Knowledge-Based Products and Equipment
Software & Information Technology

Knowledge-Based Products and Equipment
Fourteenth Volume: Software & Information Technology

Preface

Technology is an indispensable cog in the engine of industrialization and the nuanced complexity of nations› economies. These intricate economies are characterized by their ability to consolidate an enormous repository of pertinent knowledge within extensive networks of individuals, while also generating a wide assortment of knowledge-intensive goods. It is, therefore, crucial to note that the sophistication of an economy is gauged by its ability to offer commodities that successfully penetrate the global marketplace.

A knowledge-based economy is one wherein knowledge and information are the pivotal underpinnings of both production and distribution. Consequently, investments in knowledge-driven sectors are deemed essential. As economies pivot towards embracing this knowledge-centric ethos, they not only bolster their competitive stature but also play a pivotal role in international trade within the global economic landscape.

Around 7000 knowledge-based companies in Iran cultivate products that are steeped in the wisdom and expertise of specialists and university graduates. These companies, some of which have metamorphosed into large-scale technology foundries, generated over 10 billion dollars in sales last year and approximately 1 billion dollars in exports to diverse countries.
The Vice Presidency for Science and Technology, under the auspices of the Presidency, serves as the nurturing force for startups and knowledge-based companies. This institution is tasked with the identification and selection of these companies, thereby establishing itself as the cardinal compass guiding the evolution and growth of Iran›s technology sector.

This book, together with 19 companion volumes, constitutes a compendium of established and potentially exportable products. It has been meticulously compiled using information supplied by the chosen companies, with the aim of providing invaluable insights to international clientele, traders, governmental entities, and academic leaders interested in leveraging these products.

The creation of this collection was a collaborative endeavor, marshaled by two distinct expert and commercial committees. The process involved meticulous examination of products at each stage by technical and commercial specialists. This was carried out within the parameters of reviewing the company›s production and sales history, access to technical knowledge and specialist manpower, production and export capabilities, and after-sales services.

During this process, specialized committees consisting of experts from company headquarters and knowledge-based institutions under the Vice Presidency for Science and Technology, led by Dr. Reza Asadi Fard and engineer Mojtaba Houshmandzadeh, were convened. Additionally, commercial committees, overseen by engineer Mehdi Ghalehnoei and led by engineer Rouhollah Estiri, included the participation of traders from the private sector. I express my heartfelt gratitude for the efforts and support of these two groups.

I would also like to extend special thanks to the project manager, Mrs. Zahra Afsali, who demonstrated great responsibility and provided dedicated attention to the project›s design and promotion from its inception, contributing creative ideas.

Furthermore, it is essential to appreciate and acknowledge the hard work of my colleagues who were involved in evaluating, collecting, tracking companies, selecting and revising texts, and ultimately editing and designing this book:
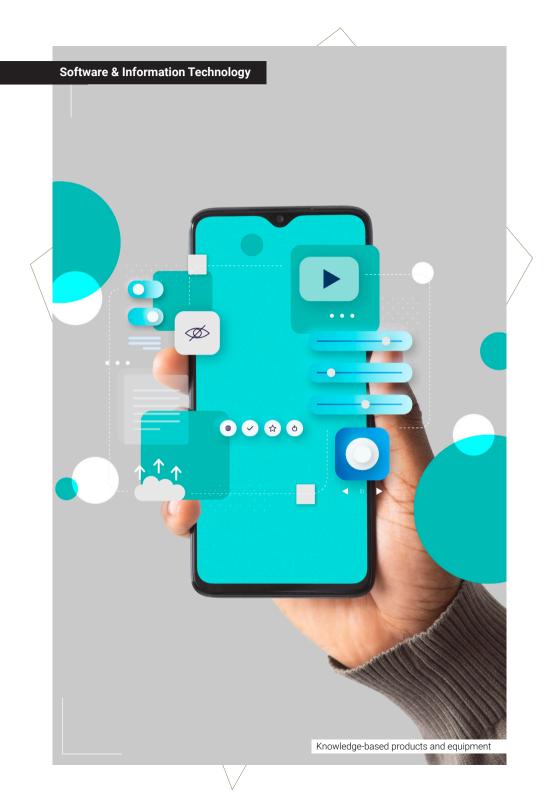
- Supervisory and Editorial Team: Mohammad Tarabi and Fereshteh Elahi
- Technical Manager: Ehsan Kashtkari
- Editorial Team:Raqiya Mohammadkhanpur,Seyed Amin Sadat Akhavi,Mohsen Bayegre, Fatemeh Erdalan
- Design Team: Mohammad Hossein Pourdabagh, Masoud Khalili

I want to emphasize that the aforementioned products can be offered in various ways in the destination country. Options include exporting final products, exporting semi-finished products for assembly at the destination, engaging in joint production in the destination country, and exploring other forms of economic collaboration. In all these cases, the Export Development and Technology Exchange Fund, as the financial supporter of knowledge-based export companies, is prepared to engage in joint investments in the destination country and provide guarantees for purchased products.

At the end of this book, you will find a list of trade facilitators, technology transfer agents, innovation and technology houses (iHiT) established in various countries, and export management companies approved by the Vice Presidency for Science and Technology. This list can be utilized to establish contact.

In conclusion, I sincerely hope that this book proves valuable to readers, providing them with a comprehensive understanding of the technological advancements in Iran.

Regards,
Mehrdad Amani Aghdam
CEO of Export Development and Technology Transfer Fund

Knowledge-based products and equipment

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Knowledge-based products and equipment

Introduction

The Roots of Industry and Exports in the Iranian Perspective

The age-old soils of Iran have perennially been a fountainhead of knowledge and industrial progress, with Iranians imprinting an indelible mark on the expansion, evolution, and dissemination of human understanding. Eminent historians globally posit that a significant portion of human civilization›s progression is deeply rooted in Iranian civilization. From this wellspring of intellectual prowess, Iranians have bestowed upon the world some of the most resplendent artistic creations and industrial innovations. Ancient Iranians exhibited an uncanny mastery over a myriad of fields including metalwork, agriculture, pharmaceuticals, and chemistry, as well as art forms such as tile glazing, carpet dyeing, fabric weaving, and glasswork.

Beyond this industrial prowess, Iranians have a venerable history of establishing symbiotic trade relations with other civilizations spanning East and Central Asia, Europe, and Africa. Strategically positioned on the Silk Road and engaged in maritime commerce, Iranians have been instrumental in fostering global camaraderie. Inheritors of this legacy, we, the contemporary Iranians, perceive our homeland›s industry, art, and production as a transformative and constructive force. We view the expansion of technological transactions and trade of industrial goods with other nations as avenues to nurture friendships and reinforce mutual bonds.

Industry and Exports in Modern Iran

Industrial development has a very important place in the plans and policies of the Islamic Republic of Iran due to the creation of value added, job creation, increase in exports and reduction in imports, and the transition from an economy dependent on oil and mineral raw materials to an industrial and manufacturing economy, especially an economy dependent on new technologies, is a grand plan that has been adopted for this purpose. Currently, 50% of Iran's gross domestic product is allocated to services and another 50% to industry and manufacturing, which includes 10% agriculture and food industry, 14% oil and gas industry, and 26% other manufacturing industries.

The Share of Various Activities in Iran's GDP

Agriculture 10%

Oil and Gas 14%

Service 50%

Other industries 26%
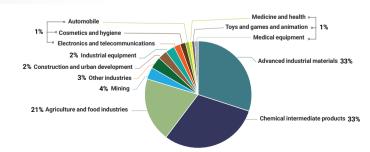
In the meantime, various industries such as pharmaceuticals, medical equipment, construction, communications and telecommunications, energy, mining, chemicals, etc. have a special share of Iran's gross domestic product, and their production, in addition to covering a considerable amount of country's domestic needs, are exported to various destinations.

According to World Customs Organization data, in 2021, the Islamic Republic of Iran had exports equal to 75 billion dollars, almost half of which is allocated to non-oil industries and processed industrial products. Advanced industrial materials, chemical intermediate products, agricultural products and food industry are all among the biggest exporting industries with more exports.

Iran's Exports in 2021
Ref: Trade Statistics for International Business Development [1]

Medicine and health

Automobile

Toys and games and animation 1%

1% Cosmetics and hygiene

Medical equipment

Electronics and telecommunications

2% Industrial equipment

2% Construction and urban development

Advanced industrial materials 33%

3% Other industries

4% Mining

21% Agriculture and food industries

Chemical intermediate products 33%

[1] www.trademap.org
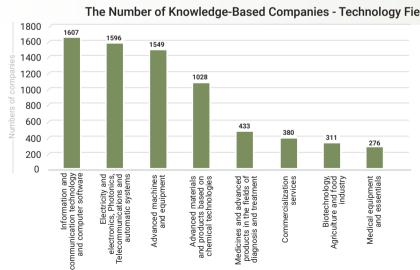
Regarding the main export destinations of Iran, it should be noted that **China, India, Indonesia, Russia, Uzbekistan, Ghana, Germany and South Africa**, as well as among the regional neighbours, **Iraq, Turkey, UAE, Afghanistan, Pakistan, Oman, Turkmenistan, and Azerbaijan** account for the largest dollar value of imports from Iran.

The Role of Advanced Technologies in Iranian Industry

The Islamic Republic of Iran has experienced significant growth in the development and commercialization of advanced technologies in manufacturing industries over the past decade. This growth has been facilitated through the establishment of knowledge-based companies. These companies are defined as private entities that meet the following three criteria:

1. The product or service provided by the company has a high or medium to high technology level and its technical knowledge has a significant technical complexity (technology level condition).
2. The product or service design in the company is based on internal research and development or technology transfer (Research and development-based design condition).
3. The company is able to produce and provide the mentioned goods or services to the market (production condition).
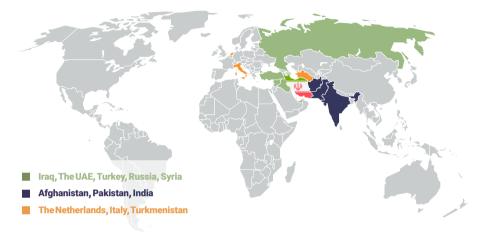
Currently, more than 7 thousand knowledge-based enterprises in Iran are producing products and providing services in the field of various technologies. These companies produce more than 15,000 products or services in total, and their direct employees, which generally include people with a high level of education, are around 250,000 people.

The Number of Knowledge-Based Companies - Technology Fields

Technology Field	Numbers of companies
Information and communication technology and computer software	1607
Electricity and electronics, Photonics, Telecommunications and automatic systems	1596
Advanced machines and equipment	1549
Advanced materials and products based on chemical technologies	1028
Medicines and advanced products in the fields of diagnosis and treatment	433
Commercialization services	380
Biotechnology, Agriculture and food industry	311
Medical equipment and essentials	276

The export of Iran's knowledge-based enterprises has been growing in the last 5 years, and these companies currently account for about %2 of Iran's non-oil exports.

The Largest Export Destinations of Iranian Knowledge-Based Enterprises in the Last 5 Years

- ■ **Iraq, The UAE, Turkey, Russia, Syria**
- ■ **Afghanistan, Pakistan, India**
- ■ **The Netherlands, Italy, Turkmenistan**

The Status of Knowledge-Based Products in Software & Information Technology

Industrial development and achieving a knowledge-based economy is not possible in any country without paying special attention to software and business and industrial platforms. These products, along with other new technologies in the field of electronics and communication, such as microelectronics, semiconductors, satellites, robotics, etc., have led to a great revolution in the methods of collecting, processing, storing, calling and presenting data. Therefore, the industrialists and statesmen of the Islamic Republic of Iran have given serious consideration to the development of these technologies in the last ten years, and the progress made in the mentioned cases is achieved as a result of the formation of information technology. Since information technology has a very wide scope of application due to its interdisciplinary and industrial nature, and includes topics such as computer science and software engineering, telecommunications, artificial intelligence, management information system, decision support system, knowledge engineering, multimedia technologies, information management, data and information security, human-computer interaction and communication, computer-based group communication, robotics and internet databases, it has also taken up a significant share of the added value of industrial products in Iran›s technology ecosystem.

Currently, more than 1700 knowledge enterprises are directly active in this industry

and collectively produce more than 2400 technological products. In addition to these companies and technological products, there are also several other multi-disciplinary products in other industries, in which information technology is used for their implementation and operation. Hence, this industry is believed to account for at least %20 of Iran›s knowledge-based production and employment.

Due to the non-physical and intangible nature of knowledge-based products in the field of information technology and software, exports and international trades in this industry between Iranian knowledge enterprises and international trading partners take place in a context other than customs interactions. Moreover, these companies and products address a large audience, including European countries, Central Asian countries and finally North America.

The Percentage of Software & Information Technology Companies from All the Knowledge-Based Enterprises

1.4%
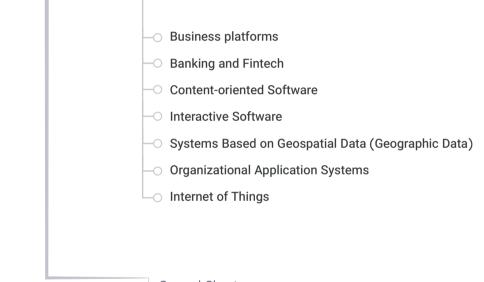
Categorization of Software and Information Technology for Export Capabilities

Considering the interdisciplinary nature of the software and information technology field and its vital role in the development of a knowledge-based economy—an economy with high value-added—we observe extensive activity and a significant number of companies in Iran, offering diverse knowledge-based products in this industry.

Knowledge-based products and equipment

Software & Information Technology

First Chapter

Application Software

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iled across the background,
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iled across the background,
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dding:8px 20px; color:blue; text-decoration:none;}
r:white;"> { color:#d3d3f9;}
```

```
">some</span> the HTML 'span' tag.
 your text using the HTML tag.</p>
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iled across the background,
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r:white;">
ing:0; list-style:none; color:#959595;}
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0; width:185px;}
; text-decoration:none; margin-left:-16px; padding:4px 8px
```

```
; padding:12px; width:970px;}
```

•> Digikala Online Store Website

| ☰ E-Commerce | 🤖 Android | 🍎 IOS | ▦ WebApp |

⌂ Innovative Fan Avazeh (Digikala) Co.
www.digikala.com

digikala
دیجی‌کالا

| **Product Introduction:** | ‹ › | ● ● ● |

This product is an online store that sends all requested products to customers as quickly as possible by ordering online.

↓	Installations and Users	More than 40 million users
🔳	Category	Shopping
📅	Founded	2012

▼ <Application>

- ► Online sale
- ► Providing services in the fields of finance, online shopping, warehousing, logistics, after-sales services, call center, etc.

</Application>

✓ *This product is an application platform.*

▼ <Technical Specifications>

- ► Use of Intelligent Algorithms
- ► Complexity of the platform due to high scalability
- ► High scale of controlled transactions
- ► Full implementation of an intelligent online store platform on the web, Android, and iOS
- ► Use of artificial intelligence and big data technologies in analyzing and developing services

</Technical Specifications>

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+10,000,000	+10,000,000	+905,000
Rated	3	3.5	4.3

●❯Snapp (Urban Transportation Services via Virtual Space App)

☰ E-Commerce	🤖 Android	🍎 IOS	▥ WebApp

🏠 **Ideh Gozyn Ertebatat Roomak Co.**

www.snapp.ir

Product Introduction: ❮ ❯

Snapp is a cutting-edge smart platform for urban transportation that utilizes the latest global technology. With just a click, passengers can connect with the nearest available driver. Drivers, equipped with a mobile phone navigator, efficiently transport passengers to their desired destinations. Additionally, passengers can easily pay for their travel expenses online.

↓	Installations and Users	More than 50 million users
🔠	**Category**	Transportation
👪	**Age Group**	+12
📅	**Founded**	2014

▼ **<Application>**

   ► Facilitating smart urban transportation

</Application>

▼ **<Technical Specifications>**
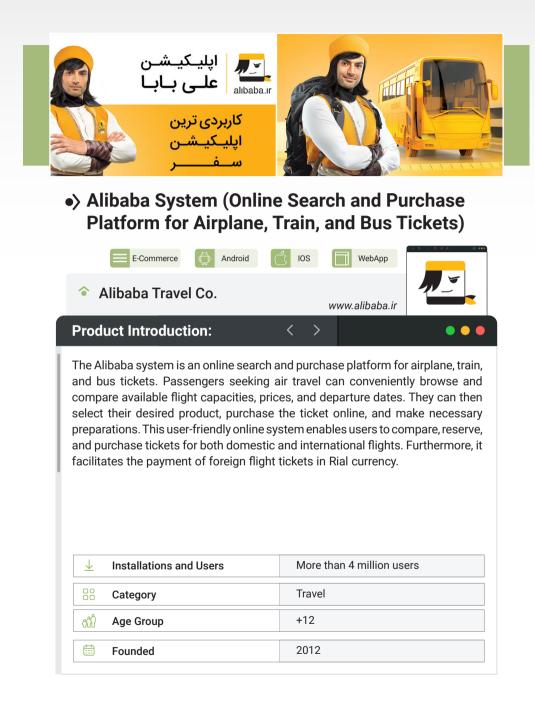
   ► The code development mechanism is based on Object-Oriented Programming (OOP) methodology.

   ► The iOS and Android software is built, compiled, and signed using common tools, making it accessible to users.

   ► A testing mechanism is employed, following the Test-Driven Development (TDD) methodology, to ensure the software maintains optimal quality.

   ► Automatic updates for the Snapp mobile app are delivered through standard software stores like Google Play, App Store, and Cafe Bazaar.

   ► The system utilizes artificial intelligence for processing big data and optimizing various aspects of the platform.

</Technical Specifications>

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+10,000	+20,000,000	+1,500,000
Rated	4.3	4.7	4.3

◉› Alibaba System (Online Search and Purchase Platform for Airplane, Train, and Bus Tickets)

| ☰ E-Commerce | 🤖 Android | 🍎 IOS | ▣ WebApp |

☁ Alibaba Travel Co.

www.alibaba.ir

Product Introduction: ‹ ›

The Alibaba system is an online search and purchase platform for airplane, train, and bus tickets. Passengers seeking air travel can conveniently browse and compare available flight capacities, prices, and departure dates. They can then select their desired product, purchase the ticket online, and make necessary preparations. This user-friendly online system enables users to compare, reserve, and purchase tickets for both domestic and international flights. Furthermore, it facilitates the payment of foreign flight tickets in Rial currency.

↓	Installations and Users	More than 4 million users
▦	Category	Travel
⚇	Age Group	+12
📅	Founded	2012

▼ \<Application\>

  ▶ Ability to search and purchase online tickets for airplanes, trains, and buses

\</Application\>

✓ *This product is a business platform.*

Product details	Cafe Bazaar	Sib App
Downloads	+2,000,000	+250,000
Rated	4.8	4.3

⦿❯ SnappFood (Food Order System)

| E-Commerce | Android | IOS | WebApp |

🏠 **Modern Food Delivery Systems Atlas Co.**

www.snappfood.ir

Snapp! Food

Product Introduction: ‹ › ● ● ●

SnappFood's online food ordering system is a platform comprising a restaurant database and customer purchase data analysis. This platform provides various product selection and diverse food search methods based on the type of restaurant, preferred area, user's food interests, daily restaurant menu viewing, food pictures, discounts on different restaurant meals, notifying users about new restaurants, adding new restaurants according to users' feedback, and more.

↓	**Installations and Users**	More than 3 million users
🔲	**Category**	Food Delivery
👪	**Age Group**	+12
📅	**Founded**	2014

▼ **<Application>**

▶ Online Food Ordering

</Application>

✓ *This product is an application platform.*

▼ **<Technical Specifications>**

▶ This system allows users to select their food and restaurant based on their preferences, order online, and pay.

</Technical Specifications>

Product details	Cafe Bazaar	Sib App
Downloads	+2,000,000	+75,000
Rated	3.9	4.1

•⟩Tap30 (Online Taxi Services)

E-Commerce	Android	IOS	WebApp

🏠 **Aramis Technology Pioneers Co.**

www.tapsi.ir

تپسی

Product Introduction: ‹ ›

This product provides online taxi and transportation services.
Classic Services: Trip request
Elina service: Shared trip request
Taxi service: Taxi request
Companion service: Trip request with shopping companion

⤓	**Installations and Users**	More than 15 million users
▦	**Category**	Transportation
⚇	**Age Group**	+12
📅	**Founded**	2016

▼ **\<Application\>**

▶ Facilitating intra-city travels

\</Application\>

✓ *This product is a business platform.*

Product details	Cafe Bazaar	Sib App
Downloads	+8,000,000	+750,000
Rated	4.6	4.2

⬥〉Divar Application

E-Commerce	Android	IOS	WebApp

⬆ **Smart Advertisers Co.**

www.divar.ir

Product Introduction: ‹ ›

This product allows users to publish ads and classified ads for selling or buying goods or services in different categories; Also, it is possible to update and upgrade the ad to get more visits by users.
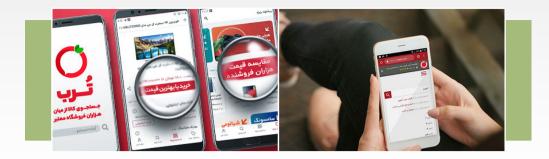
↓	Installations and Users	More than 60 million users
⊞	Category	Shopping
👪	Age Group	+12
📅	Founded	2016

▼ \<Application\>

- ► Available for all people interested in buying or selling goods or services in the defined categories in the product
- ► Available for active businesses in the auto market (showrooms and authorized dealerships) and real estate consultants

\</Application\>

✓ *This product is a business platform.*

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+10,000,000	+50,000,000	+480,000
Rated	4.3	4.7	4.4

•⟩Torob (Buy Search Engine)

E-Commerce	Android	WebApp

 Pishro Market Development Co.

www.torob.ir

Product Introduction:

The Torob Buy Search Engine was launched in 2014 to provide and compare transparent prices. The most important activity of this company is the development of the Turbo Buy Search Engine. This search engine has collected millions of products from over 14,000 reputable Iranian online stores to help users find the best price among different stores in the shortest time. It also helps reputable online stores to access a wide range of internet users without the need for technical knowledge.

Installations and Users	More than 12 million users
Category	Shopping
Age Group	+12
Founded	2016

▼ \<Application\>

   ► Connecting online stores to online buyers

\</Application\>

▼ \<Technical Specifications\>

   ► **Server side includes the following parts:**
- ❋ Text Analyzer Service for standardizing diverse Persian and English words
- ❋ Anomaly detection service in traffic (to prevent crawling by competitors and false clicks on products)
- ❋ Photo service, whose task is to create a thumbnail version of photos and detect similar photos

   ► **Torob AI services:**
- ❋ Autocomplete service for user queries
- ❋ Automatic categorization of user queries and products using deep learning architecture
- ❋ Auto-correct service for user queries
- ❋ Automatic request generation service for product integration using deep learning architecture
- ❋ Service to detect inappropriate photos in terms of nudity
- ❋ Anomaly detection service in product price changes time series
- ❋ Note that all Torob AI services have an automatic retraining pipeline and are retrained with new data at regular intervals
- ❋ Services related to updating products
- ❋ Information extraction service from HTML pages
- ❋ Product feature extraction service

\</Technical Specifications\>

Product details	Google Play	Cafe Bazaar
Downloads	+5,000,000	+5,000,000
Rated	4.5	4.7

●〉 E-Cab Platform

E-Commerce	Android	WebApp

☁ **Rayane Gostar Q Co.**

www.qcompany.org

Q Inc
QCompany | کیو

Product Introduction: 〈   〉

E-cab is a software platform in the field of transportation designed to provide software services to transportation businesses as a SaaS. E-cab currently covers the software needs of online taxis, wireless taxis, taxi companies and passenger transportation, taxi services, motorcycle couriers, various types of services such as women, vans, special and intra-city cargo transportation.

	Category	Transportaton
	Founded	2014

▼ <Application>

- ► Online taxis
- ► Wireless taxis
- ► Taxi companies
- ► Taxi - services
- ► Freight and parcel transportation businesses
- ► Motorcycle courier services
- ► Special passenger transportation services (such as travel reservations)

</Application>
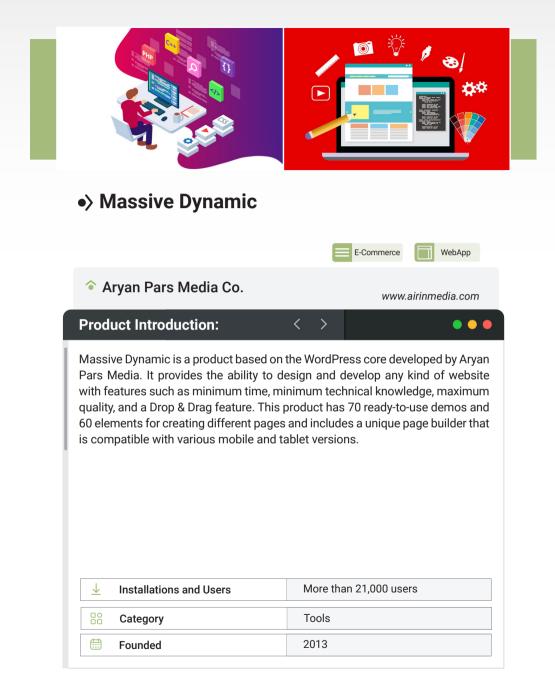
✓ *This product is an interactive platform.*

▼ <Technical Specifications>

- ► Implementation of software as SaaS
- ► Implementation using MicroServices (at the basic level) along with SaaS.
- ► Implementation of a new architecture to manage the common database and separate databases of businesses by a code in order to implement SaaS.
- ► Use of four push notification sending services for more overlap
- ► Implementation of software APIs to connect to various payment gateways according to the variety of customer needs along with SaaS implementation.
- ► Implementation of new payment methods such as generation and use of charging codes in order to apply the program in other countries (this requirement has been implemented for Iraq).
- ► Implementation of APIs of different maps and the possibility of switching between maps in Ecab logistic system. The maps include Qmap (the company's exclusive map), OSM, Google, map.ir, Neshan and cedarmap. This possibility is in line with the software becoming SaaS.

</Technical Specifications>

Product details	Cafe Bazaar
Downloads	+500,000
Rated	3.7

•> Massive Dynamic

E-Commerce   WebApp

🏠 **Aryan Pars Media Co.**

www.airinmedia.com

Product Introduction: ‹ ›   ● ● ●

Massive Dynamic is a product based on the WordPress core developed by Aryan Pars Media. It provides the ability to design and develop any kind of website with features such as minimum time, minimum technical knowledge, maximum quality, and a Drop & Drag feature. This product has 70 ready-to-use demos and 60 elements for creating different pages and includes a unique page builder that is compatible with various mobile and tablet versions.

⬇ **Installations and Users**	More than 21,000 users
⬚ **Category**	Tools
📅 **Founded**	2013

▼ \<Application\>

- ► Website owners
- ► Webmasters
- ► Content Producers

\</Application\>

✓ *This product is an application platform.*

▼ \<Advantages\>
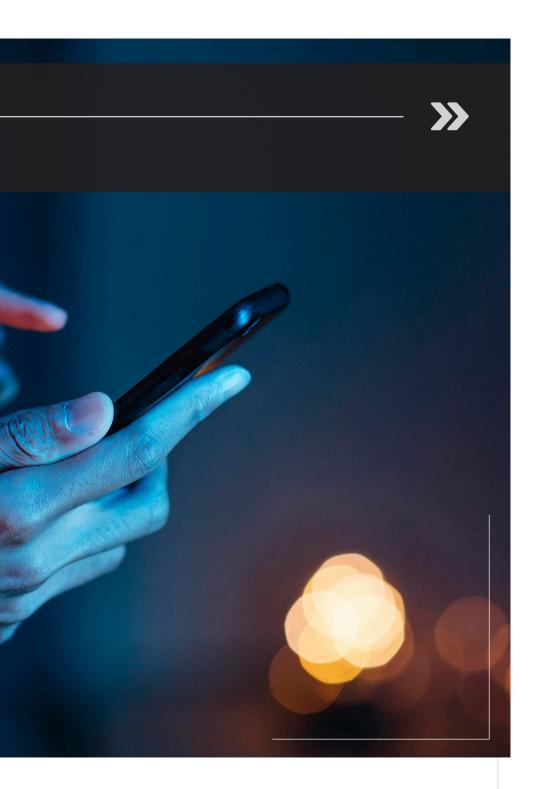
- ► Easy user interface
- ► Availability of ready-to-use templates for quick use
- ► Availability of ready-to-use elements for website creation
- ► High speed
- ► Constant technical support by the developer team

\</Advantages\>

Second Chapter
Mobile

•> Cafe Bazaar

Mobile	Android	WebApp

⌂ Hezardastan Co.

www.cafebazaar.ir

Product Introduction: ‹ ›

The "Bazaar" app is a platform offering apps, Android games, and videos in Iran. Cafe Bazaar hosts game developers, app developers, and official video providers to deliver their product and content to Iranian audiences. Some of the extensive services of this app are as follows:

- ❋ Publication of programs and games in Persian language
- ❋ Providing easy payment services for domestic users
- ❋ Offering curated content from the Cafe Bazaar editorial team

↓ Installations and Users	More than 50 million users
⊞ Category	Tools
⚇ Age Group	+12
▦ Founded	2013

▼ **<Application>**

▶ Useful for game developers, app developers, and official video providers

</Application>

✓ *This product is content-oriented software.*

▼ **<Technical Specifications>**

▶ The Cafe Bazaar product has 70 different services based on a microservices architecture

▶ **Technology used in the product:** Python, Golang and Kubernetes, which enables scalability

▶ Cafe Bazaar is a data-oriented product and decisions are made based on these data

▶ **Among the data-oriented subproducts:** Bazaar recommendation system, search and search ads

▶ **The technology used in Android is Kotlin with clean architecture, which is the latest technology in this field**

</Technical Specifications>
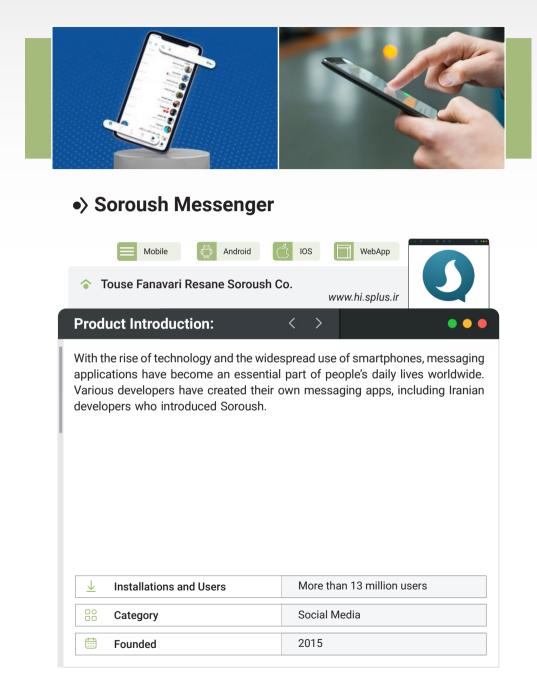
Product details	Google Play	Cafe Bazaar
Downloads	+1,000,000	+70,000,000
Rated	3.7	4.5

•⟩ Myket

Mobile	Android	WebApp

 Hushmand Gostar Hooten Pars Co.

www. myket.ir

Product Introduction: ‹ ›

✳ In the summer of 1390, the Android store Myket was born as a response to the increasing use of smartphones in people's daily lives and the limited access Iranian users had to Google's Android store. It became a vibrant and secure environment where developers could offer their Android apps and games, while users could enjoy the Android world. Currently, Myket showcases over 350,000 games and apps designed for Android OS, created by more than 22,000 developers. With over 40 million installations on Android devices, it has gained popularity. Furthermore, since the summer of 1400, Myket has launched a film and series section, providing a legitimate platform for content streaming, allowing users to access their desired content legally.

	Category	tools
	Founded	2000

Knowledge-based products and equipment

•> Soroush Messenger

Mobile	Android	IOS	WebApp

Touse Fanavari Resane Soroush Co.

www.hi.splus.ir

Product Introduction: ‹ ›

With the rise of technology and the widespread use of smartphones, messaging applications have become an essential part of people's daily lives worldwide. Various developers have created their own messaging apps, including Iranian developers who introduced Soroush.

↓ Installations and Users	More than 13 million users
⊟ Category	Social Media
📅 Founded	2015

▼ `<Application>`

- ► Suitable for general users, all social classes, organizations, offices, and agencies
- ► Voice and video calling capabilities
- ► Live broadcasting

`</Application>`

✓ *This product is an interactive platform.*

Product details	Cafe Bazaar	Sib App
Downloads	+9,000,000	+56,000
Rated	3.4	1.7

●› Azan Call Calendar Bad Saba

| Mobile | Android | IOS | WebApp |

Mouje Telephone Hamrah Co.

www.mth-co.ir

Product Introduction: ‹ ›

The "Bad Saba Azan Calling Calendar" application initially ran on Java phones starting in 2012. By the end of that year, it became available to Android users through the Cafe Bazaar store. In addition to offering calendar amenities and Islamic tools such as Azan broadcasting, Qibla direction, prayer and fasting management, and more, this app also provides online shopping, SIM card recharge, internet packages, bill payments, charity support, and online tourism services.

↓	**Installations and Users**	More than 25 million users
	Category	Religious
	Age Group	+12
	Founded	2007

▼ **\<Application\>**

- ► Azan broadcasts to all directions, displaying solar, lunar, and Gregorian dates and events
- ► Notes/Reminders and Payment Services
- ► Online services encompassing a wide range of areas, including selling mobile operators' goods, tourism services, and comprehensive Islamic tools for media

\</Application\>

> *This product is a business platform.*

▼ **\<Technical Specifications\>**

- ► **Multilingual:** Persian, Arabic, English, Azeri, Urdu, and Spanish

\</Technical Specifications\>

Achievements Obtained in Domestic or Foreign Prestigious Events or Festivals:

- ❋ The first rank of the best application of the year as chosen by Cafe Bazar users in 2019
- ❋ Applishkin honored by Cafe Bazaar as the most installed and most popular in 2013
- ❋ Winning the first place in the cultural software section of Sharif University of Technology campus festival in 2012

Product details	Google Play	Cafe Bazaar
Downloads	+5,000,000	+20,000,000
Rated	4.5	4.7

Tapsell (Smart In-App Advertising Platform for Mobile Applications)

Mobile | WebApp

Pegah Dadekavan Sharif Co.

www.tapsell.ir

Product Introduction:
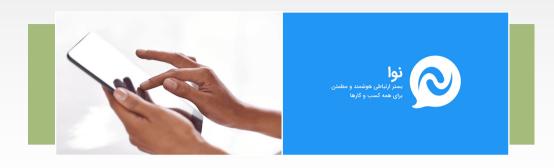
Tapsell is is a comprehensive and intelligent in-app advertising platform designed specifically for mobile applications. Its key advantage lies in its utilization of advanced algorithms based on data processing and machine learning. This innovative platform empowers advertisers to achieve their advertising goals at minimal costs, while enabling publishers to maximize their revenue from advertising spaces.

Category	Tools
Founded	2014

▼ <Application>

- ► Click-through advertising
- ► Advertising on social networks
- ► App installation advertising
- ► Digital branding through video display

</Application>

✓ *This product is an business platform.*

⦿〉 Nava Social Messenger

Android	IOS	WebApp

Arya Samaneh Co.   www.sgas.ir

Product Introduction: 〈 〉

Nava Messenger is a comprehensive messaging platform enriched with value-added services. It offers secure and high-quality communication through voice and video calls, along with a wide range of messaging options including text, photos, voice, video, and file sharing. Nava is compatible with all devices and popular platforms.

One of the unique services offered in Nava is providing online consulting services in various fields. Along with the rapid growth of technology, the possibility of using a new generation of online consulting services has been provided on the Nava platform. The aforementioned services not only provide a tool that introduces consultants, doctors and prominent experts in various fields, but also facilitate and personalize communication between consultants and applicants under the influence of modern technology.

Furthermore, Nava provides an exclusive service in the form of Direct Inward Dialing (DID) international phone numbers. With DID, users can dial their desired destination number or the assigned DID number, and subscribers can respond instantly from anywhere across the globe.

Another exceptional offering by Nava is the Hosted PBX service, which caters to organizational needs. Effective and seamless communication plays a pivotal role in the success of any business. To enhance customer service, Nava has introduced the Hosted PBX service. This service acts as an internal telephone

exchange system that companies and organizations can acquire at lower costs, accessible from any geographical location and internet platform. It comes equipped with unique features tailored to meet specific business requirements.

	Category	Social Media
	Age Group	+12
	Founded	2017

▼ **<Application>**

- ► Seamless voice and video calls, various types of messages, and live streaming for creating connections
- ► Provision of online consultation services in diverse fields.

</Application>

✓ *This product is an interactive platform.*

▼ **<Technical Specifications>**

- ► Supporting all operating systems including Windows, Android, iOS and soon Mac and Linux
- ► Multilingual support
- ► Security and encryption of all connections with external software
- ► End-to-End encryption for calls
- ► Encryption of all sensitive information stored on the phone
- ► Has the ability to set a lock and password, as well as verify with a fingerprint to enter the software
- ► The possibility of activating two-step authentication
- ► Option to hide caller ID

▼

- ► Compatibility of different versions in terms of features and functionality on all platforms (a problem that is rare even on popular foreign software)
- ► Video editor
- ► Advanced image editor
- ► 3D editor
- ► Ability to customize the software according to the user's taste and desire
- ► Ability to use and create new sticker sets by users
- ► Has its own exclusive music and video player
- ► Ability to save the user's favorite messages
- ► Ability to read two-dimensional barcodes and NFC tags
- ► Ability to read bank card number using deep learning feature of Tensorflow lite library
- ► Sending and receiving text, photos, audio, video and all kinds of files in such a way that the safe transfer process is resistant to severe disconnections and connections and low quality of the network. Implementation of an exclusive download manager with the ability to pause and resume sending and receiving a large number of files at the same time
- ► Hiding the caller ID
- ► **Operating system**
- ► **Client:** Supporting all operating systems including Windows, Mac, Linux, Android and iOS
- ► **Development methodology:** Scrum
- ► **Architecture:** The development of the server side is based on microservices, event driven and cloud native architecture.
  The client is also developed based on Model View architecture.
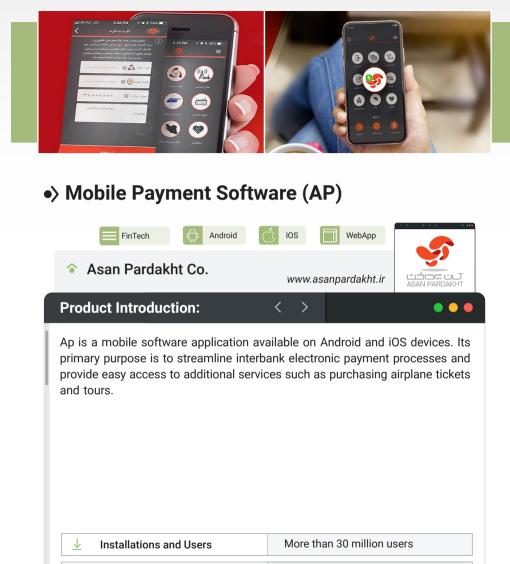
</Technical Specifications>

Product details	Cafe Bazaar
Downloads	+200,000
Rated	3.7

●> Mobile Payment Software (AP)

FinTech	Android	IOS	WebApp

Asan Pardakht Co.

www.asanpardakht.ir

Product Introduction: ‹ ›

Ap is a mobile software application available on Android and iOS devices. Its primary purpose is to streamline interbank electronic payment processes and provide easy access to additional services such as purchasing airplane tickets and tours.

	Installations and Users	More than 30 million users
	Category	Banking Services
	Age Group	+12
	Founded	2009

▼ **<Application>**

► Ap facilitates all electronic and interbank payments conducted over the internet using a mobile device. This includes buying credit, purchasing airplane tickets, and booking tours, among other transactions. It serves as a versatile business platform.

</Application>

✓ *This product is a business platform.*

▼ **<Technical Specifications>**

► Responsive payment page for optimal user experience
► Compatibility across desktop, tablet, and mobile devices
► Access Data layer design based on a Mapper Object

</Technical Specifications>

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+10,000,000	+20,000,000	+455,000
Rated	4.1	4.2	4.5

●〉 USSD Subswitch (780)
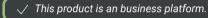
| FinTech | Android | IOS | WebApp |

☁ Tehran Internet Co.

www.tehraninternet.co.ir

Product Introduction: 〈 〉

The 780 switch processes transactions 24/7, employing state-of-the-art security protocols to enhance the security of payment transactions. Additionally, users can view accumulated points received through transactions in the main application menu.

⤓	**Installations and Users**	More than 10 million users
🔲	**Category**	Banking Services
👪	**Age Group**	+12
📅	**Founded**	2004

▼ <Application>

▶ The 780 switch caters to all individuals within Iran who utilize mobile services and possess a bank card with a PIN. It serves as a reliable business platform.

</Application>

✓ *This product is an business platform.*

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+5,000,000	+5,000,000	+35,000
Rated	3.9	4.5	3.9

•〉 NFC Keypad

FinTech   WebApp

 Pasargad Electronic Payment Co.

www.pep.co.ir

Product Introduction: 〈 〉

Keypad NFC is a system designed for secure financial transactions and electronic payment tools utilizing NFC technology. Its unique features include a specialized program design for communication with POS devices and a customer interaction gateway, built upon a Service-Oriented Architecture.

Category		Banking Services
Age Group		+12
Founded		2005

▼ \<Application\>

► Keypad NFC serves as an electronic payment tool for conducting financial transactions securely

\</Application\>

✓ *This product is a business platform.*

● › Banco (Comprehensive Central Banking System)

FinTech	WebApp

⌂ Tosan Co.

www.tosan.com

Product Introduction: ‹ ›

Benco is a comprehensive central banking system that caters to the needs of retail customers, private banks, and corporate banks. It supports all necessary banking processes, services, and products. Banks and financial institutions can utilize the Benko system to define and offer various services and products to different customer groups. It adheres to both the regulations and circulars of the Central Bank of Iran and international banking standards.

One of the key features of the Benko system is its full support for non-interest banking services and products in Iran. It also accommodates Islamic banking products and services prevalent in other Islamic countries. The system comprises subsystems such as banking accounting, checks, treasury, deposits, customers, facilities, interbank solutions, international banking, open banking infrastructure, and more, covering diverse needs within the banking industry.

⤓ Installations and Users	More than 3 million users
ᴬ Category	Banking Services
🗓 Founded	2008

▼ <Application>
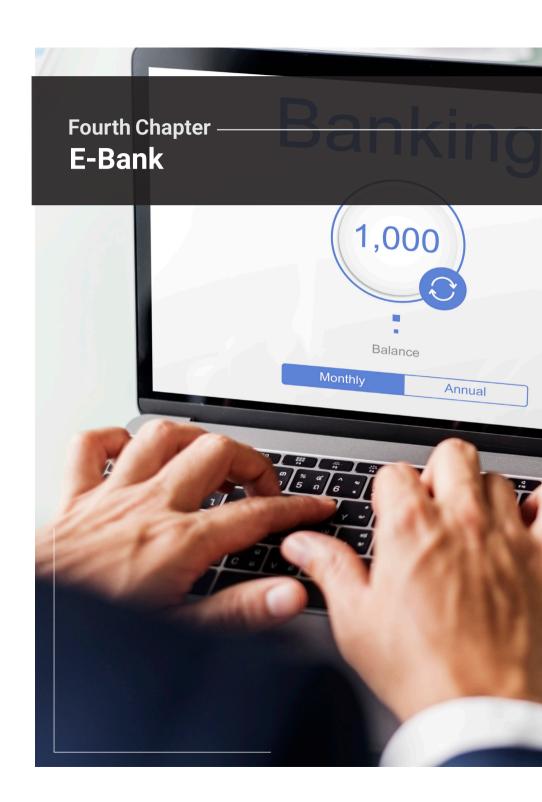
► Used for private and public banks, financial and credit institutions, companies and financial entities

</Application>

✓ *This product is an organizational application system.*

▼ <Technical Specifications>

► Centralized and online system
► Service Oriented Architecture (SOA)
► Three-layer design (user interface, business, data)
► Ability to support more than 10 million documents per day
► Scalability to support a minimum of 20 million financial transactions per month across various channels, including payments, bills, and installments
► Ability to support more than 1500 branches
► The ability to support at least 20 million financial transactions per month, including all types of bill payment transactions, installments, etc., and through various channels
► The ability to handle more than 12,000 simultaneous users
► Support for different levels of authentication for different types of users (bank employees, business partners, customers and system managers) according to different types of risks.
► Capability to handle more than 12,000 concurrent users
► Support for various authentication methods, including: authentication through digital signature or token - authentication through biometrics - one-time password (multi-factor)
► Availability is around 99.95%.
► Parameter changes and patch management can be done remotely.
► Vertical scalability in this case causes hardware upgrades such as using faster processors or increasing the amount of memory and also increases the speed and efficiency of the system.

- ▶ Horizontal scalability: The system mode of independence of location, in order to benefit from the increase
- ▶ Supporting load distribution methods and fail-over techniques
- ▶ Hardware and enabling cluster processing on multiple devices (instead of just one device).
- ▶ Clustering support, independent and non-stop patch installation on clients is possible.
- ▶ The existence of security layers to prevent any possible unauthorized access to the system
- ▶ Offering all types of logs and monitoring
- ▶ Web based
- ▶ Modular
- ▶ Ability to support Master Data

</Technical Specifications>

Banking

•> Internet Bank

| E-Bank | WebApp | گروه حصین |

🏠 Hasin Co.   *www.hasin.ir*

Product Introduction: ‹ ›

Hasin presents an advanced Internet banking system designed specifically for Maskan Bank. The system comprises two sections: personal and corporate. It offers a range of features that streamline financial processes for individuals and businesses without the need to visit bank branches.

•Advanced workflow design catering to financial needs of personal and corporate clients in Internet banking.

•Seamless integration between personal and corporate Internet banking systems, enabling users to access both platforms with a single username and undergo identity verification. Users can also have memberships in multiple companies and personalize their Internet banking environment.

•Integration of the Internet banking system with Progressive Web Apps (PWA) and mobile banking for enhanced accessibility.

•Implementation of a sub-system for cost and revenue management, encompassing budget definition, templates, cost and revenue breakdown, check

management, and more. This sub-system is integrated with Internet banking and also available as a standalone solution for non-account holders of the bank.
•Recognition of recurring user services and transactions, providing personalized recommendations.

•Multilingual product with the flexibility to add new languages without the need for coding.

	Category	Banking Services
	Age Group	+12
	Founded	2010

▼ **\<Application\>**
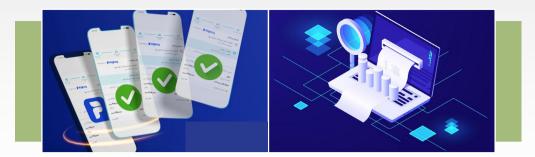
  ► The Internet banking system

\</Application\>

✓ *This product is a business platform.*

▼ **\<Technical Specifications\>**

  ► **Zero-level architecture with a client-server system utilizing REST services for communication. The client-side is designed as a single-page application, prioritizing optimal user experience, while the server-side follows the MVC architecture.**

\</Technical Specifications\>

● ❯ Smart System for Controlling and Optimizing Payment Gateways with Refund + Smart IPG

| E-Bank | Android | IOS | WebApp |

⌂ Iranian Virtual Payment Innovators Co.
www.mydigipay.com

digipay

Product Introduction: ‹ ›

DigiPay introduces a powerful software solution that acts as an intermediary between selected Shaparak payment gateways and merchants. It employs artificial intelligence and advanced algorithms to dynamically evaluate and select gateways based on their performance, ensuring successful payment processing. The system operates in real-time, continually directing each merchant to the gateway with the highest probability of transaction success.

▦	**Category**	Banking Services
📅	**Founded**	2018

▼ <Application>

> ► The software facilitates mobile payments and everyday financial transactions for users.

</Application>

✓ *This product is a business platform.*

▼ <Technical Specifications>

► Introduction of multiple bank accounts with the ability to allocate percentages for each account during settlement
► Distribution ratio of sales revenue among self-owned accounts
► Precise transaction distribution among different accounts with an error rate below 1%
► Automatic refund capability without requiring specific knowledge of the
► payment gateway, solely based on purchase information
► Equipped with error detection, anomaly detection, reporting, monitoring, and health checking processes
► Flexibility to modify factors influencing gateway selection
► Technical infrastructure implemented based on microservices architecture
► Server-side operating system: Linux
► Monitoring tools: Prometheus, Grafana
► Software development methodology: Scrum

</Technical Specifications>

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+1,000,000	+1,000,000	+42,000
Rated	3.7	3.4	3.7

•> Harmony Interface

E-Bank | WebApp

Vista Samane Asa Co.

www.asax.ir

Product Introduction:

〈 〉

Harmony is an innovative software layer designed to simplify and streamline core banking services. It serves as a bridge between software systems in the capital market and banking sector, offering seamless banking services to the market. The product encompasses B2B services, back offices, and integration services.

Category	Banking services
Founded	2012

▼ \<Application\>

   ► In financial institutions and banks that tend to provide services to the market in areas such as provision of funds and settlement of online securities transactions, commodity futures and cash transactions, settlement of brokers' funds with the central depository company, etc.

\</Application\>

   ✓ *This product is an organizational application system.*

▼ \<Technical Specifications\>

   ► Harmony includes a comprehensive range of B2B services, back offices, and integration services

     The system places utmost importance on security, following OWASP recommendations and implementing specialized designs for identity verification and access control. It allows separate configuration of access control and identity verification servers from the main servers.

\</Technical Specifications\>

•› Core Banking System

E-Bank   WebApp

Dotin Co.   *www.dotin.ir*

Product Introduction:

Dotin's core banking system revolutionizes banking management by storing and processing all banking activities and information in a unified, centralized database. It combines distributed and branch-centric systems, providing a comprehensive platform for seamless banking operations. Leveraging the advancements in telecommunications, this system enhances banking efficiency and service delivery.

	Category	Banking Services
	Founded	2011

▼ \<Application\>

  ► The core banking system serves as a consolidated platform for storing, processing, and managing all information related to banking transactions and activities

\</Application\>

✓ *This product is an organizational application system.*

•> ISO 8583 Acquire Switch

| E-Bank | Android | WebApp |

🔹 **Fanavaran Eniac Rayaneh Co.**

www.eniac-tech.com

Product Introduction: ‹ ›

Fanavaran Eniac Rayaneh introduces an innovative software solution with modular architecture designed to support communication protocols utilized by banks and companies. It possesses the capability to develop and implement future protocols as required. The product leverages protocols such as ISO 8583, SOAP, and REST for seamless retrieval and transmission of transactions.

	Category	Business
	Founded	1999

▼ \<Application\>

> ► The ISO 8583 Acquire Switch serves as a comprehensive middleware solution that collects, directs, and manages all financial and banking transactions starting from the point of sale. It efficiently sends these transactions to centralized banking and financial systems, adhering to the ISO8 8583 standard

\</Application\>

✓ *This product is integration and coordination middleware.*

▼ \<Technical Specifications\>

> ► The product follows a multilayer architecture utilizing Service-Oriented Architecture (SOA) principles

\</Technical Specifications\>

Product details	Google Play	Cafe Bazaar
Downloads	+500,000	+2,000
Rated	-	3.3
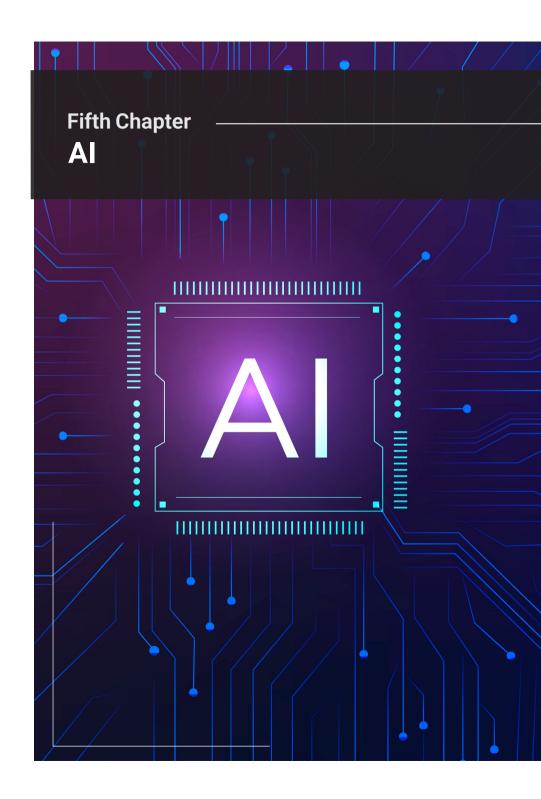
•› Fanap

| E-Bank | WebApp |

Pasargad Arian Co.

www.fanap.ir

Product Introduction: ‹ ›

Fanap initially focused on designing and providing a domestic banking solution, drawing on the expertise and knowledge of Iranian youth. Following its success in this endeavor, Fanap expanded its activities in the information technology industry, offering comprehensive solutions in the realms of finance, insurance, stock market, and financial transaction management. These solutions are currently utilized by major private and government banks, organizations, ministries, financial and credit institutions, insurance companies, and stockbrokers.

Fanap's scope has broadened to include non-financial and banking sectors, with the development and implementation of intelligent image processing-based transportation solutions. It has also provided value-added content and mobile payment solutions for mobile phones, and launched two fixed-line communication operators (FCP and FWA), covering various aspects of the communication technology value chain. Noteworthy achievements also include the introduction of the country's first internet television, the design and implementation of comprehensive organizational and industrial solutions as the largest software project in the country, and the establishment of an innovation and startup acceleration center. Fanap actively participates in large-scale projects in e-government and the development of emerging technologies on a global scale, such as the Internet of Things, blockchain, and artificial intelligence.

AI

•› Fars Ava

| AI | WebApp |

⌂ **Amer Andish Houshmand Co.**

www.amerandish.com

Product Introduction: ‹ ›
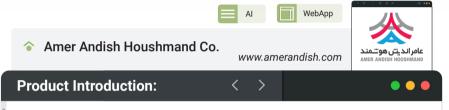
Fars Ava is a professional AI-powered typist that provides 24-hour service to convert audio and video files into text. This innovative solution allows real-time audio typing, editing, file storage, sharing, and receiving text in various formats. It also measures the accuracy of file conversions. The product captures speech directly from the microphone and instantly converts it into text. It supports all formats of Persian speech.

⊞	**Category**	Tools
⚤	**Age Group**	+12
📅	**Founded**	2017

▼ <Application>

► People whose job involves content production and typing, such as writers, journalists, lawyers, doctors, public relations departments of organizations, etc.

► Programmers and developers can use it for their websites and applications

</Application>

✓ *This product is content-oriented software.*

▼ <Technical Specifications>

► **Client:** Providing the API as a REST web service and the possibility of using it in all programming languages

</Technical Specifications>

◉▸ Intelligent Audio and Video Processing Platform Based on Service and Board

| AI | WebApp |

Dideh Negar Housh Noo Co.

www.didehnegargroup.com

Product Introduction: ‹ ›

This product encompasses a collection of algorithms for audio and video processing, integrated on a specific infrastructure. It offers customizable services through electronic boards from renowned international companies. The platform enables intelligent processing in various subsystems, including automatic classification and search of audio and video files, image and video quality improvement, intelligent gallery applications, real-time concept extraction from videos, software infrastructure platform, automatic face and celebrity detection, detection of inappropriate scenes in images, classification and extraction of relevant videos from different sources, video and image labeling, audio scene detection, automatic detection of flags and logos, background detection and extraction of location names, violence and conflict detection in surveillance images, real-time fire detection, comprehensive video monitoring and search in surveillance images, and people and object detection in surveillance images.

	Category	Tools
	Founded	2017

\<Application\>

- ▶ In general, organizational applications and all affairs related to programmers in order to process audio and video data

\</Application\>
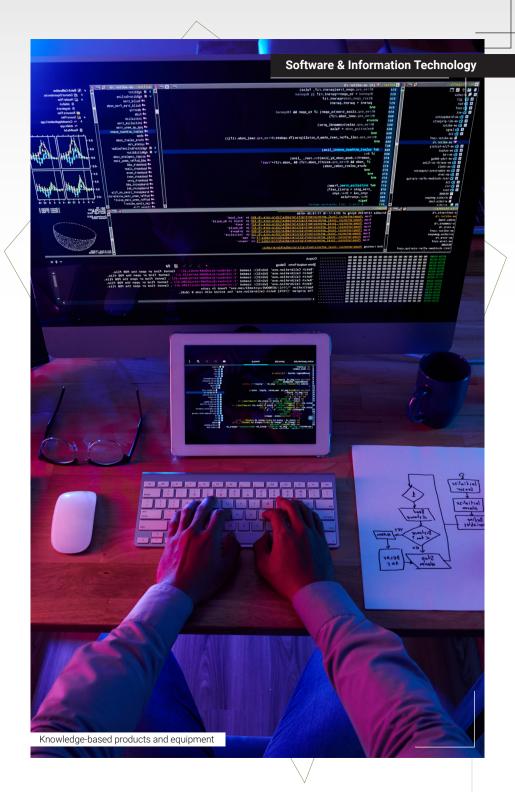
This product is an application platform.

◉〉 FaraShenasa System

☰ AI	▦ WebApp	

🏠 **Part Financial Information Processing Co.**

www.partdp.ir

Product Introduction: 〈 〉

FaraShenasa is a cutting-edge non-face-to-face identity verification platform that utilizes artificial intelligence services from "Part Financial Information Processing" and the robust hardware infrastructure of the "Intelligent Cloud Network." It performs identity verification operations by assessing the user's identity, liveness, and awareness through complex AI algorithms, achieving an accuracy rate of over 95%.

Knowledge-based products and equipment

•› Rasad (Video Surveillance Software)

| AI | WebApp |

Kama Co.

www.kama-co.net

Product Introduction: ‹ ›

Rasad is a comprehensive Video Management Software (VMS) designed specifically for managing surveillance camera images. It offers a range of features including image display, streaming, recording, storage, playback, and centralized management of monitoring centers. Additionally, it incorporates intelligent analysis and event management functionalities for enhanced security and monitoring capabilities.

Category	Tools
Founded	2019

▼ <Application>

► Rasad is widely utilized by organizations, government agencies, municipal control and monitoring centers, security and military organizations, banks, financial institutions, factories, and industrial units. It serves as a powerful tool for surveillance and monitoring of people, work environments, and other areas requiring heightened security measures.

</Application>

✓ *This product is content-oriented software.*

⦿❯ Intelligent Safety Automation Platform

AI	WebApp

🔆 **Faradid Co.**

www.faradid.com

Product Introduction: ‹ ›
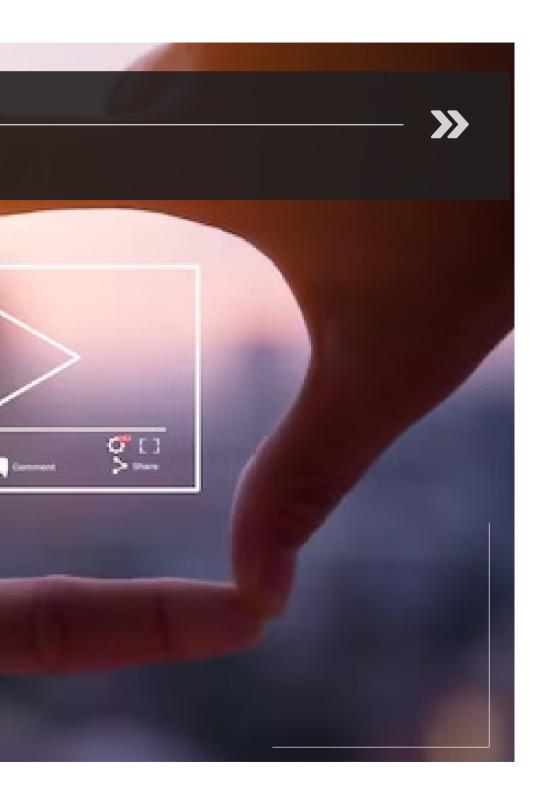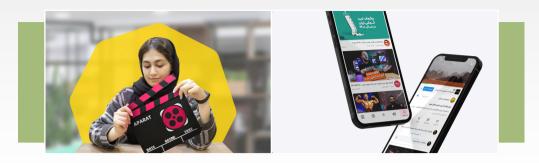
Faradid has developed advanced AI algorithms for identifying road accidents and detecting risk factors on roads. These algorithms can accurately identify various types of vehicles, such as their model, year, color, and license plate. The system is also capable of detecting different conditions like rain, snow, slippery roads, accidents, fires, and more. Initially designed for practical operational use in real-world conditions, Faradid's surveillance system has expanded to cover various industries. They offer intelligent process control, industrial environment security and monitoring, and smart control solutions.

Faradid has made significant contributions to improving safety and security in industries including oil and gas, mining, factories, pharmaceuticals, and construction. Their clientele includes top companies and pioneers in digital transformation and the implementation of intelligent solutions for enhanced safety performance. Faradid's reach extends to Asia, Europe, and Africa, serving customers worldwide.

Media

•> Aparat Video Sharing Platform

Media	Android	IOS	WebApp

Saba Idea (Aparat) Co.

www.sabaidea.com
www.aparat.com

Sabaidea

Product Introduction: ‹ ›

This product is a video content presentation platform that can play 80 million videos daily. Aparat has the ability to serve more than 60 million users on a monthly basis, and the existence of the official pages of the country's official authorities on this platform is one of its other features.

↓	**Installations and Users**	More than 10 million users
	Category	Media
	Age Group	+12
	Founded	2010

▼ \<Application\>
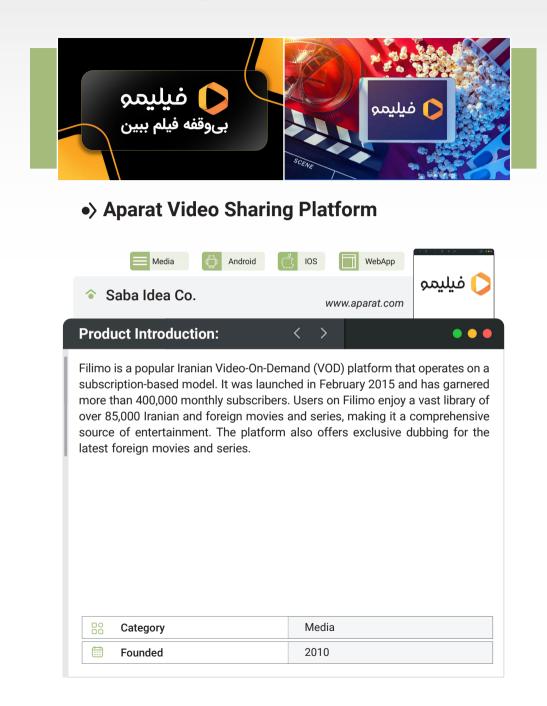
► To share and watch videos

\</Application\>

✓ *This product is a content-oriented platform.*

Product details	Cafe Bazaar	Sib App
Downloads	+10,000,000	+240,000
Rated	4	4.3

●〉 Aparat Video Sharing Platform

| Media | Android | IOS | WebApp |

⌂ Saba Idea Co.

www.aparat.com

Product Introduction: ‹   ›   ● ● ●

Filimo is a popular Iranian Video-On-Demand (VOD) platform that operates on a subscription-based model. It was launched in February 2015 and has garnered more than 400,000 monthly subscribers. Users on Filimo enjoy a vast library of over 85,000 Iranian and foreign movies and series, making it a comprehensive source of entertainment. The platform also offers exclusive dubbing for the latest foreign movies and series.

	Category	Media
	Founded	2010

▼ \<Application\>

► Filimo offers several features to enhance the user experience, including the ability to choose language and subtitles in Persian or English. It also caters to users with visual or hearing impairments by publishing movies and series with special accessibility options. Additionally, users can select age ratings to access child-friendly content.

\</Application\>

✓ *This product is a content-oriented platform.*

•⟩ Video and Live Streaming Platform

| Media | WebApp |

Arvan Cloud (CDN) Co.

www.arvancloud.com

Product Introduction:

The Video Streaming and Live Broadcasting Platform developed by Novin Abre Arvan Company enables users to stream and broadcast live video content. Users can submit their videos to the server, where they are distributed and converted into Arvan's player and dash/hls links. The platform is seamlessly integrated with Arvan CDN, ensuring efficient delivery of video content from the nearest geographical point to the end-users. This optimized delivery minimizes latency and provides a fast streaming experience. The platform also boasts simultaneous responsiveness to an unlimited number of users and incorporates robust content security features.

	Category	Media
	Age Group	+12
	Founded	2015

▼ <Application>
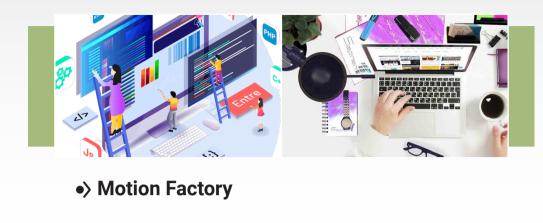
  ► This platform is widely used for live streaming various events, including conferences, concerts, and speeches, over the internet.

</Application>

✓ *This product is a content-oriented platform.*

▼ <Technical Specifications>

  ► The conversion process is such that the data is received through the API and transferred to a Message Broker after changes and validation. The only difference is that push and pull methods are used to receive the input stream. The infrastructure section receives the data and the conversion process is performed simultaneously using GPU Acceleration technology.

  ► After the above steps, the API is called back and the information is returned to the API and the database is updated.

  ► The conversion process includes several steps of going back and forth to the infrastructure and calling back to the API, which includes receiving the stream, converting and preparing the stream, and creating a configuration file for the player, which finally streams the stream with different qualities on the specially developed player of Abrarvan.

</Technical Specifications>

•› Motion Factory

Media   WebApp

Airin Media Co.

www.airinmedia.com

Product Introduction: ‹   ›   ● ● ●

Ayreen Pars Media Company introduces Motion Factory, an extension designed for project management within Adobe After Effects software. This extension enhances project file management by allowing users to handle active or inactive projects directly within the After Effects program. Activities such as file relocation and creating new file structures can be efficiently performed. Additionally, users can adjust layer settings in a more user-friendly environment using the extension's features.

↓	**Installations and Users**	More than 250,000 users
░	**Category**	Tools
📅	**Founded**	2013

▼ <Application>

   ► Project management in companies, organizations and private and governmental   institutions

</Application>
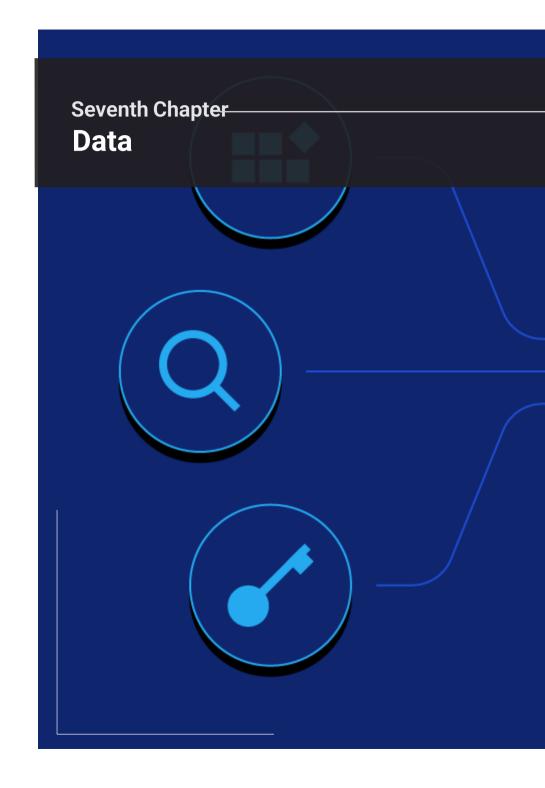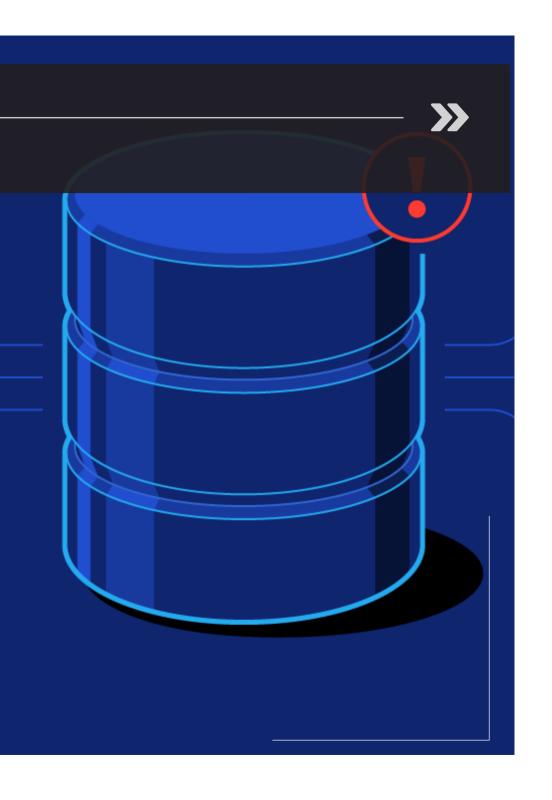
✓ *This product is application software.*

▼ <Advantages>
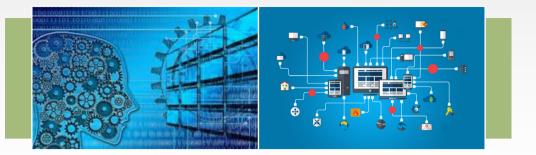
   ► Utilization of the latest programming technologies
   ► Compatibility with the latest versions of Adobe software
   ► Facilitation of project management for all users
   ► User-friendly interface

</Advantages>

⦿⟩ HASHTAG Virtual Space Monitoring System

	Data		WebApp

⌂ **Homa Plus Co.**

Product Introduction: ‹ ›

The Hashtag Virtual Space Monitoring System is a data collection platform that enables businesses and organizations to gather valuable insights from social media conversations and interactions. With Hashtag, users can analyze and monitor data from various sources, including domestic and international news agencies, important news websites, and popular social networks such as Twitter, Telegram, and Instagram. The system utilizes advanced scientific techniques to process the data and extract precise analysis, presenting the results through dedicated dashboards. One of the products offered on this platform is the Hashtag Monitor, which provides real-time monitoring of news, opinions, and user messages related to the organization or the requesting company.

	Category	Tools
	Age Group	+12
	Founded	2005

\<Application\>

- ► Public relations departments can monitor news and related content about their organization or company
- ► Marketing teams and advertising agencies can identify influential media outlets
- ► Market studies and measurement of campaign effectiveness
- ► Research and media groups for surveying and trend analysis
- ► Regulatory organizations such as the Stock Exchange Organization for regulatory work on symbols, etc.

\</Application\>

✓ *This product is an application system.*

\<Technical Specifications\>
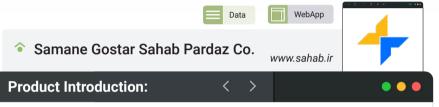
- ► **The key features and characteristics of the Hashtag Virtual Space Monitoring System include:**
    - ❊ Real-time data collection and presentation in customizable information dashboards
    - ❊ Grouping monitoring topics using defined sets of keywords or key phrases with logical operators (AND, OR, NOT)The possibility of automatically categorizing the content in nearly 50 thematic categories and sub-categories (economic, political, sports, etc.)
    - ❊ Automatic categorization of content into nearly 50 thematic categories and subcategories (e.g., economy, politics, sports)
    - ❊ Timeline display of published content, including copies and reposts
    - ❊ Automatic analysis of content bias in three categories: positive, neutral and negative
    - ❊ Detection of duplicate content across different sources
    - ❊ Analysis of content distribution and presentation of probable propagation trees
    - ❊ Search and filtering capabilities
    - ❊ Ability to add new sources to the system
    - ❊ Multiple output delivery options, including web services, web pages, mobile apps, Telegram channels, emails, Office files, or PDF files
    - ❊ Media analysis based on various criteria such as influence level

\</Technical Specifications\>

◉〉 Sahab's Comprehensive Big Data Solution (Sahab BigData)

| Data | WebApp |

☁ Samane Gostar Sahab Pardaz Co.   *www.sahab.ir*

Product Introduction:

This product is designed in order to solve the complex problems of the field of big data in the country and for large organizations and companies, which according to the type of data and analysis required by the customer, his need and his specific business logic is customized and operated as a combination of advanced hardware and software. The stages of design and operation of this solution, regardless of the order and sequence of its implementation, are summarized as follows:

- ⁕ Creating the necessary distributed infrastructure completely and in the form of Zero Ground to Bare Metal, including network design and infrastructure map, preparing a list of hardware and network equipment, installing, setting up and operating the infrastructure.
- ⁕ Preparation and launch of the storage platform for the raw version of big data in a way that can be connected to data input.
- ⁕ Optimizing data receiving modules and storing them in raw form
- ⁕ Perform pre-processing on the data according to the required analysis
- ⁕ Implementing various analytical modules and performing various analyzes on customer data
- ⁕ Creation of report management layer and visualization according to the required reports
- ⁕ Deployment of operation service and maintenance of hardware and software by SRE team

⊞	Category	Information
☑	Founded	2014

▼ **<Application>**

  ► An infrastructure for processing very high volumes of logs and presenting reports based on them

</Application>

✓ *This product is data management, analysis, access and delivery software.*

▼ **<Technical Specifications>**

  ► **Small scale:** Input of 10,000 records per second, cluster consisting of 200 machines, processing power of 2 Terahertz, RAM memory of 3 terabytes, data storage space of 2 petabytes

  ► **Medium scale:** Input of 50,000 records per second, cluster consisting of 200 machines, processing power of 15 Terahertz, RAM memory of 20 terabytes, data storage space of 10 petabytes

  ► **Large scale:** Input of 3 million records per second, cluster consisting of 1000 machines, processing power of 40 Terahertz, RAM memory of 120 terabytes, data storage space of 60 petabytes

</Technical Specifications>

⦿ RABIT

| Data | WebApp |

⬆ **Vista Group (RABIT) Co.**   *www.rabit.ir*

Product Introduction: ‹ ›

RABIT is an infrastructure designed for the collection, analysis, and visualization of studies, surveys, and research in various fields. It provides users with the ability to define their own questionnaires, processes, rules, users, and access levels, allowing for efficient data collection. Users can initiate the data collection process using software on mobile or web platforms. The collected data can then be subjected to qualitative and quantitative (descriptive and analytical) analysis using the built-in analytical tools.

International Standards or Permissions:
❋ OWASP
❋ CFR 21 Part 11- Electronic Data Capture
❋ GCP- Clinical Trial

⬇ **Installations and Users**	More than 500 users
⬚ **Category**	Information
☑ **Founded**	2018

▼ **\<Application\>**

► In research centers, hospitals, universities of medical sciences, the Ministry of Health and other organizations active in the field of health in order to collect statistics and compile useful databases.

\</Application\>

✓ *This product is data management, analysis, access and delivery software.*

▼ **\<Advantages\>**
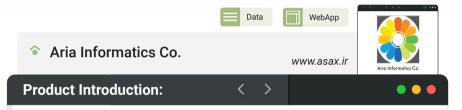
► Low cost compared to enterprise software
► High flexibility in conducting research and studies
► Data integration through separate projects
► Data collection, analysis and visualization in only one platform

\</Advantages\>

●› Electronic Medical Records Processor System

	Data		WebApp

Aria Informatics Co.

www.asax.ir

Aria Informatics Co.

Product Introduction: ‹ ›   ● ● ●

The Electronic Medical Records Processor System is designed to streamline the process of uploading patients' medical documents for review by insurance experts. It facilitates the creation of medical records for patients, allowing healthcare providers to submit patient documents to insurance authorities. After review by experts, relevant expenses can be processed. Furthermore, the collected information can be utilized for medical information analysis at the national level, providing insights into healthcare utilization, medication usage, disease prevalence, and more..

	Category	Tools
	Founded	2012

▼ \<Application\>
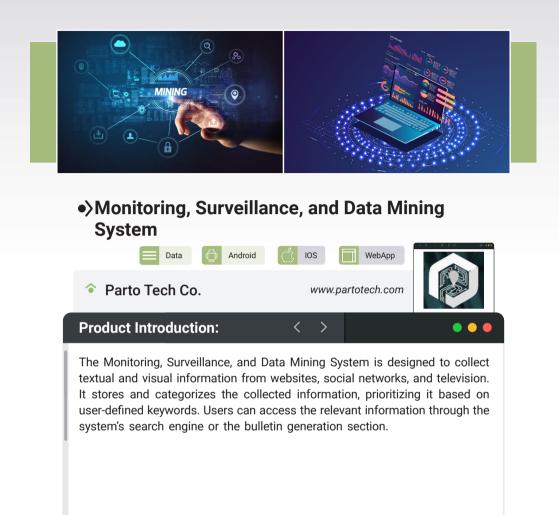
▶ Receiving medical documents electronically from medical insurance companies (basic and comprehensive) and preparing and sending them

\</Application\>

✓ *This product is an organizational application system.*

❖ Monitoring, Surveillance, and Data Mining System

| Data | Android | IOS | WebApp |

Parto Tech Co.   *www.partotech.com*

Product Introduction: ‹ ›

The Monitoring, Surveillance, and Data Mining System is designed to collect textual and visual information from websites, social networks, and television. It stores and categorizes the collected information, prioritizing it based on user-defined keywords. Users can access the relevant information through the system's search engine or the bulletin generation section.

Installations and Users	More than 450 users
Category	Information
Founded	2009

▼ **\<Application\>**

- ► This system is beneficial for public relations departments of organizations, government entities, marketing departments of companies, economic enterprises, as well as public figures and personalities

\</Application\>

✓ *This product is data management, analysis, access and delivery software.*

●❯ Pushe (Smart Statistics, Analysis, and Interaction)

| Data | WebApp |

☁ **Ronash Co.**

www.ronash.co
www.pushe.co

Product Introduction: ❮ ❯

Pushe is a versatile tool designed for sending notifications across various platforms, including Android mobile phones and the web. This product also includes additional features such as the S-Table service, which enables the presentation of reports and analysis on mobile phone data, and the alert restock tool, specifically developed for Shopify to send messages to customers when a product becomes available.

	Category	Tools
	Founded	2015

▼ <Application>

- ► Companies and institutions that seek to receive statistical information on the usage and manner of usage of software in the virtual space.
- ► Mobile and web software developers
- ► The restock alert tool is also specifically developed for online stores.

</Application>

✓ *This product is data management, analysis, access and delivery software.*

⦿〉 Setareh Data Analysis Solution

	Data		WebApp

⦿ Mohaymen Co.

www.mohaymen.ir

Product Introduction: 〈 〉

The Setareh data analysis solution comprises a collection of software modules that can be customized by Mehiman's specialists to meet the specific data utilization needs of large customer organizations. It addresses various objectives, including fraud detection, revenue assurance, solving complex cases, monitoring and predicting industrial equipment failures, and enabling intelligent data-centric operations. The solution provides integrated and comprehensive systems for achieving these objectives.

	Category	Information
	Founded	2010

▼ <Application>

► The Data Analysis Star Solution is primarily intended for the information technology units of large organizations such as telecommunication operators, banks, insurance companies, regulatory authorities, and more.

</Application>

✓ *This product is data management, analysis, access and delivery software*

▼ <Technical Specifications>

► The Data Analysis Star solution consists of five main functions, which are:
1. Data Integration (a client-server architecture software based on .NET technology)
2. Data Warehousing
3. Data Analysis
4. Statistical Analysis
5. Alert Analysis and Investigation

</Technical Specifications>

●› Processes, Document and Data Management System DMS (SAMFAD)

| Data | WebApp |

Vorna Vista Vira Co.

www.vornavista.ir

VORNAVISTA

Product Introduction: ‹   ›   ● ● ●

SamFad is a comprehensive document management system that offers users a wide range of integrated features. These include simultaneous editing, document sharing, access level management, activity monitoring, comprehensive reporting, version control, and change history. With over 80 main features and 500 sub-features, SamFad provides a robust solution for electronic document management.

Category	Tools
Founded	2020

▼ \<Application\>

► SamFad is suitable for legal entities, business owners, and any group dealing with a large volume of documents that require efficient electronic management

\</Application\>

▼ \<Technical Specifications\>

► High processing speed

► Simultaneous editing and collaboration capabilities

► Supports both cloud server and local server modes

► Provides an API for communication

\</Technical Specifications\>

●❯Business Intelligence

| Data | WebApp |

Son Co.

www.son.ir

سان

Product Introduction: ❮ ❯

Son is a Business Intelligence (BI) solution that has successfully ventured into international markets by executing Big Data and BI projects and staying in sync with the latest global technology trends. With a team of experienced consultants and strategic collaborations with leading domestic and international partners, Son delivers tailored IT solutions to organizations and companies. By identifying customer needs and providing suitable solutions, Son empowers managers to make informed decisions.

▼ \<Application\>

- ► Business Intelligence
- ► Spatial Business Intelligence
- ► Organizational Performance Management
- ► Fraud Detection and Prevention
- ► Anti-Money Laundering

\</Application\>

✓ *This product is an application system.*

◉ Online Fraud Detection System for Suspicious Transactions (Financial, Card, Internet Bank)

Data	WebApp

📶 Tosan Intelligent Data Miners Co.

www.tidm.ir

TOSAN
Intelligent Data Miners

Product Introduction:

"Financial Raviyar" system has been developed with the goal of real-time monitoring and control of financial documents, providing banks and financial institutions with instant information about the flow of documents and financial transactions. Additionally, the system allows banks to prevent the issuance of specific documents that violate organizational policies.By providing real-time statistics on the financial status of accounts,branches, and immediate notification in case of issuing specific documents,and controlling the flow of documents based on predetermined conditions,the system helps banks maintain the efficiency of centralized banking systems and assists them in monitoring the financial flow of the bank and making immediate decisions. "Modern Raviyar " system is designed for detecting and preventing fraud and misuse of customer accounts based on online analysis of internet banking transactions. The system analyzes user behavior in interaction with the internet banking interface in real-time and reports suspicious activities to the internet banking system for immediate action. In addition to extracting the geographical location from IP addresses, the system also extracts device information and performs necessary analyses based on that data.

The objective of this system is to detect fraudulent card transactions and, if necessary, block them in real-time. The system identifies behavioral changes of entities involved in transactions using data mining techniques and reports them to the switch. Intelligent behavior analysis and detection of suspicious flows are performed in this module.

	Category	Security
	Founded	2010

▼ **<Application>**

  ► **Financial Raviar**

    ❋ Raviar Financial consists of three subsystems: «momentary monitoring», «warning» and «conditional rules». Real-time graphs, comparison of turnover of departments with defined indicators and the possibility of rooting events are features of the real-time monitoring subsystem. Real-time statistics in the form of various dashboards provide the bank with a comprehensive view of the turnover of departments and branches.

  ► **Raviar Modern**

    ❋ Internet Bank Raviar (Modern) consists of two main subsystems: «conditional rules» and «behavior analysis». The «Conditional Rules» subsystem makes it possible for the bank to define its desired conditions and control policies to control transactions. With the help of this subsystem, the bank will have comprehensive control over «transaction», «recent user behavior», «recent IP behavior», «recent card/deposit behavior».

  ► **Raviar Card**

    ❋ Analyzing the behavior of the entity involved in the card transaction and the terminal is done by modeling the behavior of the entity in the last few months and detecting changes in its behavior using outlier or abnormal data detection techniques.

</Application>

▼ **<Technical Specifications>**

  ► **Code Development Mechanism:** Agile methodology

</Technical Specifications>

✓ *This product is data management, analysis, access and delivery software.*

▼ **<Advantages>**

► **Financial Raviar**
·Real-time dashboard presentation of financial flows of various dimensions
·Real-time deviation reports of financial indices from normal values
·Extraction of normal ranges for indices based on historical data of issued documents on account levels
·Definition of risk conditions for immediate notification in case of issuing documents with specific conditions
·Root cause analysis of abnormal conditions using momentary analysis
·Application of control policies on documents using conditional rules
·Control of document flow on account or branch level

► **Modern Raviar**
·Real-time online analysis of user behavior (e.g., device changes, rapid geographical changes, transactions from new cities or countries)
·Real-time online risk analysis of IP addresses (e.g., control of successful/ unsuccessful transactions, detection of attacks, etc.)
·Real-time online risk analysis of card/deposit behavior (e.g., transaction amount, cumulative amounts, transaction repetition, transaction timing, etc.)
·Definition of conditional rules for transaction parameters, user behavior, IP, and card/deposit
·Definition of blacklists and whitelists for users, IP, and card/deposit
·Online authorization upon identity verification in internet banking
·Online reporting of transaction risk status and scenario events

Raviar Card
·Modeling the historical behavior of cards, terminals, and destination cards (traffic, amounts, etc.)
·Real-time online detection of normal behavior using data mining algorithms
·Definition of conditional rules for transaction parameters, card/terminal behavior
·Definition of blacklists and whitelists for users, IP, and card
·Receiving transactions via standard web service from the card switch
·Utilization of unsupervised data mining algorithms for detecting suspicious behavior
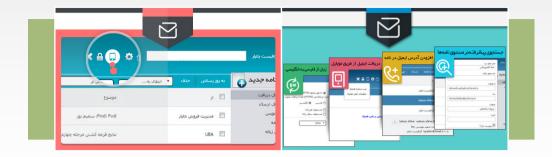
●› Chapar E-Mail

	Platform		WebApp

Fanavaran BartarAndish Farsab Co.

www.chaapaar.ir

Product Introduction: ‹ ›

Chaapaar Electronic Email is a comprehensive service and software infrastructure designed for email-based communication and related capabilities such as calendars, contacts, and document storage. It offers the following features:

* Integration with the cloud computing layer for Autoscaling and resource management
* Management module of different access channels
* Request management module
* Central Authentication Service
* Providing hierarchical management capability according to the required accesses
* The ability to expand the service according to the requests entered into the system

↓	**Installations and Users**	More than 500,000 users
⊞	**Category**	Tools
📅	**Founded**	2011

▼ **<Application>**

   ▶ Primarily used to provide email services

</Application>

✓ *This product is an application platform.*

▼ **<Technical Specifications>**

   ▶ Agile development methodology

   ▶ Maintaining Cloud Storage information

   ▶ CAS authentication

</Technical Specifications>

●〉"There" Team Communication and Remote Work Software

| Platform | Android | IOS | WebApp |

☁ Fan Avaran Borna Co.

Product Introduction: 〈 〉

"There" is a versatile software solution designed for online and offline communication, particularly for teams and companies engaged in remote work. It offers various features including messaging, group and channel creation for sharing messages and files, audio and video calls, screen sharing, collaborative work with separate input devices, and the ability to manage multiple teams simultaneously through tabs.

🔲	**Category**	Tools
📅	**Founded**	2019

▼ \<Application\>

► This product is used for holding meetings or team and group work online and is used in companies that have remote workers.

\</Application\>

✓ *This product is a business platform.*

▼ \<Technical Specifications\>

► Media transfer is done person-to-person or P2P by WebRTC technology.

► Audio and video calls, screen sharing, and remote control are supported.·

► Utilizes a microservices architecture

\</Technical Specifications\>

●› Digital Service Platform

Platform | WebApp

🌐 **Behpardaz Jahan Ltd. Co.** *www.behpardazjahan.com*

Product Introduction:

The Digital Services Platform provides an integrated infrastructure that enables efficient interactions between service providers and users. It offers digital services through channels such as SMS and USSD, manages the customer lifecycle effectively, and delivers personalized services via appropriate communication channels.

Service providers connect to the Digital Services Platform through APIs, while users access the services through a user-friendly interface. Each user can combine and utilize multiple tools and access the relevant services as needed.

Category	Infrastructure
Founded	1995

▼ **\<Application\>**

- ► The Digital Services Platform serves as a platform where businesses or service providers offer their services to end users who can benefit from the integration of services provided by various publishers on the platform.

\</Application\>

✓ *This product is telecommunication insfrastructure software.*

•❯ Sabaresane News Automation

Platform	WebApp

🔆 Nastooh Co.

www.nastooh.ir

Product Introduction: ❮ ❯   ● ● ●

Saba Newsroom is a comprehensive news package designed to meet the requirements of medium to large news agencies. It utilizes the latest web technologies and prioritizes ease of use. The user interface is simple and enjoyable, providing a seamless workflow experience.

The system operates on a workflow-based structure, where each user can access their relevant workflow or sub-workflows. Editors and chief editors can view shared news within their workflow, while other users have exclusive access to their dedicated workflows.

🔲 **Category**	Media
🗓 **Founded**	2013

▼ <Application>

- ► News agencies
- ► News sites
- ► Public relations

</Application>

✓ *This product is content-oriented software.*

▼ <Technical Specifications>

- ► **The technologies used are:**
  - ❋ Java
  - ❋ Spring
  - ❋ Spring security
  - ❋ Hibernate
  - ❋ **Db:** MySQL/SQL Server
  - ❋ Solr
- ► **Cache:**
  - ❋ Cache2care
  - ❋ Warnish
  - ❋ Guava
- ► **For AI:**
  - ❋ Python
  - ❋ Tensorflow

</Technical Specifications>

•›Taaghche

| Platform | Android | IOS | WebApp |

 Ide Talaye Hatef Smart Service Co.
www.taaghche.com

Product Introduction:

Taaghche is a platform that facilitates legal access to digital and audio versions of books. It serves as a connection point between publishers and readers. Publishers can distribute electronic or audio versions of their books to a wider audience through Taaghche after obtaining publishing permission and ISBN. Taaghche collaborates with publishers, providing tools for content distribution, generating various reports, and allowing publishers to focus on producing quality content while minimizing sales and marketing efforts. The platform also optimizes the digital content to enhance the audience's reading experience.

Category	Platform
Founded	2013

Knowledge-based products and equipment

•⟩Fidibo

Platform	Android	IOS	WebApp

🏠 Firouzan Electronic Book Creation Co.

www.fidibo.com

Product Introduction: ⟨ ⟩

Fidibo is a cross-platform application available for mobile, tablet, and desktop devices. It enables legal reading of e-books and audiobooks. Users can access the Fidibo website and application without registration or payment to read free books and sample versions. However, full access to the purchase feature is only available to registered users with an account on the Fidibo platform. Fidibo aims to provide fast and easy access to high-quality books and magazines in multiple languages. With support and technical offices in Spain, Lebanon, and Iran, Fidibo strives to fulfill its mission. The website allows users to browse the bookstore, make purchases, leave comments, and view sample versions. To download and read complete books, users need to install the Fidibo application on their smart devices.

🔲 **Category**	Platform	
☑ **Founded**	2013	

Knowledge-based products and equipment

◉〉Large Enterprise Software Production Line (WISE Solution)

| Platform | WebApp |

Avan Software Technology Advisors Co.

www.asta.ir

Product Introduction: ‹ ›

Aavan Software Industry Consultants offers a solution for developing large organizational software. This solution provides ready-made applications and libraries to facilitate the development of services and microservices. It includes tools for code generation and automated testing, along with a specialized framework for organizational solutions. The capabilities of this solution are provided to the production team in several areas:

1. Ready applications such as security services, BPM, dashboard, etc.
2. Libraries to facilitate the production of new and efficient services and microservices
3. Tools such as code generator, automatic testing tools, etc.
4. Knowledge: Methods of using production line components and other requirements
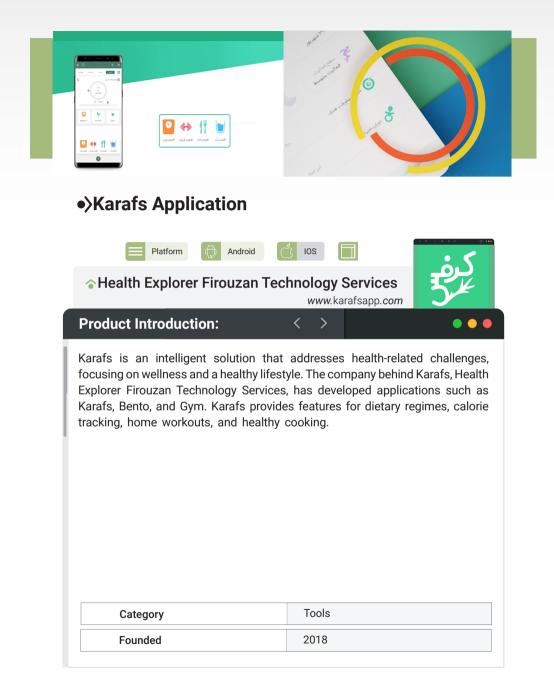
Category	Tools
Founded	2004

▼ \<Application\>

> ► Large organizations seeking to develop complex software solutions can benefit from this product. It is designed to facilitate the development process and minimize risks

\</Application\>

✓ *This product is an organizational application system.*

●›Karafs Application

| Platform | Android | IOS | |

⌂Health Explorer Firouzan Technology Services

www.karafsapp.com

Product Introduction: ‹ ›

Karafs is an intelligent solution that addresses health-related challenges, focusing on wellness and a healthy lifestyle. The company behind Karafs, Health Explorer Firouzan Technology Services, has developed applications such as Karafs, Bento, and Gym. Karafs provides features for dietary regimes, calorie tracking, home workouts, and healthy cooking.

Category	Tools
Founded	2018

▼ **\<Application\>**

 ► Individuals interested in maintaining a healthy lifestyle can utilize Karafs. It offers practical tools and features related to diet, exercise, and healthy cooking.

\</Application\>

✓ *This product is a practical system in the field of health*

•❯ Ershan Media(Analytical Social Media for Capital Markets)

| Platform | WebApp |

☁ **Arshen Comprehensive Solutions Co.**
www.nahayatnegar.com

Product Introduction:

This social network has provided the infrastructure for social trading in the capital market. Social trading is a way of investing based on collective wisdom and by sharing trading ideas and the achieved performance of each investor. People who are active in the capital market can interact and exchange opinions with others in this specialized social network, use and analyze published reports and analyses.

	Category	Media
	Founded	2014

▼ \<Application\>

  ► Stock and securities brokers

  ► Capital market participants (investors in the stock market)

\</Application\>

✓ *This product is an interactive platform.*

●〉 Dana Comprehensive Software

Platform WebApp

☁ Dana Pardaz Qeshm Co.   *www.danapardaz.net*

Product Introduction: 〈 〉

Dana Comprehensive Software is a CRM (Customer Relationship Management) solution designed specifically for sales, marketing, and customer service teams. It provides integrated tools and capabilities to enhance the efficiency and productivity of professional sales teams. Dana automates tasks, reduces costs, and helps increase revenue through its features tailored to sales, marketing, and customer service functions.

	Category	Tools
	Founded	2006

▼ \<Application\>

- ► Large government organizations
- ► Banks
- ► Middle-market and large companies
- ► Modern and attractive user interface
- ► Automation of tasks and increased productivity
- ► Dashboard and report generation

\</Application\>

✓ *This product is management software for services, systems and endpoints.*

•>Achareh

	Platform		Android		IOS		

⌂Sanagostar Sabz Co.

*www.*achareh.*com*

Product Introduction: ‹ ›

Achareh is a platform that allows users to easily order various home services through their website and application. From cleaning and hospitality to home renovation and decoration, Achareh connects users with certified and specialized service providers. The platform incorporates a customer evaluation and rating system to continuously improve service quality, offering higher standards compared to traditional service providers.

Category	Tools
Founded	2016

▼ \<Application\>

- ► Addresses customers' concerns related to home services
- ► Creates a transformation in the field of home services
- ► Generates employment opportunities for individuals with technical skills
- ► Facilitates the introduction and connection with end customers

\</Application\>

✓ *This product provides a service delivery system for home services*

●> AlaaTV LMS

Platform	WebApp

🏠 **Alaa Co.** *www.alaatv.com*

Product Introduction: ‹ ›

The ALA is an educational LMS that provides 100% free primary educational services and other essential complementary services at a low cost. It offers free educational and competitive exam preparation for junior and senior high school students with the motto "Educational Justice". The services provided are as follows:

• For junior high school: complete textbook teaching and problem-solving, called "line by line".
• For senior high school: complete subject teaching under the courses "Zero to One Hundred".
• For senior high school: improvement of test skills with the courses "Tip and Test".
• For senior high school: exam preparation under the title of "Final Exam" courses.
• For senior high school: competitive exam summaries.

These sections contain more than eight thousand hours of video content.

Online and downloadable system based on educational videos.

Ability to filter and categorize content.

The attachment of the content of the videos including notes.

▼ <Application>

   ► Suitable for students, teachers, counselors, competitive exam takers, families of students, and those active in the field of curriculum education.

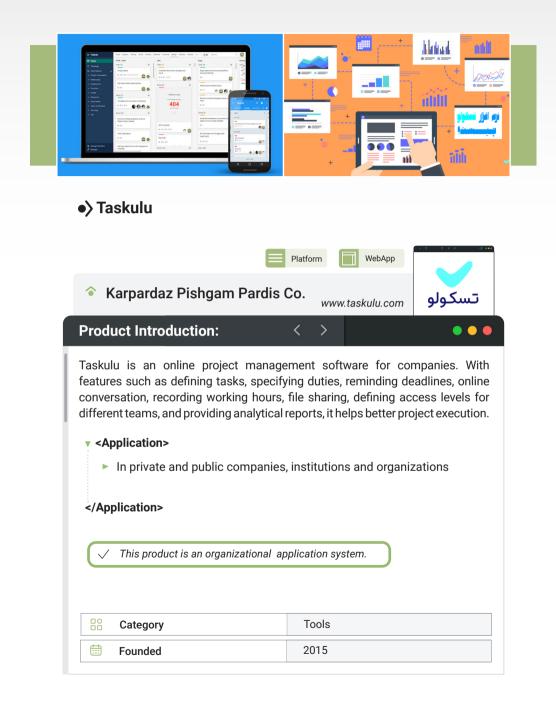**</Application>**

✓ *This product is an educational system.*

▼ <Technical Specifications>

► Optimizing the network of tcp parameters on the operating system

► Using Haproxy load balancer to divide requests between servers by using varnish cache, which ultimately results in online video streaming service and fast loading of photos according to the dimensions of the user's device, so that the user will not download a single extra pixel

► Ability to scale quickly in case of increasing the number of users

► Listable and bookmarkable video player for the first time in Iran time point

► Design and production of Auto scale infrastructure for video and audio streaming

► Designing and producing the Silk Road Map without using any external service

► Use of "as service" architecture

► PHP language with Laravel framework and opcache cache

</Technical Specifications>

↓	**Installations and Users**	More than 2 million users
⊞	**Category**	Education
📅	**Founded**	2018

●〉 **Taskulu**

Platform

WebApp

☁ **Karpardaz Pishgam Pardis Co.**

www.taskulu.com

تسکولو

Product Introduction: 〈 〉

Taskulu is an online project management software for companies. With features such as defining tasks, specifying duties, reminding deadlines, online conversation, recording working hours, file sharing, defining access levels for different teams, and providing analytical reports, it helps better project execution.

▼ **<Application>**

► In private and public companies, institutions and organizations

</Application>

✓ *This product is an organizational application system.*

	Category	Tools
	Founded	2015

- **Neshan(Comprehensive Traffic and Intelligent Transportation Map of Cities and Geographical Information Infrastructure)**

GIS   Android   IOS   WebApp

Rajman Information Structures Co.

www.neshan.org

Product Introduction:

This product offers smart city services in municipalities across the country, independent of foreign map infrastructures. The main task of this product is to perform routing that helps the user find the shortest route to reach the destination based on traffic conditions and other conditions specified by the user (such as passing through a traffic plan, etc.). The main components required for this product include: production and maintenance of urban route maps, identification of different types of users based on the type of route (pedestrian, motorcycle, ride, taxi, bus, etc.), location search, traffic prediction, identification of obstacles in routes, multi-destination routing, location-to-address conversion service, crowd-sourcing for map data production. The product also has the following features:

　❇ Public transport routing
　❇ Urban panorama images
　❇ Combining municipal data with mobile phone data
　❇ Determining license plates in urban areas

	Installations and Users	More than 25 million users
	Category	Transportation
	Founded	2007

▼ **<Application>**

► Route planning by considering the traffic and providing the best travel time based on road traffic information
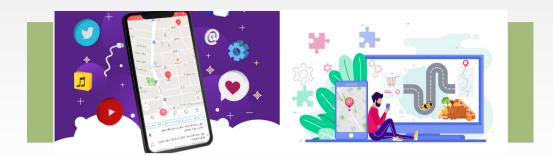
</Application>

✓ *This product is an application platform.*

▼ **<Technical Specifications>**

► **This product has been developed in three versions:** Web, Android and iOS. Implementation of different versions have been made as Native, specific to each user environment and based on the user experience of each of these environments.

</Technical Specifications>

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+10,000,000	+10,000,000	+165,000
Rated	4.6	4.5	2.8

Parsimap(Location-based Infrastructure and Services)

GIS	Android	IOS	WebApp

Gostaresh Fava Danesh Shahr (Parsimap) Co.   *www.parsimap.com*

Product Introduction:

ParsiMap offers businesses a range of location-based services and geographic information. With its robust map infrastructure and location-based services, ParsiMap provides accurate address geocoding, reverse geocoding in Persian language, map services, analysis of large spatial data, and integration of location-based services and routing processes. The key services offered by ParsiMap include precise address search, reverse geocoding based on predefined Persian language structures, and the provision of analytical maps. By leveraging the ParsiMap infrastructure, other systems can enhance their capabilities by incorporating unique features from the map services, thus improving efficiency and productivity. ParsiMap stands out for its high accuracy and efficiency, particularly with its unique ParsiMap system, effectively meeting the needs of various service systems.

The ParsiMap product integrates advanced artificial intelligence algorithms, including sophisticated search and indexing algorithms, along with custom mechanisms for rapid processing of large spatial data. It encompasses comprehensive processing of address complexities in the Persian language, including natural language processing, word ontology processing, handling of typographical errors, resolving ambiguities in addresses, processing multi-part names and old/new names, standardizing vocabulary, and analyzing geographic relationships between locations. These are just a few examples of the exclusive

and intricate features developed within ParsiMap. Other notable features of this product include:

❋ Capability of addressing and reverse addressing with high accuracy
❋ Reverse addressing with high structural accuracy and integrated with the hierarchy of country divisions including: province, city, district, town and village and statistical codes.
❋ Online processing of vector data with massive volume (possibility of processing hundreds of millions of vector data and creating analytical maps instantly)
❋ Searching urban features (vector layers) based on descriptive information and location
❋ The possibility of adding words related to the address query
❋ The possibility of processing addresses in natural language and analysis of Persian words
❋ Full analysis and processing of addressing words in the form of meaning, such as intersection, street, corner, not reached, beginning and end, etc.
❋ Managing several terabytes of raster images and providing high performance service
❋ Creating an SDK with unique features for the development of location-based systems
❋ The possibility of searching in more than 1.5 million intersections and neighborhoods and more than 2 million POIs
❋ Routing and travel time estimation with high accuracy
❋ Providing map components as a service

	Category	Transportation
	Age Group	+12
	Founded	2016

▼ **<Application>**

► ParsiMap is primarily used for location-based services and geographic information, serving as a data-driven system
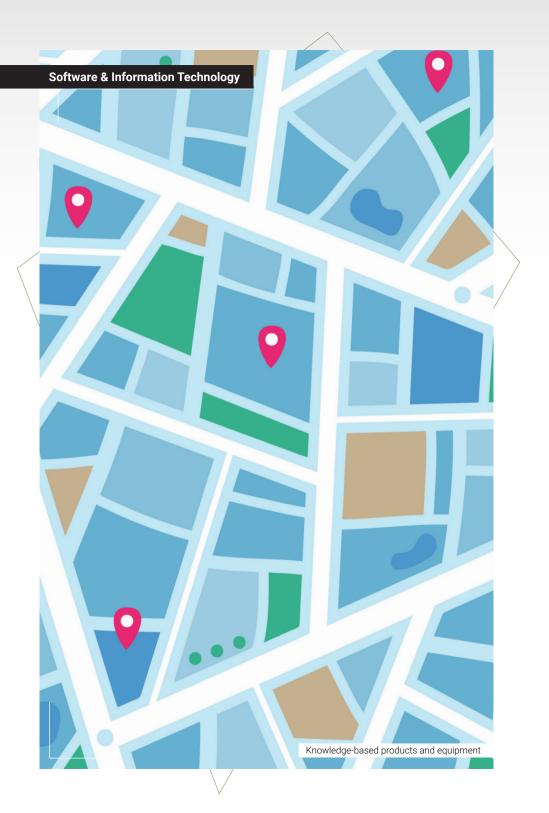
</Application>

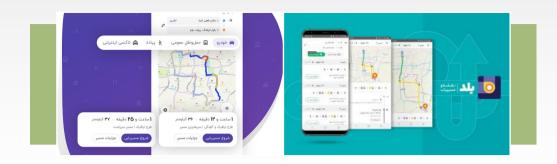✓ *This product is a system based on geospatial data.*

▼ **<Technical Specifications>**

► The architecture of the system is formed from the combination and application of different architectural patterns. At the highest level of architecture, based on the architecture model, Representational State Transfer has been used to meet the need of interactivity. In the middle part, a middleware has been developed based on the Publisher-Subscriber model to create a public data space.

► The architecture of this middleware is inspired by the DDS architecture, which provides a data access middleware.
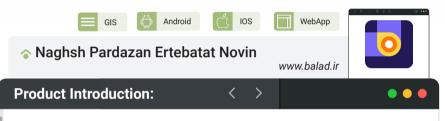
</Technical Specifications>

Software & Information Technology

Knowledge-based products and equipment

•> Balad (Maps and Routing Guide)

| GIS | Android | IOS | WebApp |

🏠 **Naghsh Pardazan Ertebatat Novin**

www.balad.ir

Product Introduction: ‹ ›

This product is designed for city and intercity routing and caters to various segments of the population with transportation needs within urban or intercity areas. Balad offers the following capabilities for Iranian users:

❋ Provides the optimal route to a destination based on real-time traffic conditions, traffic limitations such as pollution reduction plans, and road closures

❋ Enables searching for city points, including government offices, healthcare centers, recreational centers, accommodation facilities, gas stations, and more throughout the country

❋ Offers voice-guided assistance in multiple languages and local dialects during routing, including instructions for routes, alerts, and street names

❋ Supports routing through public transportation options such as buses and taxis

⬇	**Installations and Users**	More than 18 million users
🔲	**Category**	Transportation
📅	**Founded**	2019

▼ <Application>

    ▶ Balad Maps services provides the required infrastructure to businesses offering location-based amenities to users, such as postal services, transportation fleets and transit, online businesses such as food delivery, online ordering, ride-hailing apps.

</Application>

✓ *This product is a system based on geospatial data.*

Product details	Google Play	Cafe Bazaar	Sib App
Downloads	+5,000,000	+10,000,000	+180,000
Rated	4.3	4.6	3.5

◉◈ Simac (Integrated Property Management System of the Country)

	GIS		WebApp

☁ **Idea Gostar IT Co.**

www.kerman.simac.ir

IDEA GOSTAR
Information Technology

Product Introduction: ‹ ›

Simac is a web-based system that can be used on all browsers for integrated real estate management. This system has the following capabilities and features:
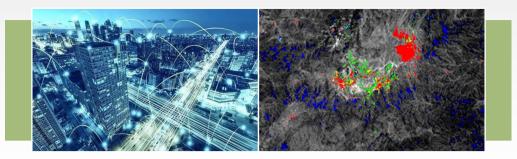
❋ Creation of property ID card in Iran - sharing real estate information on Blockchain technology –

❋ Defining the geographical scope of users' competence/controlling the scope of construction permits (blockchain smart contract)

❋ The ability to create different organizations, classification of rights to access for each organization and putting them into levels

❋ Two-way communication with other systems through web services

❋ Simak specific error handling

❋ Using the method of "Blockchain-based information sharing - shared ledger" instead of the old method of "exchange/sending and receiving/calling and receiving information" the possibility of producing and maintaining data blocks (PAdES format), which due to the use of technology (LTV: Long Term Validation) of the data block is legally valid.

⊞	**Category**	Tools
📅	**Founded**	2003

▼ **<Application>**

   ▶ Simac serves as an integrated real estate management system, providing a unified window for real estate permits
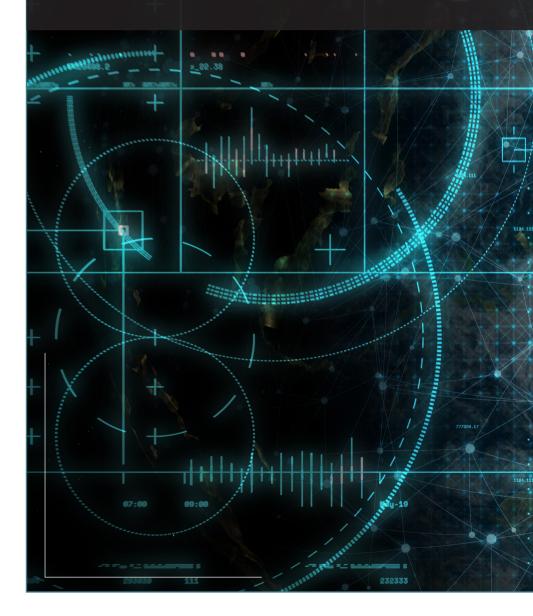
</Application>

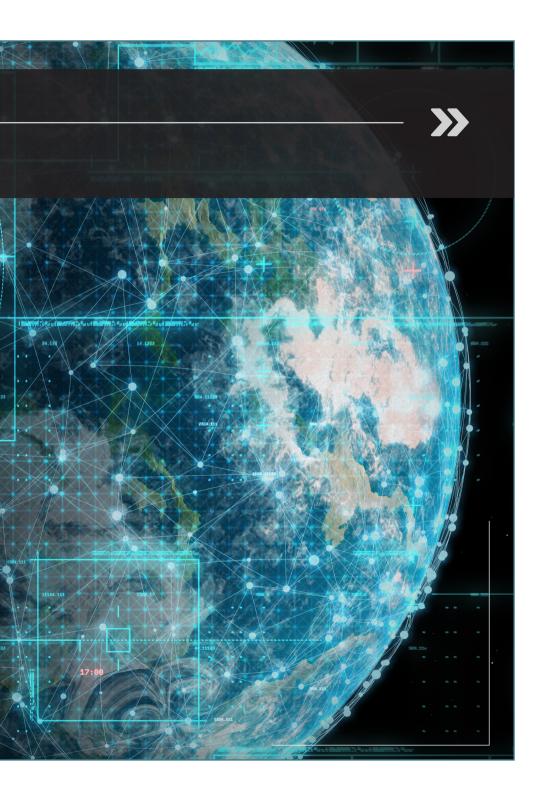✓ *This product is an organizational application system.*

●〉 Image Processing by Satellite using SIM Method

| GIS | WebApp |

⌂ Rahpouan Geomatics Development Co.

Rahpouyan

Product Introduction: 〈 〉 ● ● ●

SIM (Satellite Image Processing) introduces a novel classification method that offers enhanced accuracy and flexibility compared to common classification algorithms. This method is capable of detecting and distinguishing various natural and artificial phenomena with exceptional precision.

▼ **<Application>**

▶ SIM finds applications in space agencies and domains involving remote sensing

</Application>

✓ *This product is a system based on geospatial data.*

	Category	Tools
	Founded	2009

ERP_BPMS

17:00

•〉 Kasra BPMS

| ERP-BPMS | WebApp |

⌂ Depna Co.

www.depna.com

Product Introduction: 〈 〉

Kasra BPM (Business Process Management) is a method employed to analyze and control processes within organizations or entities. It serves as a BPMS (Business Process Management System) that assists organizations and enterprises in streamlining their missions, tasks, and services through electronic process and workflow transformation. This enables faster execution, higher quality, and improved structure and integration. Additionally, this product significantly contributes to enhancing the quality level of organizations, reducing strategic costs, and facilitating event monitoring and management.

Category	Tools
Founded	2007

▼ \<Application\>

  ► Used in business process management systems in organizations and agencies

\</Application\>

✓ *This product is an organizational application system.*

▼ \<Technical Specifications\>

  ► **Product Modules:** Business Process Management module, Form Builder and Web Pages module, Reports and Dashboards module, Customizable Card Generation module, Integration Alignment module, Integration with Other Systems module, Job module, Security module, Documentation module, Distributability module, Software Generation module, Mining Process module, Analytics module, Internet of Things module

  ► The product follows an Agile development methodology and employs a four-layer architecture that enables service provision based on service-oriented architecture (SOA)

\</Technical Specifications\>

•❯ Didgah Software

| ERP-BPMS | Android | IOS | WebApp |

⌂ Chargoon Co.

www.chargoon.com

Product Introduction: ‹ ›

Didegah is a comprehensive software suite provided as an integrated web and mobile application. It encompasses over sixty functional software applications designed to automate and streamline various administrative processes. The suite covers areas such as administrative automation, human resources, finance, logistics, and process management.

	Category	Tools
	Founded	1998

<Application>

- ► Didegah Software Suite is utilized by government and non-governmental organizations, banks, universities, as well as medium to large-sized private companies

</Application>

✓ *This product is organizational application software.*

<Technical Specifications>

- ► The iOS and Android apps of this software collection have been designed and developed regarding to the specific requirements and the features of the platforms.
- ► A vast variety of user research and user analysis has been conducted to improve the user experience in the design of the user interface.
- ► Didgah software collection has been developed with the aim of mechanization and office automation and increasing productivity in business, and by
- ► using process and business engines, it makes indigenization possible for organizations and companies with different business culture.

  A wide range of technical arrangements and actions have been accomplished to secure the software.

</Technical Specifications>

<Advantages>

- ► Integrated Data and Processes
- ► Implementation experience in various industries
- ► Security and Stability
- ► Flexibility and Customizability
- ► Web and Mobile Platform support

</Advantages>

•› Rahkaran (ERP)

ERP-BPMS	ERP-BPMS	WebApp

Hamkaran System Co.

www.systemgroup.net

Product Introduction: ‹ ›

Rahkaran offers an integrated system tailored to the requirements of organizations and companies seeking to automate their internal processes. It combines an extensive range of tools, including Enterprise Resource Planning (ERP), Business Intelligence (BI), and Business Process Management (BPM).

▼ **<Application>**

► In all medium and large companies and holding companies

</Application>

✓ *This product is an application system.*

Category	Tools
Founded	1989

Knowledge-based products and equipment

•› Peyweb system

ERP-BPMS   WebApp

⌂ **Ayin CE Service Co.**

www.aien.net

Product Introduction: ‹ ›

PeyWeb is a system designed to facilitate progress tracking, measurements, and invoicing in construction projects. It enables contractors to write and submit progress reports, which then undergo final approval by the accounts department for payments. The system calculates project adjustments based on the latest pricing indices of the Management and Planning Organization. It also performs initial project estimates, cost analysis, and quantity calculations. PeyWeb handles tasks such as preparing tender documents and proposals, project management and control, and determining physical progress based on the initial estimate and approved reports.

Category	Tools
Founded	1993

▼ <Application>

    ► PeyWeb is primarily used for project management and control by national-level employers involved in construction projects.

</Application>

✓ *This product is an organizational application system.*

●〉 Almas Gam Office Automation System

| ERP-BPMS | WebApp |

☁ **Gam Electronic Co.**

www.gamelectronics.com

شرکت گام الکترونیک
Gam Electronics

Product Introduction: 〈 〉

Almas Gam is an administrative automation system designed to meet the evolving needs of organizations in centralizing their correspondence and daily affairs. This system revolutionizes the management of correspondence and time, replacing slow and complex administrative methods with a streamlined and efficient approach. By implementing the Almas Gam administrative automation system, managers gain the ability to monitor and manage correspondence flows while accessing valuable reports on task completion speed, enhancing control and process improvement.
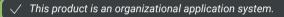
The system also facilitates the inclusion of other processes through the circulation of organizational forms, leading organizations towards a paperless environment. With benefits such as cost reduction, increased transparency and security, and improved service levels, administrative automation plays a crucial role in large and decentralized organizations. Almas Gam, a web-based solution, effectively reduces costs, increases efficiency, and enhances transparency in business processes. Additionally, the implementation of this system contributes to environmental sustainability by reducing paper consumption and eliminating archives.

Almas Gam administrative automation is currently operational in over 20 banks, major insurance companies, and numerous government and private organizations, serving thousands of individuals.

	Category	Tools
	Age Group	+12
	Founded	1988

▼ **\<Application\>**

 ► To mechanize the company's correspondence and manage the related processes

\</Application\>

✓ *This product is an organizational application system.*

●❯ Sibna(Integrated Planning, Budgeting, Monitoring, and Execution System)

ERP-BPMS   WebApp

☁ **Hasib Office Automation Co.**

www.hasibsoft.com

Product Introduction:	‹ ›	● ● ●

Sibna is an Enterprise Resource Planning (ERP) system that integrates all transactions within large organizations, including their subsidiary organizations, based on planning and budgeting. This comprehensive integration encompasses the central headquarters of the organization as well as all operational units.

▦	**Category**	Tools
📅	**Founded**	2005

▼ \<Application\>

   ► Sibna is designed for municipalities, banks, funds, insurance companies, and other large organizations consisting of subsidiary entities, enabling seamless integration of their transactions.

\</Application\>

✓ *This product is an organizational application system.*

▼ \<Technical Specifications\>

   ► System components include:
- ❊ Control Panel
- ❊ Program and budget software package
- ❊ Allocation software package
- ❊ Prime cost management software package
- ❊ Budget control application software package (mobile application)
- ❊ Software package for managing contracts (trading commission)
- ❊ Contract management software package
- ❊ Information bank of contractors and suppliers (Vendor List)
- ❊ Statements management software package
- ❊ Contractors and suppliers portal software package
- ❊ Contract management application software package (mobile application)
- ❊ Software package for providing goods and services
- ❊ API Center software package (from the Energy Observatory department)
- ❊ Financial and strategic energy management software package - Energy engineering analysis dashboard software package
- ❊ Mobile application for energy managers
- ❊ Financial system intelligence software package
- ❊ Data warehouse (ETL) section
- ❊ BI section and dashboard maker
- ❊ API Gateway section
- ❊ Users' folders and dashboard
- ❊ Geographical control software package (GIS)

\</Technical Specifications\>

•> Payvast Electronic Organization

| ERP-BPMS | WebApp |

Payvast Software Group

www.payvast.com

Product Introduction: 〈   〉

This product is a set of modules needed to manage the automation of organizational resources of a medium or large organization, including financial accounting, human resources, administrative automation, general programs and practical tools. The user can manage his personnel and manpower information in the organizational resources section while defining organizational structures, including organizational units, organizational positions, job and job classification, etc. Also, the user can manage their organizational routines by defining his/her own organizational rules and systems in various fields of human resources such as recruitment, attendance, salary and payment system, mission, facilities, welfare facilities, supplemental insurance, encouraging and punishing, evaluating and hiring.Finally, it can receive the results and outputs of the system or design the desired outputs.

In the financial sector, the user can also use software for accounting, foreign exchange, treasury, trading, warehouse and goods, fixed assets, contracts and contracts, construction and production, budget and credits, holding and financial centers.

In the administrative automation, it is possible to do all the administrative operations of the organization and its correspondence in paperless and electronic form; All secretarial operations and correspondence, workflows and administrative forms

can be done through the web-based administrative automation dashboard. Archiving and document management, meeting management, sending and receiving inter-organizational and intra-organizational correspondence, form-builders and workflow engines are included in this section of products.

Tools are a collection of software that are especially important as server and complementary systems for attached subsystems. The main goal of designing and developing the tool is to facilitate that part of the operation that is superior to several subsystems and in most cases, they are used axially and centrally.

The design and development of this category of software is based on object-oriented design, so that they can be used effectively along the mentioned goal, which include the features of adaptability, stability, scalability and security.

The characteristic of the mentioned tool is that it follows the general architecture of the software and has the necessary agility to perform the desired operations in connection with the subsystems. The use of tools is usually relevant in the appropriate combination of subsystems in the form of large organizations.

User management is one of the applications and tools through which, while achieving the necessary concentration in providing access, it is possible to comply with security points in a practical and desirable way. The form builder and circulation engine program is a suitable tool for implementing the circulation of ISO forms and organizational administrative forms that will flow in the framework of the electronic organization. The Peyvast information exchange service is a powerful tool for exchanging information between different versions of Peyvast administrative automation installed in different companies of a holding company, and while maintaining the independence of these companies, it brings the integrity of circular letters and organizational references.

Using the Peyvast report generator can be considered as a complementary tool for designing unusual types of reports as desired by the user in different Peyvast subsystems.

Communication services are a set of tools for software of the Peyvast electronic organization to communicate with other software of the buyer's organization, so that by using these tools and selected professional software, an integrated and coherent set of software can be launched in the buyer's organization.

Category	Tools
Founded	2005

▼ \<Application\>

► Managing the automation of organizational resources, a medium or large organization, including financial accounting, human resources, administrative automation, general programs and practical tools.

\</Application\>

✓ *This product is an organizational application system.*

▼ \<Technical Specifications\>

► The process of production of products and the infrastructure of the Peyvast electronic organization is based on agile methods and combination of the two methods of Scrum and Kanban. This process, which is called Payvast Development Framework (PDF), incorporates the outstanding features of the two mentioned methods, and due to the many revisions that have been applied in it, is now an optimal way to control and manage the process of production and storage of products available in the electronic organization.

► In the Payvast development process, the activities are not time bound and instead, a certain rhythm is used to perform the activities, and thus, the Scrum defect in dealing with unplanned activities and the manner of dealing with the remaining problems have been resolved at the end of the Sprint. On the other hand, the Kanban WIP limiting method has resulted in a uniform distribution of work in different stages of the development process. There are completely pull processes and work based on the pull mechanism.

\</Technical Specifications\>

IOT

● EZpark Parking Meter (Parking Management)

⌂ Tosan Soha Co.

www.tosansoha.com

Product Introduction: 〈 〉

EziPay is an application that offers various transportation services, including bus and metro ticket charging, single-use metro ticket purchases, parking reservation on parking meters, access permit purchases for traffic plans, observation ticket purchases for Milad Tower floors, and mobile phone charging.

Category	Tools
Founded	2010

▼ \<Application\>

    ► EziPay serves as a practical application software for transportation services

\</Application\>

✓ This product is application software.

▼ \<Technical Specifications\>

    ► **Development methodology:** SCRUM

\</Technical Specifications\>

◆› ARAIOT Comprehensive IoT Solution

IOT | WebApp

☁ **Aranuma (Arman Noavaran Mana) Co.**
www.aranuma.com

Product Introduction: ‹ ›

The ARA.IoT product is the result of combining several sub-products that provide a comprehensive solution of the Internet of Smart Things in the field of smart factories. This product includes the following subsystems:

❋ **Ara Hub:** The main platform for receiving, storing and presenting information

❋ **Ara App:** Web-based mobile application

❋ **Ara HMI:** A web and online program with a graphical view similar to the user view of the factory control room.

❋ **Ara Web:** Similar to HMI with more design and control features

❋ **Ara Dashboard:** Web and online application for defining and displaying equipment and details of factory sensors and operators, monitoring the production line, providing performance indicators (KPI) and notification of events or warnings

❋ **Ara Connect:** Includes a service in the form of hardware/software/network equipment to securely connect factory equipment to the company's cloud services.

❋ **Ara Cloud:** infrastructure and software necessary to provide cloud services to companies

❋ **Ara Analyze:** the aim of analyzing and processing aggregated data and extracting valuable information

※ **Ara Gadget:** includes a sensor package to transmit information to the gate Therefore; In this product, things such as collecting and aggregating telemetry data of different devices, the ability to warn in different dashboards and applications, the existence of appropriate security at different levels, have been implemented.

	Category	Tools
	Age Group	+12
	Founded	2017

▼ **<Application>**

► In industrial factories in order to increase productivity

</Application>
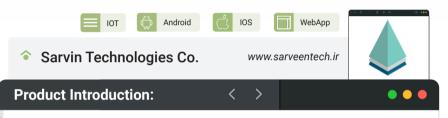
✓ *This product is an application platform.*

▼ **<Technical Specifications>**

► In the field of industrial IoT, this product has been able to implement and operate the components required for the control and monitoring of these systems in an operational example.

</Technical Specifications>

● › Sarveen Farm (Comprehensive Internet of Things Solution for Smart Farms)

IOT	Android	IOS	WebApp

☁ Sarvin Technologies Co.

www.sarveentech.ir

Product Introduction: ‹ ›

This product is related to the Internet of Things networks, which can create the biggest revolution in the communication industry. Through these networks and by using various sensors, many objects and environments that we know can become intelligent. The Internet of Things diminishes the distance between the physical and virtual worlds and makes it possible to monitor or control systems to increase efficiency, accuracy and productivity.

This technology is the creator of all the hardware and software tools of the Internet of Things and smart wearables, and specifically, the services of managing tools, managing their production process and quality control, locating and navigation, and intelligent activity identification services are now offered on this platform.

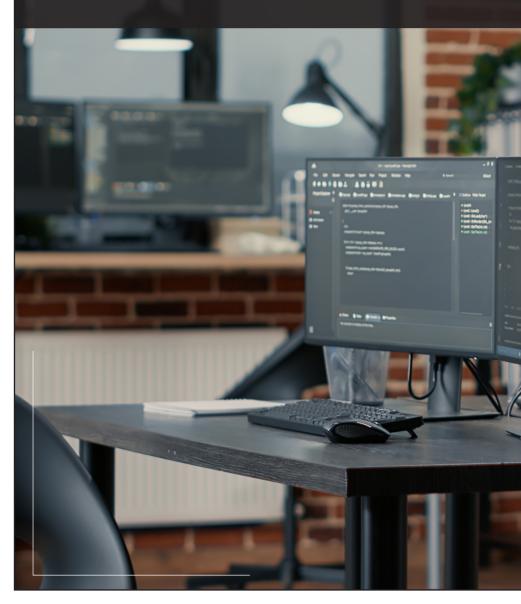| Category	Tools
Founded	2012

▼ \<Application\>

    ► In all organizations, offices and public centers in order to manage work processes,   etc.

\</Application\>

✓ *This product is an application platform.*

ICT
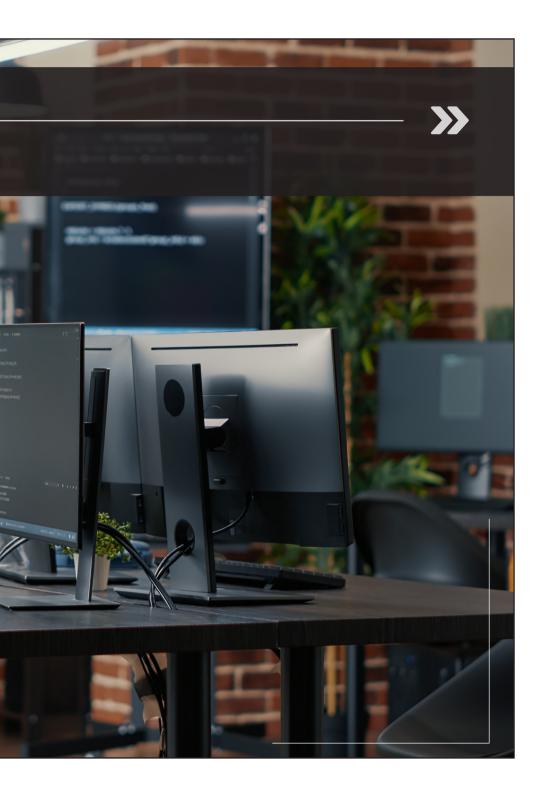
●❯ Design, Provision, Construction, Management and Support of Data Centers

| ICT | WebApp |

⌖ Aria Hamrah Samaneh Co.

www.aryahamrah.com

Product Introduction: ⟨ ⟩

According to the needs assessment of employers, including banks, companies and important national organizations, this company has provided consulting services, design, engineering, supply, installation, implementation, management and support of infrastructure and active center. This product is based on the guide structure similar to EPC and includes the process of analysis/design/ construction/supply, etc.

	Category	Tools
	Founded	2006

▼ <Application>

   ► Banks, companies and organizations

</Application>

   ✓ *This product is physical and virtual processing management software.*

▼ <Technical Specifications>

   Providing localized data center services including consulting, design and implementation and support in the physical and active infrastructure sectors:

   ► **Physical Infrastructure Section:**
   - ❈ The building system
   - ❈ Supply Power system
   - ❈ Earthing system
   - ❈ Cooling system
   - ❈ Passive communication network system
   - ❈ CCTV system
   - ❈ System of Announcement and Active section of the data center

   ► **Network section**
   - ❈ Network security section
   - ❈ Storage management section
   - ❈ Processing resources section
   - ❈ Virtualization section
   - ❈ Operating system and service section

</Technical Specifications>

⦿〉 SMS GATEWAY

ICT	WebApp	

⌖ Peyk Asa Messaging Co.

www.peykasa.com

Product Introduction: 〈 〉

This system is a system with a capacity of 15,000 messages per second, which enables sending short messages from the IP network to mobile phone subscribers. In fact, it can be said that this system is one of the elements introduced in the mobile phone network standards.

▦	**Category**	Tools
☑	**Founded**	2005

▼ <Application>

   ► To send short messages from the IP network to mobile phone subscribers

</Application>

  ✓ *This product is application software.*

▼ <Technical Specifications>

   ► Sending SRI4SM and MT forward and RSDS packets to the network, and receiving the response of the packets from the sender

   ► Receiving the AlertSC packet from the network and sending the packet response to the sender

   ► Has a performance of 30,000 TPS

   ► Using big data technologies for data storage

   ► CDR generation

   ► Monitoring and troubleshooting system

   ► System for reporting and monitoring the traffic situation

   ► Massive data system for storing and presenting annual long-term statistics to the operator

</Technical Specifications>

●〉 SAB SERIES Storage System

ICT	WebApp

High Performance Data Storage (HPDS) Co.
www.hpds.ir

HPDS

Product Introduction: 〈   〉

The data storage system is a combination of hardware, architecture, operating system and application software. This system is used to share and store information with high reliability and efficiency in data centers.
Processing and storage servers store their data on this product instead of their empty disk, which makes the information usable on other servers in case of a server failure.

	Category	Tools
	Founded	2015

▼ <Application>

► In governmental bodies and and private organizations that provide information technology services, such as banks, insurances, military and intelligence organizations, etc.

</Application>

✓ *This product is storage software.*

▼ <Technical Specifications>

► Implementation of system-class software for data maintenance and management.

</Technical Specifications>

TelC (TEL30) Multimedia Call Center Software

| ICT | WebApp |

Tel C Services Improvement Co.

www.telc.ir

Product Introduction:

This product is a multimedia contact center software with the ability to support voice calls, e-mail, fax and SMS, and it is actually a new telephone system based on the IP network. It is equipped with fax, e-mail and SMS multimedia. This software is a suitable solution for small and large companies and organizations that need inter-organizational or extra-organizational interactions via phone, e-mail, and fax. Also, it can be said that this software has the ability to integrate with organizational software such as office automation systems, customer relationship (CRM), GIS software, etc., and depending on the needs of the organization, It can be implemented with all telephone and multimedia capabilities or a combination of them. Creating after-sales service centers or relief and emergency centers are examples of the applications of this software.

Category	Tools
Founded	2005

▼ <Application>

- ► Establishing contact with the contacts of an organization through phone, SMS, fax, email
- ► Providing a centralized and complete management panel on the web

</Application>

✓ *This product is an organizational application system.*

❯ Advanced Application Systems to Support Operations and Business (BSS)

| ICT | WebApp |

Ariana Gostar Spadana Co. *www.spadana.net*

Product Introduction: ‹ ›

BSS refers to a set of application systems in the field of telecommunications, which subsystems of billing, AAA, CRM, Campaign, Marketing, Inventory, TT, BPMS, Shop in Terrace, etc, enable servicing telecommunication operators together in an aggregated set.

	Category	Tools
	Founded	2001

▼ **<Application>**

   ► Companies providing telecommunication services

</Application>

✓ *This product is a telecommunication system.*

▼ **<Advantages>**

   ► Very significant reduction in costs compared to foreign counterparts
   ► Meeting all the demands of fixed and mobile phone operators in providing various services
   ► Having the capability of Multi Service and Multi Vendor integrated system
   ► The presence of complete and independent modules (CRM subsystem - Shop subsystem - BPMS subsystem - Campaign and Marketing subsystem - Affiliate subsystem - ESB subsystem - Inventory subsystem - Call Center subsystem - AAA subsystem - Billing subsystem)

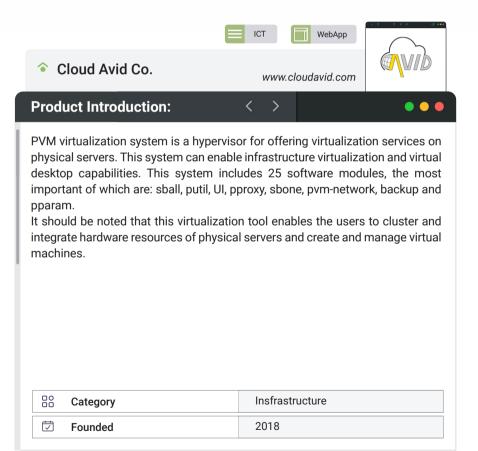**</Advantages>**

International Standards or Permissions:

Having TM Forum standards in the form of
eTOM, TAM and SID structures

Achievements in Domestic or Foreign Prestigious Events or Festivals:

❈ Chosen of the 5th National Festival of Communication and Information Technology in the field of communication networks and information technology in the section of creating and providing data center services from media and information technology
❈ Selected of the 11th festival honoring selected researchers and technologists
❈ The best organization in 2014 at the 12th National Engineering Day Conference
❈ Rank 1 in the production and support of customer order software

PVM Virtualization System (Server and Desktop)

| ICT | WebApp |

Cloud Avid Co.

www.cloudavid.com

Product Introduction:

PVM virtualization system is a hypervisor for offering virtualization services on physical servers. This system can enable infrastructure virtualization and virtual desktop capabilities. This system includes 25 software modules, the most important of which are: sball, putil, UI, pproxy, sbone, pvm-network, backup and pparam.

It should be noted that this virtualization tool enables the users to cluster and integrate hardware resources of physical servers and create and manage virtual machines.

Category	Insfrastructure
Founded	2018

▼ <Application>

► This system enables infrastructure and virtual desktop virtualization capabilities

</Application>

✓ *This product is a telecommunication insfrastructure.*

▼ <Technical Specifications>

► The core of the system is implemented in c++ language and its UI is implemented in c++ language, and it is written in two sections, the admin panel and the end user, with c++ and Java technologies. The admin panel enables managing each user's desktop and virtual machines in creating templates, creating virtual machines and changing their status, backup and recovery, controlling access to resources including audio, video, USB, etc.

</Technical Specifications>

▼ <Advantages>

► Offering efficient and 24-hour support

► Infrastructure and backup structure security
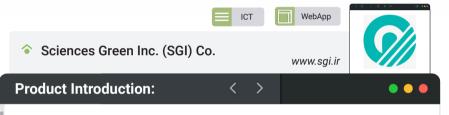
► Information security

</Advantages>

International Standards or Permissions:

✳ Having received product security assessment certificate (AFTA) from Presidential Strategic Management Center of AFTA

✳ Having obtained a certificate of securing and strengthening of systems, infrastructure and services from the Strategic Management Center of the Presidential AFTA

✳ Having obtained the certificate of installation and support of FATA products from the Presidential Strategic Management Center of AFTA

✳ Obtaining a certificate from the passive defense organization of the country

✳ Having received the certificate of the Supreme Council of Informatics with rank 4 in the field of security of production space and information exchange

•› Kankash

ICT	WebApp

🖝 **Sciences Green Inc. (SGI) Co.**

www.sgi.ir

Product Introduction: ‹ ›

This system is installed in parallel on the telecommunications interfaces and by collecting the transactions of the subscribers, a database of xDRs in the Core (CS/PS) and RAN sections of the mobile phone network is collected in order to analyze and troubleshoot. Among the various features of this system, the following can be mentioned:

Support for different generations of mobile communication networks (2G/3G/4G) for troubleshooting independent from the manufacturer.

※ Network analysis in the field of (Call/SMS/LU/CS/..) and the field of PS (Mobile Data Network)

※ Using Big Data solutions to analyze and store information

※ Displaying statistical information of network quality on graphs and maps (Chart dashboard & GIS service)

※ Access to Fail Cause details in xDRs for analysis and troubleshooting (Activity Analysis Service)

※ Displaying protocol details of each xDR based on time order (Call flow Service)

※ Awareness of quality problems, before customer complaints based on defined indicators (Alarming).

※ Analysis of the quality of services offered to Roamers and special subscribers (VIP) and special places

* Analysis of the quality of the services offered based on the model of the phones used (Handset profiling).
* 3GPP Standard Releases for GSM
* 3GPP Standard Releases for UMTS
* 3GPP Standard Releases for LTE & LTE Advance
* ITU-T Standards & Recommendations
* IEEE Standards

Installations and Users	More than 100 users
Category	Information
Founded	1991

▼ **\<Application\>**

► Extracting statistical information from the mobile telecommunication network in order to analyze and troubleshoot the network

\</Application\>

✓ *This product is data management, analysis, access and delivery software.*

▼ **\<Technical Specifications\>**

► The product has programming in different levels, and each level is developed using a different programming language.

\</Technical Specifications\>

●〉 Integrated System of Internet Usage Management Reports (SIGMA)

| ICT | WebApp |

☁ Atinegar Engineers Co.

www.atinegar.com

Product Introduction: 〈 〉 ● ● ●

The Sigma system provides network administrators with many features, such as integration with DC, various connection solutions including VPN and Hotspot, imposing policies according to schedule, NAS, etc. After authentication, the need to control the amount of internet usage and how it is used encourages system administrators to use the Sigma system in order to reduce the use of bandwidth and prevent excessive use of internet credit.

Category	Tools
Founded	1998

▼ <Application>

- ▶ Organizations and public places that have more than twenty users of the Internet at the same time
- ▶ Network connection management

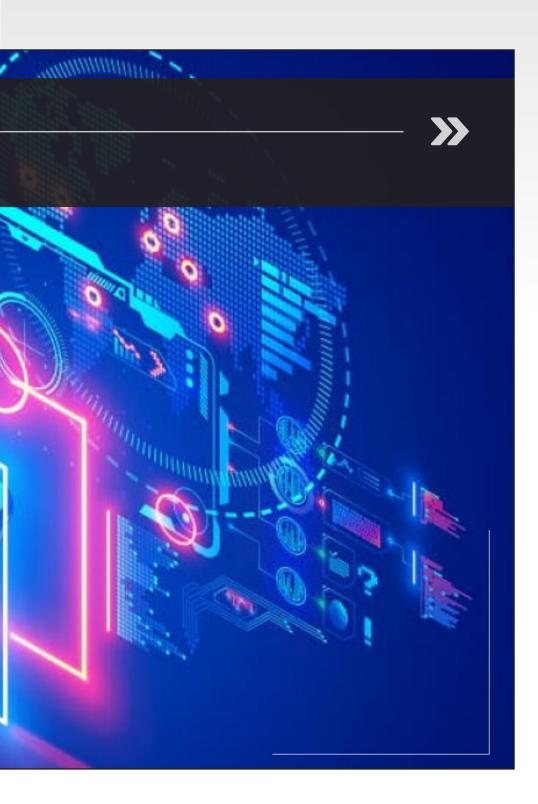**</Application>**

✓ *This product is a telecommunication system.*

Game Dev

بازی‌های مدریک گیمز
بازی‌های با کیفیت و جذاب!

●〉 Medrick Studio

Game Dev		WebApp

Medrick Game Studio

www.medrickgames.com

MedricK game studio

Product Introduction:

Medrick Game Studio has been a prominent player in the Iranian gaming industry for 12 years. Over this period, they have published 81 games and produced 51 games. The studio initially gained recognition with the game "Log Morad" and subsequently established an infrastructure for game production. They have recently produced two games, "Log Pari" and "Darbare Goli," with another game called "Golshifteh" in its final stages of development. "Log Morad" boasts over 700,000 active installations and 1.5 million installations overall, featuring around 1600 levels. "Darbare Goli" has over 100,000 active installations on Cafe Bazaar and is exclusively published there, while "Log Pari" has over 50,000 installations on Cafe Bazaar. In terms of revenue, approximately 80% of the product's revenue comes from in-app purchases, with the remainder generated through advertising. The product development team consists of 9 individuals, including 6 programmers and 3 art staff.
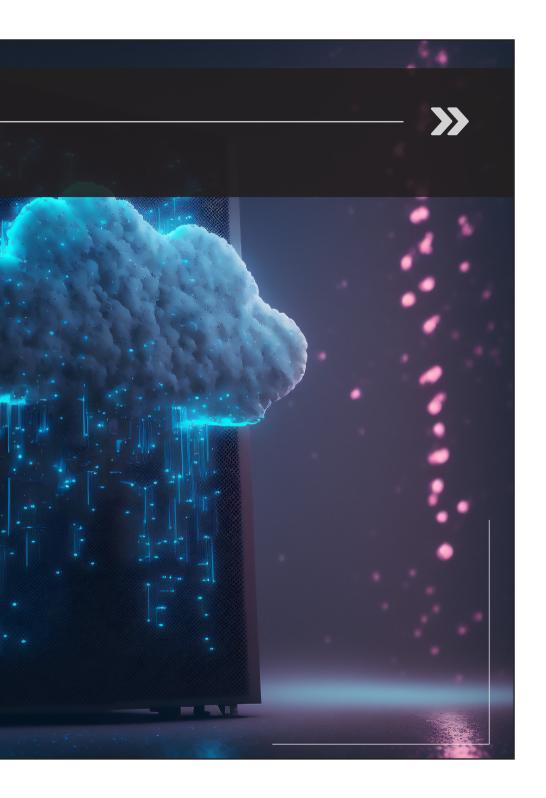
	Category	Game Dev
	Founded	2011

#RSKGD2022

•⟩RSK Studio

Game Dev   WebApp

🔼 **Rasan Shokooh Kavir Game Studio**

*www.*rskgd*.com*

Product Introduction: ‹   ›   ● ● ●

Rasan Shokooh Kavir Game Studio is a game development studio involved in various research areas, such as augmented reality content production, data-driven design, and artificial intelligence for game development. The company has released 20 video games in the domestic market and 12 games in the international market. One of their notable games is "Safire Eshgh," an Adventure Action Third-person game. The gameplay in "Safire Eshgh" incorporates elements from sub-genres like Stealth, Slash n Hack, and platformer, providing diverse and entertaining gameplay for gamers. The game environment is designed as an open area, creating a sense of an open world for players despite having linear level structures.
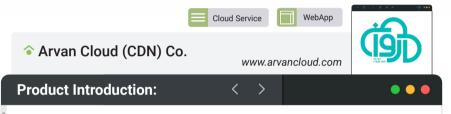
Cloud Server

⦿❯ Cloud Infrastructure and GPU Service

Cloud Service	WebApp

☁ **Arvan Cloud (CDN) Co.**

www.arvancloud.com

Product Introduction: ‹ ›

In this product, users are assigned a GPU cluster that they can use to run heavy artificial intelligence and machine learning processes. In this way, users no longer have to worry about setting up and updating such an infrastructure and can use this service at a much more reasonable cost.

According to the type of service that requires powerful hardware, the hardware of this service is selected with more care and precision. The Tesla V100 16GB HBM2 graphics card is an example of the cards used in this product, which has parallel processing power and is also used in the products of famous companies in the world, such as Amazon.

⤓ Installations and Users	More than 250,000 users
⊞ Category	Infrastructure
☑ Founded	2015

▼ **<Application>**

 ► Used by institutional, corporate or personal users for heavy processing of artificial intelligence and machine learning
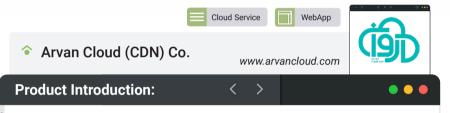
</Application>

✓ *This product is physical and virtual processing management software.*

●〉 Content Distribution Network and Cloud Security

| Cloud Service | WebApp |

🔆 **Arvan Cloud (CDN) Co.**   *www.arvancloud.com*

Product Introduction: 〈 〉

The Content Distribution Network (CDN) provides access to online content from the closest geographic point with the highest speed and quality by caching website content in distributed pop sites and providing content from the closest geographical point to the user. It also protects websites against all kinds of hacker attacks and cyber threats with extensive cloud security features.

In other words, by having multiple pop sites in important traffic points of Iran and the world, including 20 domestic pop sites and 20 foreign pop sites, and also relying on the advanced architecture of Anycast, the geographic location of the user is detected with the highest accuracy and the content is delivered from the closest point.; As a result, the content loading speed increases dramatically.

It also protects websites and online content against a variety of cyber attacks, including hacker attacks and distributed denial of service (DDoS), without the need for hardware equipment. Various services are also offered in various fields of security, including information encryption, access control and the allowed number of requests for each user on the website. These services are activated quickly and with just a few clicks on websites.

In general terms, the content distribution network in the country and the world has the following capabilities for content distribution:

1- Cloud DNS service 2- Reverse proxy/Edge Caching and Minify 3- DDoS Protection 4- Web firewall (WAF) 5- Limiting requests (Rate Limit) and setting Custom Rule 6- Smart Routing 7- Ability to activate SSL without keeping Private Key (for banks)

	Category	Tools
	Founded	2015

▼ <Application>

　► The possibility of accessing online content from the closest geographical point with the highest speed, quality and security

</Application>

✓ *This product is physical and virtual processing management software.*

▼ <Technical Specifications>

　► bgp anycast protocol is used for network distribution worldwide.

　► System design is based on microservice architecture

　► Agile/Scrum methodology is used using Jira and Gitlab is used for source control in the company and CI/CD is also implemented.
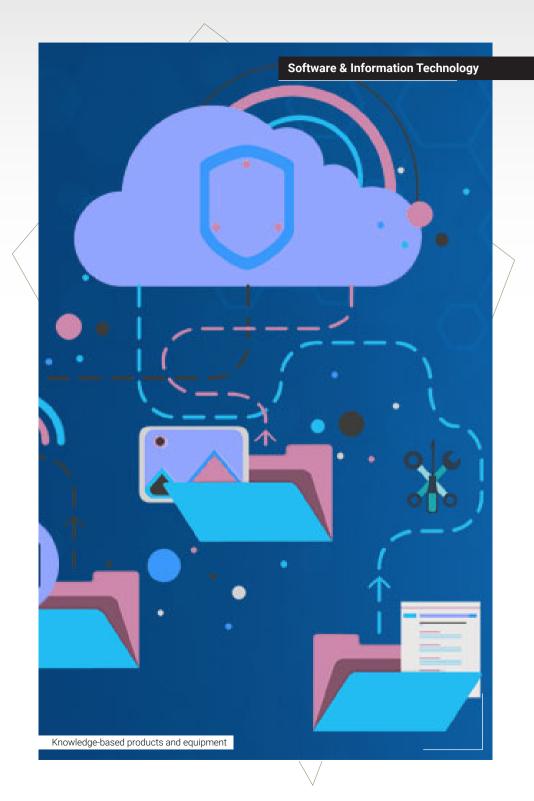
</Technical Specifications>

•> Cloud Server

☰ Cloud Service	🤖 Android	🍎 IOS	🪟 WebApp

🔆 **Pars Pack Co.**

www.parspack.com

Product Introduction: ‹ ›

Providing upgradeable infrastructure for hosting Iranian websites with many cloud features

▼ **<Application>**

　► Providing virtual servers based on Qemu/KVM with providing cloud facilities

</Application>

✓ *This product is storage software.*

🔲 **Category**	Infrastructure
🗓 **Founded**	2009

Knowledge-based products and equipment

● A Set of Software Systems and Cloud Infrastructures of Kubit (KUBIT)

WebApp

☁ Sabz System Co.

www.sabz.co

Product Introduction: ⟨ ⟩

The "SabzSystem Cloud Infrastructure (Kubit)" product consists of PaaS and a set of support systems (such as authentication tools and certificate issuance, unblocking websites, etc.). Platform-as-a-Service (PaaS) is a platform that enables customers to develop, run and manage business applications without the need to build and maintain infrastructure; Thus, many product development concerns, such as scalability, availability, monitoring, bulk data storage, database management, log collection and storage, hardware problems, etc., will be solved.

⊞ Category	Infrastructure

▼ <Application>

- ► In large-scale businesses and organizations
- ► Web developers (full stack developers)
- ► Website designing and software companies
- ► Software systems and companies that develop software systems in-house.

</Application>

✓ *This infrastructure is a tool for quality control and software cycle management.*

▼ <Advantages>

Each stage is developed using a different programming language:

- ► Development of the first comprehensive system for managing the efficiency of the mobile communication network in the country
- ► Foreign and unreliable software do not have access to the country's mobile telecommunications platform
- ► Ability to respond to the new needs of operators and customize information
- ► Full support in the country and eliminating the need for foreign companies and problems caused by sanctions
- ► Preventing the departure of 30 million dollars of currency from the country
- ► Performance analysis and troubleshooting of mobile communication networks
- ► The hardware and security layer are made in Iran, repairability of hardware and ensuring the impossibility of intrusion
- ► Constantly updating hardware and software to increase efficiency and security
- ► The possibility of support in times of crisis
- ► Support for the latest technology used in mobile networks (4G/LTE)

Implementation based on 3GPP and ITU-T standards

Full implementation of systems inside the company

The ability to respond to the needs of domestic customers and customization

Ensuring the security of the system and the absence of a back door

Achieving processing of incoming data at a rate of 100 Gbps Designing and producing the necessary hardware, including:

- ❋ Probe Appliance

- ❊ Network Packet Broker 1G/10G/40G/100G
- ❊ Capture Card 10G
- ❊ Implementation of a real example of big data (Big Data)
- ❊ Data storage (xDR Database)
- ❊ Data processing (Counter/KPI Engine)
- ❊ Report engine

</Advantages>

Achievements in Domestic or Foreign Prestigious Events or Festivals:
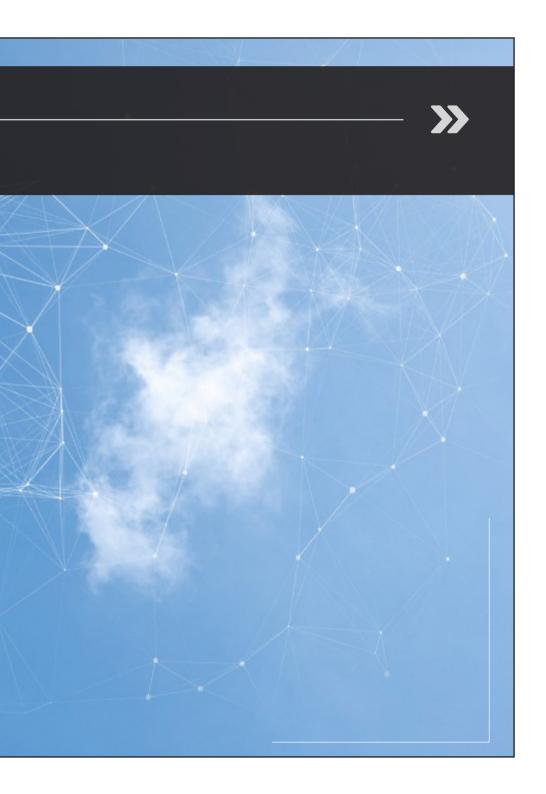
- ❊ The third place of applied research of the 33rd international festival of Kharazmi
- ❊ Fab bronze winner of 2018 (7th National Conference of Information Technology Managers)
- ❊ Software technical approval certificate from the Information Technology and Digital Media Center
- ❊ Trademark registration certificate from the Domestic Trademarks and Geographical Indications Registration Office
- ❊ Activity license in the field of operational services of Afta from the Information Technology Organization of Iran
- ❊ Software release license from the Ministry of Culture and Islamic Guidance
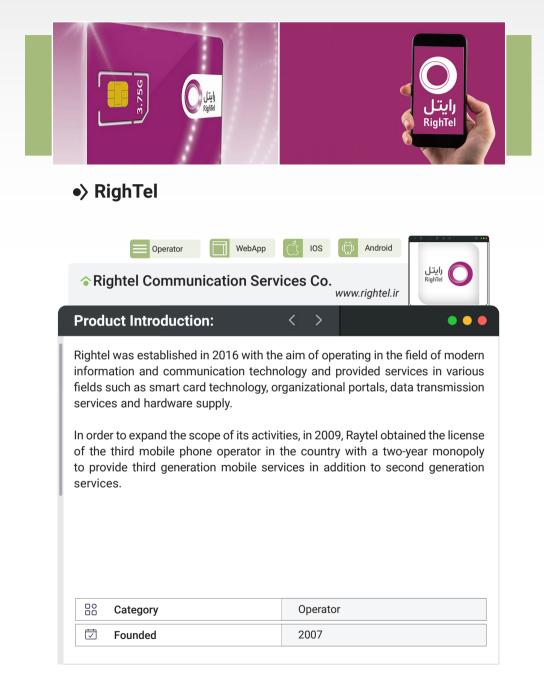
International Standards or Permissions:

- ❊ ISO 9001:2015 certificate
- ❊ HSE-MS certificate

•> RighTel

| Operator | WebApp | IOS | Android |

⌖Rightel Communication Services Co.

www.rightel.ir

Product Introduction: ‹ ›

Rightel was established in 2016 with the aim of operating in the field of modern information and communication technology and provided services in various fields such as smart card technology, organizational portals, data transmission services and hardware supply.

In order to expand the scope of its activities, in 2009, Raytel obtained the license of the third mobile phone operator in the country with a two-year monopoly to provide third generation mobile services in addition to second generation services.

🔲	**Category**	Operator
🗓	**Founded**	2007

▼ \<Application\>

- ► voice call
- ► Video call (currently this service is not offered to normal users)
- ► Internet speed up to 17 MB/s (4G LTE)
- ► SMS
- ► Voice and Image (MMS)
- ► RBT

\</Application\>

✓ *This infrastructure is a tool for quality control and software cycle management.*

Subscribers:

❋ The number of active subscribers is about 5600,000 based on the latest statistics for the fourth quarter of 1401.

●〉Hamrah-e-Aval (MCI)

Operator	WebApp	IOS	Android

⌂ Mobile Telecommunication Co.

www.mci.ir

Product Introduction: 〈 〉

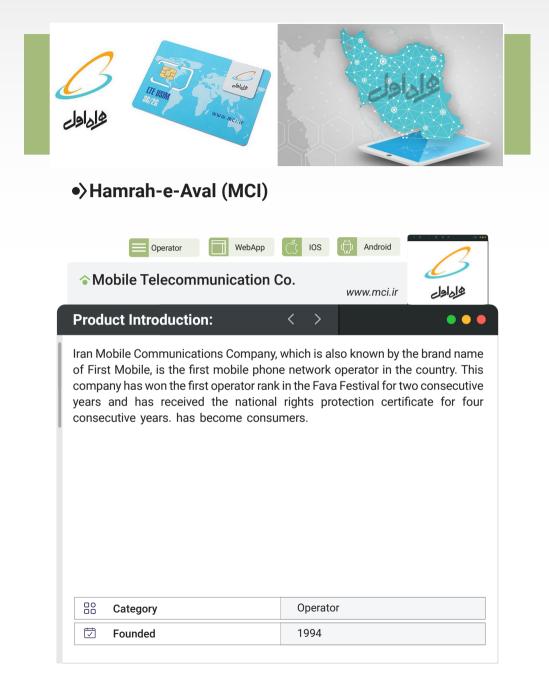Iran Mobile Communications Company, which is also known by the brand name of First Mobile, is the first mobile phone network operator in the country. This company has won the first operator rank in the Fava Festival for two consecutive years and has received the national rights protection certificate for four consecutive years. has become consumers.

	Category	Operator
	Founded	1994

▼ \<Application\>

- ► Hamrah-e-Man Application
- ► voice call
- ► Internet (2G, 3G, 4G, 4.5G, 5G)
- ► SMS
- ► MMS
- ► RBT
- ► International roaming
- ► Fourth generation SIM card (USIM)
- ► Dorsa child and adolescent SIM card
- ► Pomegranate SIM card for children and teenagers

\</Application\>

✓ *This infrastructure is a tool for quality control and software cycle management.*

Subscribers:

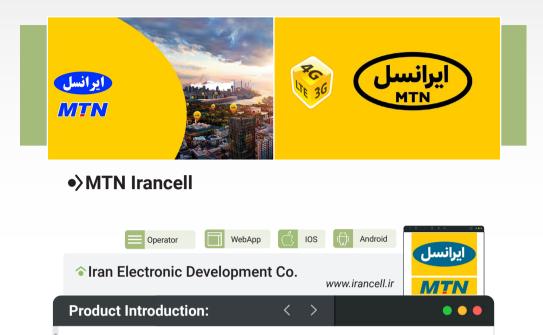❊ The number of active subscribers is about 78,397,000 based on the latest statistics for the fourth quarter of 1401

●〉MTN Irancell

Operator	WebApp	IOS	Android

 Iran Electronic Development Co.

www.irancell.ir

Product Introduction:

Irancell is a communication service company that was launched in 2004 as the second mobile phone operator in Iran. Irancell has been able to achieve six years in a row as the country's top provider of communication services, and the international standard of technology and superior quality in the communication industry of the European Union, and the special sign of customer satisfaction in the field of communication.

Irancell also provides Internet TV services to its subscribers. This service is offered to the audience in the form of the Lens application and is used to watch movies and live TV programs, which features such as stopping and rewinding live programs, recording programs and accessing the radio archive. In this application, Irancell subscribers can By downloading and installing some series and movies, watch them for free and without reducing the size of the package if you have an active internet package.

	Category	Operator
	Founded	2005

▼ <Application>

- ► Irancell-e-Man Application
- ► Abreto Application
- ► Internet TV (Lens)
- ► Fixed Internet service or TD-LTE

</Application>

✓ *This infrastructure is a tool for quality control and software cycle management.*

Subscribers:

❋ The number of active subscribers according to the latest statistics for the fourth quarter of 1401 is about 64240000 subscribers

Cyber Security

•> Narin Security Gateway

Cyber Security	WebApp

◉ Payam Pardaz Co.

www.payampardaz.com

Product Introduction: ‹ ›

Narin system is a network security gateway that is used to protect networks and secure network communications. In this system, various security and network services, including the firewall and IPSec virtual dedicated network, are provided in a completely transparent manner; Also, in addition to the standard encryption algorithms, native algorithms desired by customers are also supported. The key management of this system is automatic and based on the IKE v2 protocol, and its memory is encrypted using a native security token. It is possible to update this system automatically and safely through the Internet. This system is presented in different models with various hardware features and supports different throughput rates. In the direction of moving towards SD-WA, the feature of central management (separation of data plane, control plane), easy installation (ZTP) and the possibility of having dynamic IP has also been added to the product.

The current version of Narin is usually sold as a set, so the system administrator has to set up and run, for example, 40 firewalls separately. On the other hand, the installation of the current product includes purchase, production in the company office and delivery to the customer, and installation and commissioning by the system manager, which is a time-consuming process; This same problem caused system growth and adding new nodes to be an exhausting task for the
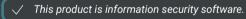
system administrator.

Therefore, Narin product has launched a new version of the product with the aim of achieving the SD-WAN version of the product in order to solve all the mentioned problems.

↓	Installations and Users	More than 1500 users
🔠	Category	Security
☑	Founded	1996

▼ **\<Application\>**

► The Narin system is installed at the edge of the organizational network in connection with external networks such as the Internet and has the following two functions:
  ❋ Protection of the organization's network
  ❋ Securing the organization's network connections with different branches and other organizations
► Narin's system secures inter-network communications of organizations based on security tunnels on the IPSec protocol. In this application, all communication traffic between the central office and different branches is completely transparent and secured using virtual tunnels.

\</Application\>

✓ *This product is information security software.*

▼ **\<Technical Specifications\>**

► **System Specifications:**
  ❋ Management dashboard
  ❋ System peripheral memory encryption
  ❋ Announcing the errors that have occurred in the form of Notification
  ❋ NTP

► **Network Specifications:**

⁂ Static Routing

⁂ DHCP

⁂ SNMP v2, v3

⁂ VLAN

⁂ Bridge

► **Support:**

⁂ Ability to backup settings

⁂ Ability to download backup files

► **Troubleshooting:**

⁂ Ability to check communication and tunnel problems by admin and display a full report of the current situation

► **Reporting and event registration:**

⁂ Registration of systemic and management events

⁂ Statistical reports

⁂ Consumption resource report

► **Management console:**

⁂ Command-based management console

⁂ Web-based management console

⁂ Centralized management interface based on new technologies, including AngularX

⁂ Bandwidth management using different algorithms and special design for further simplification

⁂ Using Paya's exclusive algorithm and client-specific algorithms for IPSec

⁂ Achieving gigabit speed in the IPSec protocol in a dedicated algorithm

⁂ Management of firewall rules to optimize and achieve stateful firewall mode

⁂ Hiding IPSec protocol in IP layer and layer 2 protocols to pass external filtering; This feature is embedded in the product.

<Technical Specifications>

The difference between the two versions of the product:

SG version	SD-WAN version	Name
Central controller	The possibility of verifying the authenticity of nodes from the center-License management through the center-Creating settings through the center on different nodes-Establishing communication between different points centrally- Managing and restricting communication of different addresses/policies/services from the center-Sending initial settings to newly created points- Sending updates to connected points	Verification of authenticity and license management with hardware token-Creating settings on individual nodes and establishing two-point communication through individual node settings- Setting different addresses, policies and services on each product
ZTP	Easy and quick installation of the product by the customer	Time-consuming installation by the company office
Add Dynamic IP discussion	Nodes can connect from dynamic addresses	Only nodes can be introduced to the network through Static IP
Product scalability	Due to the separateness of the controller, it is possible to expand to more than 2000 nodes.	Developing more than 500 nodes is difficult

▼ **<Advantages>**

  ► The product is made and localized entirely in Iran
  ► Use of the native cipher algorithm in the encryption phase of the unit of identity in the IPSec protocol
  ► Ease of updating the product

</Advantages>

●⟩ Ravin Security Information and Event Management

| Cyber Security | WebApp |

☁ Payam Pardaz Co.

www.payampardaz.com

پیام پرداز
پیشران اطلاعات و ارتباطات امن

Product Introduction: ⟨ ⟩ ● ● ●

Ravin's product is a network security monitoring system and intelligent detection of internet attacks. This system collects and monitors the information of computer equipment and servers and websites of organizations around the clock and analyzes intelligently; Also, the result of data processing and analysis is automatically provided to the IT experts of the organization to deal with attacks. The input of the system is hundreds of millions of different data every day, and its output is a small number of reports of attacks and intrusions and abuse of the systems.

Achievements in Domestic or Foreign Prestigious Events or Festivals:

* ⁎ Received the golden plaque of the Sheikh Bahai technology festival in january 2019
* ⁎ The selected work in the 5th Salman Farsi festival

↓ **Installations and Users**	More than 200 installations
⊞ **Category**	Security
☑ **Founded**	1996

▼ \<Application\>

- ► Identifying cyber attacks by reviewing recorded events
- ► Momently presenting security status of computer equipment and organization's   network
- ► Tracking users' activities to identify misuse of the organization's data
- ► Long-term storage (at least 6 months) of user and system activity information in order to provide legal evidence to the court in case of cyber crimes
- ► Assessing the compatibility of Internet events with the organization's policies and identifying unauthorized access and use of the organization's network equipment
- ► The main engine of the security operation center

\</Application\>

✓ *This product is information security software.*

▼ \<Technical Specifications\>

- ► In general, the main modules of the Ravin security operation center solution include the following products, which need to be separately prepared to create a security operation center:
  - ❋ SIEM system
  - ❋ Integrated ticket system in SIEM system
  - ❋ SOAR module integrated with SIEM system
  - ❋ Integrated intrusion detection system with SIEM system
  - ❋ Integrated traffic analysis system with SIEM system
  - ❋ ISAC system
  - ❋ RLCA Agent software

\<Technical Specifications\>

▼ \<Advantages\>

- ► Integrated solution of NIDS,NDR and SIEM
- ► Competitive cost of product and service
- ► Fully customizable and tailored for customer

\</Advantages\>

❂〉 **Graph Advanced Threat Detection System (ATD)**

	Cyber Security		WebApp

❂ Graph Co.

www.graph-inc.ir

GRAPH

Product Introduction: 〈   〉

The XDR system named Graph ATD is capable of identifying threats, modeling threatening behaviors and identifying zero day threats. Identifying threats is done in network platform, web and working machines.

	Category	Security
	Founded	2015

▼ \<Application>

► All organizations, companies, departments, etc., that use the IT and ICT platform.

\</Application>

✓ *This product is information security software.*

▼ \<Technical Specifications>

► **The product has the following different modules:**
- ❋ Traffic collector module
- ❋ Event collector module
- ❋ Processing engine
- ❋ Interface
- ❋ Forensics module
- ❋ File analysis module
- ❋ Sandbox
- ❋ Windows Agent

\</Technical Specifications>

◉〉 Integrated Security Threat Management System (MITA) and Related Subsystems of MITA UTM

| Cyber Security | WebApp |

✦ Ofogh Andishe Co.

www.oanc.ir

Product Introduction: ‹ ›

Integrated security threat management system (MITA) supports common network security services in an up-to-date manner. Some of the features of this system are as follows:

Increasing the productivity of the organization by strengthening of security and preventing unauthorized and malicious traffic from entering the network

Preventing viruses and malicious codes from entering through external networks

The possibility of optimal management of Internet resources such as bandwidth, the possibility of identifying users and authenticating them upon requesting the use of resources (using the MITA authentication module)

Increasing the efficiency of Internet resources such as bandwidth by preventing it from being wasted for repeated requests through the storage management module (Cache module).

The possibility of establishing private secure communication between the centers of the organization

The possibility of creating the structure of «error conditions»

The possibility of obtaining diverse and integrated reports from various system functions (user access - usage - traffic - firewall states)

The possibility of simple and centralized management through the web interface
IDS/IPS system with the ability to update from domestic servers
Has tools for managing network services under the user interface

Category	Security
Founded	2003

▼ <Application>

 ► Providing network security services.

</Application>

 ✓ *This product is information security software.*
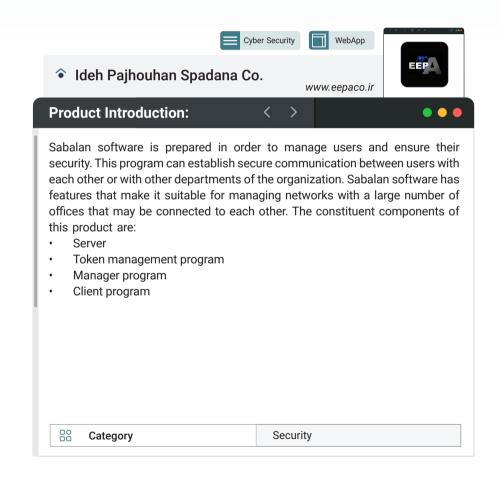

▼ <Technical Specifications>

 ► **The product has the following modules:**

 ❊ Firewall, IDS/IPS, WAF, VPN, QOS, Fail over / Load balancing, Network tools, Bandwidth management, Accounting, Routing, Active Directory, DNS, DHCP, Reporting, NTP, Management of digital certificates , User management

 ❊ Unicode languages such as Farsi have been used in the production of a firewall with an exclusive operating system.

 ❊ The entire build and compilation system is based on a FreeBSD system, where all the modules and the system itself are finally extracted in one package as an ISO file, and all the stages of producing the modules and the subsystem are carried out automatically.

<Technical Specifications>

● ❯ Sabalan Network Security and Management System

Cyber Security | WebApp

☂ Ideh Pajhouhan Spadana Co.

www.eepaco.ir

Product Introduction: ‹ ›

Sabalan software is prepared in order to manage users and ensure their security. This program can establish secure communication between users with each other or with other departments of the organization. Sabalan software has features that make it suitable for managing networks with a large number of offices that may be connected to each other. The constituent components of this product are:

- Server
- Token management program
- Manager program
- Client program

Category	Security

▼ <Application>

- ► Securing applications under the organization's network, such as office automation
- ► Establishing a secure connection between the computers in the representative offices of an organization and the servers of the central building
- ► Secure communication with the organization's servers by remote users (secure telecommuting process)
- ► The possibility of creating an isolated and secure virtual network (VLAN) for sensitive parts of the organization such as security
- ► Securing the connection between users' computers with centralized management or with distributed management (by the users themselves)
- ► Securing the wireless network platform
- ► Traffic shaping for lines that have variable service quality according to the feature of real bandwidth estimation by the ISP in the system
- ► Creating secure LANs with geographical distribution
- ► Communicating between system users (like VPN in TeamViewer)
- ► Creating VPNs within the organization to manage users
- ► Bypassing all kinds of network filters through various forms of tunneling

</Application>

✓ *This product is information security software.*

▼ <Technical Specifications>

- ► **Programming languages:** The mobile user interface of this product is designed and implemented using the Android programming language.
- ► **Database:** The encryption server and other components have been designed and implemented without the need for a database in order to increase capabilities.
- ► **Development methodology:** Product development is based on spiral methodology.

</Technical Specifications>

•〉 Mesbah Smartphone Digital Forensics Tools

| Cyber Security | WebApp |

FAPNA Co.

www.fapna-co.ir

Product Introduction: ‹ ›

Mesbah product is used to collect and extract digital evidence from mobile smartphones. Digital evidence includes all phone information such as calls, contacts, chats on social networks, audio and video files, etc.
Mesbah uses different methods to collect evidence, including physical, full file system, logical, file system, etc.
Moreover, Mesbah supports about 10,000 mobile smart phones, which are among the latest manufactured phones in the market.

▼ **<Application>**

► This product is used in security entities, military, law enforcement, police, security organizations/forensic system and so on... It is used to collect and extract digital evidence from mobile smartphones.

</Application>

Category	Security
Founded	2020

▼ **<Technical Specifications>**

► The product is offered only on the Windows platform, and one of its advantages is that it does not depend on any hardware or special cables, and it only needs original cables such as Type C cable, mini USB cable, etc.

► This product has been developed with special features in such a way that the widely used methods such as Logical and APK Downgrade have high reliability and dependability so the risk of damage to the phone is significantly reduced.

► The methods available in the Mesbah tool are selected from the well-known methods of popular tools and FAPNA company exclusive methods.

► C# and WPF programming languages have been used to develop the product GUI.

► Development of security code segments to exploit discovered vulnerabilities using Python and C++ programming languages

► Creating adb library to interact with the phone with C++ language.

► Creating the communication infrastructure with the phone through the USB port in the Windows operating system with C++ language.

► In order to save forensic cases and mobile phone information, local and SQLite databases have been used.

► In order to control source code changes, GIT version control is used.

► In order to develop Mesbah product with acceptable and appropriate quality, a quality control process has been used with the definition of various software tests such as unit test, integration test, system test, acceptance test and etc.

</Technical Specifications>

International Standards or Permissions:

※ In the development of Mesbah software, programming standards and methodologies such as Scrum have been used. Also, in order to confirm the results of the tests, they have been compared with the results of other tools or standards such as NIST CFTT.

•> Network Traffic Management System

Cyber Security | WebApp

☁ **Shabake Pardazan AndisheSaz Saba Co.**

Product Introduction: ‹ › ● ● ●

This system was created in order to manage the network traffic and impose policy on the traffic passing through the network.

⊞ **Category**	Tools

▼ \<Application\>

► In all companies and organizations that need a traffic control tool on their network.

\</Application\>

✓ *This product is a traffic control system.*

▼ \<Technical Specifications\>

► **The technical features of this product are as follows:**

   ❋ Ability to receive and send packets for a bandwidth of several tens of gigabits per second on a server

   ❋ It has a distributed architecture in order to process traffic with a bandwidth of several hundred gigabits per second

   ❋ Ability to detect application layer protocols and network applications through deep packet analysis

   ❋ The possibility of reconstructing the sessions passing through the network using IP Defragmentation and TCP Reassembly

   ❋ Identification and processing of packets inside GRE, IPIP, MPLS, GTP tunnels

   ❋ The possibility of defining different policies according to the user or different user groups

   ❋ The possibility of limiting the traffic (Traffic Shaping)

   ❋ Sending information at the application layer level from sessions passing through the network with standard Syslog and IPFIX protocols

\</Technical Specifications\>

◦› Padvish Antivirus

Cyber Security	Android	WebApp

Amn Pardaz Soft Co.

www.amnpardaz.com

Product Introduction: ‹ ›

This product is a set of anti-virus products to protect systems and devices against all kinds of virus attacks and ransomware, and it has the conventional peripherals such as a management console for installing anti-virus and controlling and receiving reports from clients on the network, a monitoring console for monitoring the management console performance.

This product contains all the processes of the malware laboratory, such as monitoring and care and sample collection, static and dynamic analysis of malware, classification and search of malware based on various factors, dealing with and removing malware determined in the laboratory from the client level. This collection includes three independent systems that can be used in combination or separately; In addition, there is a centralized system that is an evolved and cloud version of the collection. The cloud monitoring system (Sana) has the task of communicating with clients, collecting information on known threats, information on suspicious and unknown files, detecting suspicious events such as system file changes, etc. The malware laboratory system is a part of this collection that has the task of maintaining all the samples and their analysis information, whether they are malware or normal files, and monitors the analysis process; Also, it is possible to carry out all kinds of automatic static analyzes in this system. Amnpardaz sandbox system (Jorg) is the last

part of this collection, which has the task of dynamic (behavioral) analysis of malware and makes it possible to execute malware in an isolated environment, bypass their anti-behavioral analysis methods and finally collect information and smartly analyze the malware. The MDR Alborz central cloud monitoring system, as an advanced version of this collection, makes it possible to monitor all the organizations that use Padvish and are connected to the cloud network in a centralized and managed manner. This system is actually the Cloudbase of Sana product.

🔠	**Category**	Security
🗹	**Founded**	2004

▼ **<Application>**

- ► Dealing with threats (Threat Protection)
- ► Anti Malware
- ► Anti-Randomware
- ► Fileless Malware Detection
- ► Preventing USB UMP (USB Malware Protection) malware
- ► Cloud Protection
- ► Preventing phishing attacks (AntiPhishing)
- ► Anti-rootkit (AntiRootkit)

</Application>

✓ *This product is information security software.*

Product details	Cafe Bazaar
Downloads	+500,000
Rated	2.8

● Siemens Industrial Control Network Intrusion Detection System (Industrial IDS)

| Cyber Security | WebApp |

Amn Pajooh Co.

www.amnpajooh.com

Product Introduction: ‹ ›

This system can detect cyber attacks by hackers or malware on industries that use Siemens industrial control systems and provide users with appropriate warnings about dangerous events.

Category	Information
Founded	2013

▼ <Application>

   ► Refineries, petrochemicals, power plants, and generally industries that use Siemens PLC in their industrial control network.

</Application>

✓ *This product is information security software.*

▼ <Technical Specifications>

   ► The product is produced for 71 sVcomm protocol between HMI and PLC for 300 and 400 plc series, and with the help of a switch connected to HMI, it monitors the messages between HMI and PLC and implements detection patterns for it.

   ► Siemens laboratory including plc and related 0.1 cards are deployed in the company.

</Technical Specifications>

•› APK-SWAP

Cyber Security | WebApp

Amn Pardazan Kavir Co.

www.apk-group.ir

Product Introduction: ‹   ›

Amn Pardazaan Kavir Company has provided a secure internet solution under the brand name APK-SWAP for safe management and isolation of the internal network from the Internet, considering the need for safe transfer of files and the security of end users. This plan, unlike similar plans, does not require extensive changes in the network infrastructure, and network administrators should not create separate systems and networks at a very high cost with low flexibility in order for users to access the internal network and the Internet at the same time. This solution, which is based on the separation of programs and users' browsers, separates the organization's internal network from the Internet in a completely safe and intelligent manner.

In the structure of SWAP implementation, internal network users are located in the Users area, and in this area, they do not have direct access to the Internet and are actually placed behind the defense network. The users of this area are connected to the local network using their system and do their work, while if they need the Internet, they will have secure access to the Internet in an isolated platform using the AP-KSWAP panel. Security layers and browser isolation are located in the SWAP area. Various services operate in this area:

In the Remote Browsers section, the isolated browser is run remotely in the APK-SWAP area, and user requests and activities are processed away from the

organization's internal network. If the user needs to receive or send a file to the Internet environment, after confirming the access by the system administrator and passing the security layer, he can receive or upload the desired file; Also, instead of the browser, it is possible to run other programs that are available to internal users through the APK-SWAP panel.

The Security Layer controls the content downloaded by the user by applying settings based on the organization's policies, and if any threats or policy violations are observed, the content is directed to the Null Directory in the blocked contents area and is removed from the network.

↓	**Installations and Users**	More than 4000 users
⊞	**Category**	Security
☑	**Founded**	2007

▼ **<Application>**
- ► Secure management and isolation of the organization's internal network from the Internet
- ► Prevent malware/ransomware
- ► Preserving the intellectual property of the organization's data

</Application>

✓ *This product is information security software.*

▼ **<Technical Specifications>**
- ► Internet access in an isolated and secure environment
- ► Logically separating the Internet from the internal network
- ► The possibility of adding a new program to the secure Internet access system
- ► Creating a separate profile for each user
- ► Ability to set the access level for each user
- ► Ability to analyze user activity
- ► Ability to group users
- ► The possibility of imposing laws in the group

▼
- ▶ Viewing and controlling system logs
- ▶ The possibility of defining organizational posts and Zone
- ▶ Executable on all modern browsers
- ▶ Ability to run on different scales
- ▶ Sharing sessions
- ▶ Ability to create and delete secure sessions

</Technical Specifications>

▼ **<Advantages>**

- ▶ By completely removing direct access to the Internet, many internal and external threats are completely removed from the organization.
- ▶ This solution is designed and developed with a service-oriented and scalable architecture approach.
- ▶ It is possible to offer desktop services.
- ▶ This product is used with a logical solution in order to separate different networks in the organization, such as the Internet from the intranet or the government network from the intranet.
- ▶ Scalability of the product due to having an expert team in the field of programming, design and development.
- ▶ Low cost of implementing centralized design and resource control
- ▶ Low cost of updating and maintenance due to centralized design
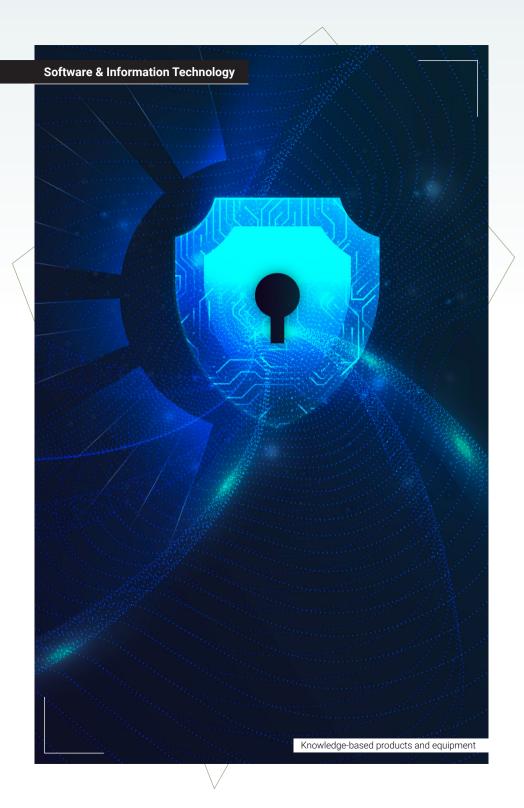- ▶ Extensibility and customization of capabilities

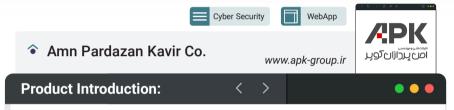**</Advantages>**

International Standards or Permissions:

- ⁂ Certificate of technical approval of the software from the Ministry of Communications and Information Technology (Iran Information Technology Organization) and the Ministry of Culture and Islamic Guidance (Center for Information Technology and Digital Media Development)
- ⁂ Product security assessment certificate from the Ministry of Communications and Information Technology (Iran Information Technology Organization) and AFTA Management Center

Achievements in Domestic or Foreign Prestigious Events or Festivals:

- ⁂ Participation in the HIGH TECH SYRIA exhibition

Knowledge-based products and equipment

⦿〉 APK-SIEM

Cyber Security	WebApp	

Amn Pardazan Kavir Co.

www.apk-group.ir

Product Introduction: 〈 〉

Due to the growing value of data and information sources, as well as the increase in cyber-attacks, organizations use security hardware and software programs with various processes, settings and exclusive security reports. This heterogeneity in equipment leads to large volumes of heterogeneous and sometimes inaccurately-generated warnings and failure in the proper identification of attacks; On the other hand, due to the lack of relevance of alerts to the existing records, it is not possible to analyze and predict incidents and IT managers face a serious challenge to determine the security level of the organization. Therefore, security solutions must be designed to meet all the needs of the organization without making major changes to the structure of their systems.

The Security Operations Center (SOC), as a solution to meet this need, is a place for 24-hour security monitoring and control of data input and output and detection of security threats. The most important criterion for the proper implementation of the SOC in an organization is having SIEM tools to properly analyze and report details of all the incidents created throughout the network with various equipment.

APKSIEM product, in the 4 following modules, SA , NBA , SF , BD, Enables receiving, monitoring and analysis of the most diverse and numerous events created in the network. It also equips network and information security administrators with customized and accurate reports in dealing with security incidents.

⊞ **Category**	Security
☑ **Founded**	2007

✓ *This product is information security software.*

▼ **<Application>**

- ► Sending system events to SF on users` systems and servers and providing detailed information on changes in processes, network connections, files and folders.
- ► Big Data Analyzer (BDA)
- ► Storing the collected events for periodical analysis or preparation of reports, according to the security policies of the organization.
- ► Smart Forwarder (SF)
- ► Collects events generated by users, servers, equipment and security sensors on the network and sends them to the event management system.
- ► User and Entity Behavior Analytics (UEBA)

</Application>

▼ <Technical Specifications>

- ► Collecting events from users, various network equipment, servers, etc.
- ► Unifying and homogenizing the collected events
- ► Filtering useless events and alerts
- ► Correlating events related to various incidents and attacks
- ► Detecting the origin of the occurrence of incidents and attacks to systematically resolve them
- ► Applying the policies of the organization in the implemented structure
- ► Adapting the events with the policies of the organization
- ► Identifying and prioritizing incidents and events from among cyber-attacks and network events
- ► Updating rules for identifying, detecting, reviewing and analyzing events
- ► Analyzing network behavior and detecting incidents immediately
- ► 24/7 analysis of all events instantaneously
- ► Storage of all events for a long time with the power to retrieve them in the shortest time
- ► Identifying useless and erroneous reports and warnings with the possibility of matching and coordinating with the implemented environment
- ► Providing a comprehensive full graphic reporting dashboards
- ► Providing a fully graphical comprehensive reporting panel
- ► Generating statistical reports of all events and incidents
- ► Discovering vulnerabilities and adapting them to network events
- ► Analyzing network behavior using artificial intelligence
- ► Analyzing inbound traffic using internal IDS
- ► Detecting zero-day attacks and anomalies using artificial intelligence methods
- ► Generating and analyzing Netflow data based on the incoming traffic
- ► Being implementable on physical and virtual servers.
- ► Centralized monitoring of installed modules

</Technical Specifications>

▼ <Advantages>

- ► Simplicity and integration of functionality in different modules, including search, dashboards, and simple writing of rules in the Correlation module
- ► Automatic detection of product defects periodically and fixing them in the product automatically
- ► The ability to add different product modules in case of organization development and EPS rate increase without the need to reinstall SIEM tools
- ► Continuous updating according to the Scrum structure for product development and continuous interaction with MSSP and SOC organizations and teams in order to accelerate and improve attack detection and analysis operations.
- ► Not using any modules or close source code pieces in the product in order to ensure that there are no security breaches in the country's vital organizations.
- ► Continuous communication with the MSSP specialized team and adding security use cases and new features in order to speed up and ensure the detection of security incidents.

</Advantages>

International Standards or Permissions:

- ❋ Certificate of technical approval of the software from the Ministry of Communications and Information Technology (Iran Information Technology Organization) and the Ministry of Culture and Islamic Guidance (Center for Information Technology and Digital Media Development)
- ❋ Product security assessment certificate from the Ministry of Communications and Information Technology (Iran Information Technology Organization) and AFTA Management Center

Achievements in Domestic or Foreign Prestigious Events or Festivals:

- ❋ Participation in the HIGH TECH SYRIA exhibition

●› APK-GATE

Cyber Security	WebApp

APK

⌖ **Amn Pardazan Kavir Co.**

www.apk-group.ir

Product Introduction: ‹ ›

Unified Threat Management (UTM) is a tool that offers integrated strategic network management and protection in an integrated and efficient manner by offering various network services and network security in a common product. The mentioned product offers countermeasures and protection against all kinds of cyber threats and the protection of the organization's information and services by installing and configuring it at the gateway to the network. It facilitates managing the security strategy of an organization by providing various security services such as firewall, virtual private networks, anti-virus gateway, user access control, bandwidth management and centralized reporting in one product and also identifying and preventing intrusion.

Achievements in Domestic or Foreign Prestigious Events or Festivals:

※ Participation in the HIGH TECH SYRIA exhibition

Category	Security
Founded	2007

▼ \<Application\>

- ► User-based auditing service (Accounting)
- ► Virtual Private Network service
- ► Attack detection and prevention service (IPS/IDS)
- ► Web server protection service (Web Application firewall)
- ► Application detection and prevention service (APP Detection)

\</Application\>

✓ *This product is information security software.*

▼ \<Technical Specifications\>

- ► Stateful firewall
- ► Virtual private networks
- ► Protection of servers
- ► Port Address Translation (NAT)
- ► Improving the quality of communication
- ► Intrusion detection and prevention
- ► Networking and routing
- ► User-based auditing
- ► Antivirus
- ► Distribution and processing of communications
- ► Security based on countries
- ► Address-based filtering

\</Technical Specifications\>

International Standards or Permissions:

❋ Certificate of technical approval of the software from the Ministry of Communications and Information Technology (Iran Information Technology Organization) and the Ministry of Culture and Islamic Guidance (Center for Information Technology and Digital Media Development)

❋ Product security assessment certificate from the Ministry of Communications and Information Technology (Iran Information Technology Organization) and AFTA Management Center

▼ \<Advantages\>

- ► Reasonable price compared to similar products
- ► Real-time service from the support team when needed
- ► Implement product customization requests in the shortest possible time

\</Advantages\>

Sign & Seal

•❯ KeyOne HSM

| | Cyber Security | | WebApp |

⌖ Pendar Koushk Imen (PKI) Co.

www.pki.co.ir

Product Introduction: ‹   ›

It is a digital content encryption device that can be used both as a secure repository for storing encryption keys and as an accelerator of encryption operations.

This device is implemented on the Debian distribution of Linux operating system, which uses an FPGA board to implement symmetric and asymmetric encryption mechanisms and algorithms; Also, by using different tools and sensors, it has the possibility of hardware Tamper Proof to detect and repel physical attacks and makes it possible to provide service on the network platform and both http and https protocols. The driver is available for both Windows and Linux environments. It is also possible to create a partition/slot.

▤	**Category**	Security
☑	**Founded**	2011

▼ <Application>

    ► Encryption of digital content

</Application>

✓ *This product is information security software.*

▼ <Technical Specifications>

    ► **FPGA for implementing symmetric and asymmetric encryption mechanisms and algorithms:** FPGA board

    ► The possibility of hardware Tamper Proof

    ► Ability to provide service on the network platform and both http and https protocols

    ► Driver for both Windows and Linux environments

    ► Ability to create partitions

    ► **Code development mechanism:** Agile Development

    ► **Build mechanism:** Visual Studio/ NetBeans

</Technical Specifications>

◉〉 Certificate Issuance and Management System (PARSTRUST)

| Cyber Security | WebApp |

☉ Hovita Co.

www.hovita.ir

Product Introduction: 〈 〉

The PARSTRUST product is designed to set up and establish the necessary infrastructure for issuing and using electronic certificates and digital signatures in electronic systems such as administrative automation, payment systems and electronic government services. The purpose of this system is to provide the necessary tools and processes for issuing and managing electronic certificates. With the help of this system, it is possible to issue an electronic certificate for all kinds of applications, cancel or suspend a specific user's certificate, or extend it if it reaches its expiration date.

The possibility of inquiring about the status of the user's certificate from the software and inserting a time stamp on an electronic transaction is one of the other capabilities that ParsTrust offers. In short, the management of all the life cycle processes of electronic certificates becomes possible with the help of ParsTrust. This product consists of 7 components CA, RA, IdP, OCSP, VA, TSA, and PKIR.

Category	Security
Founded	2016

▼ <Application>

► Management of all electronic certificate life cycle processes such as issuing, renewing, suspending or canceling

</Application>

✓ *This product is information security software.*

▼ <Technical Specifications>

► **Functional features:**
  ※ Support for public key certificates and v1 X509 v3
  ※ Support for CRL v2
  ※ Support for PKCS #1, #5, #7, #8, #9, #10, #11, #12
  ※ Compliance with IETF PKIX certificate management standards

► **Support for determining certificate management policies through dynamic profiles including:**
  ※ The ability to determine the format for the content of each of the subject fields of the certificate
  ※ The ability to define different extensions to include in the certificate
  ※ Ability to issue several different certificates with one profile
  ※ Ability to not make the policies related to the certificate be retrospective and ex post facto
  ※ Ability to define key profile including key length, key generation algorithm, key lifetime, key storage medium
  ※ Automatic and semi-automatic management of certificates
  ※ The ability to determine the allowable range of the certificate renewal request (Renew Margin)
  ※ Ability to issue, revoke, suspend and unsuspend all types of certificates
  ※ Ability to extend and renew the key of all types of issued certificates
  ※ Supporting the determining of the operation time on the certificate for the future
  ※ Supporting key management functions including production, storing, revocation and suspension
  ※ The ability to manage requests (registering, reviewing and editing, canceling and

▼

deleting all types of certificate requests)

* Ability to archive, search and retrieve applications and certificates
* Ability to view the working process of requests
* Ability to display the life cycle of the certificate
* Verification of two-factor authentication of system users
* The ability to define and manage different roles for each component based on the services offered by the components
* Multi-level defining and managing of organizations up to 5 levels
* The ability to define and manage users for each component with the ability to assign roles and organizations
* Access control of multi-level users in the form of Role-Based and Record-Level
* Supports HelpDesk
* Supports PKCS#11 standard interfaces, communication with all kinds of hardware and software encryption modules
* Ability to work with all types of encryption modules such as JKS, IAIK, Luna, PTK, SUN
* Compatibility with ParsKey token
* The ability to support the determination of the CRL time frame
* Ability to update and periodically publish CRL compatible with RFC5280
* Supports issuing certificates and CRL mechanisms in the PKIR repository compatible with RFC2253 LDAP protocol
* The possibility of addressing and differentiating the certificate based on the distinguished name (DN) compatible with RFC2396
* Ability to simultaneously update several OCSP, RA, PKIR 28- Supporting RSA, ECC, DSA algorithms
* Supporting the function of producing a time stamp compatible with the RFC3161 standard
* Supporting the online and customized validation mechanism through the VA component
* Supporting online certificate status inquiry mechanisms in the OCSP component compatible with RFC5019
* Audit chronlogy in the form of Block Chain in all components
* Normal chronology with the possibility of saving in various files, databases or

sending events over the network

▶ **Operational features of ParsTrust product:**

　※　Has a Licensing mechanism

　※　Ability to manage and guide certificate authority (CA) and registration authority (RA)

　※　The ability to support multiple CAs in the RA component

　※　The ability to support multiple CAs in the OCSP component 5- Has a user-friendly web portal for each component

　※　Ability to increase OCSP components separately

　※　Ability to increase the number of registration offices

　※　It has high scalability with the ability to use different components of the product in a centralized and distributed manner according to the need.

　※　No limit on the number of levels of the trust hierarchy

　※　Compatibility and ability to run on different software and hardware platforms

　※　HA capability with Load Balancing and FailOver management

　※　Monitoring ability

　※　Having a backup and information recovery plan

　※　Speed in the operation of issuing certificates and generating keys

　※　Ease and speed in deployment and installation

　※　Support for two-way SSL/TLS communication between components

　※　Support for SSL/TLS connection with the database

　※　Support for SSL/TLS communication with the certificate storage repository and CRL (PKIR component)

　※　Product development features of Parstrust:

　※　Presenting the structure of ParsTrust product components in the form of As Services with a three-layer architecture

　※　Using the Java programming language to implement servers, which leads to the execution of the product on any operating system.

　※　Using Java and PHP programming languages to implement web user interfaces

　※　Has intelligible documentation and diagrams for each of the components based on UML 2.0

　※　Database-independent design and ability to work with Oracle, MySQL, PostgreSQL, DB2, Microsoft SQL Server databases

　※　Using Scrum methodology (with internal localization) for product development

</Technical Specifications>

●⟩ Arcaptcha (Bot protection service)

Cyber Security	WebApp

🗇 Paya Danesh Aria Co.

www.arcaptcha.co

آرکپچا

Product Introduction: ⟨   ⟩

Bot protection service is a sensitive and important security service for businesses. However, no native service has been activated to meet this need. Also, the similar foreign service belongs to the foreign company Google, which has made its use challenging for businesses due to the existence of restrictions and at the same time security sensitivities. ArcPecha was developed as the only built-in bot detection service to meet this need. The implementation of this service has been done entirely by the developers of Paya Danesh Aria based on research and development.

ArcCaptcha is a professional and native smart captcha service that was developed using artificial intelligence and was created with the aim of solving the challenges in the field of security of other internet businesses. So that it not only does not harm the user experience, but also helps to introduce and stabilize the brand in the mind of the audience.
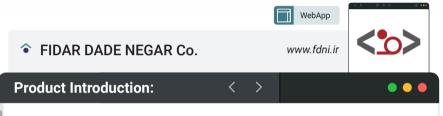
▼ **\<Application\>**

- ► Smart user recognition
- ► Identifying robots from humans
- ► Robot risk analysis system

\</Application\>

✓ *This product is information security software.*

•> Pars Pam

WebApp

☀ **FIDAR DADE NEGAR Co.**

www.fdni.ir

Product Introduction:

‹ ›

● ● ●

This product can act as an effective solution for managing, controlling and monitoring user activities. This solution provides a centralized policy-making framework for the IT security team to issue the necessary permissions for role- and responsibility-based privileges and provide law-restricted access to privileged accounts.

The variety of software and operating systems used, as well as the dependence of all parts of the organization on software systems, have created a platform prone to accidental and planned malicious actions. In this regard, deterrence, prevention, detection and audit are 4 important and vital principles in the management of local and remote access, all of which are presented in the Pars Pam system in the form of an integrated product.

Category	Security

▼ **\<Application\>**

   ► Creating remote and privileged access to employees, customers and contractors in organizations, banks, insurance institutions, financial institutions and all the centers they have (to maintain security and prevent accidental and planned malicious actions)

\</Application\>

✓ *This product is information security software.*

iHiT

Iran House of Innovation and Technology (iHiT)

Iran House of Innovation and Technology (iHIT) is one of the types of export intermediaries that launched under the auspices of the Vice President for Science and Technology in Kenya, China, Russia, Turkey, Syria and Iraq. In addition to accessing the export instructions, these houses provide variety of services for companies to enter the interactional service markets such as: private and shared workspace, permanent exhibition of products, finding business partners and investing in the target countries of export, company registration, product registration, medicine, medical equipment and trademarks registration, dispatch and admission of business delegations, hiring local specialists to present products and service.

🇮🇷 TEHRAN iHiT

Manager: Mohammad Karami

Field of Activity: Permanent International Exhibition | Export of products and services of knowledge-based, creative and technology companies in Tehran

Country: Islamic Republic of Iran – Tehran

Services:
- Holding permanent exhibition of knowledge-based products and services
- Holding specialized events and meetings
- Providing dedicated and shared workspace in Tehran
- Identifying export opportunities
- Identifying opportunities for scientific, technological and industrial cooperation

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Office Phone: (+98) 912 706 9611

🇰🇪 NAIROBI iHiT

Manager: Ali Baniamerian

Field of Activity: Export of products and services of knowledge-based, creative and technology companies

Country: Republic of Kenya – Nairobi

Services:
- Holding Permanent exhibition of products and services
- Providing dedicated and co-working space
- Holding the National Pavilion of the Islamic Republic of Iran in international   exhibitions
- Export development of knowledge-based products
- Identifying opportunities for scientific, technological and industrial cooperation
- Providing export instructions of the Center for International Science and Technology Cooperation

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🇨🇳 SUZHOU iHiT

Manager: Amir Ghorbanali

Field of Activity: Export of products and services of knowledge-based, creative and technology companies

Country: People's Republic of China - Shanghai

Services:
- Holding Permanent exhibition of products and services
- Export development of knowledge-based products
- Providing dedicated and co-working space
- Identifying opportunities for scientific, technological and industrial cooperation
- Holding the National Pavilion of the Islamic Republic of Iran in international exhibitions
- Providing export instructions of the Center for International Science and Technology Cooperation

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🇷🇺 MOSCOW iHiT

Manager: Mahdi Deilam Salehi

Field of Activity: Export of products and services of knowledge-based, creative and technology companies

Country: Russian Federation – Moscow

Services:

- Holding Permanent exhibition of products and services
- Providing dedicated and co-working space
- Holding the National Pavilion of the Islamic Republic of Iran in international   exhibitions
- Export development of knowledge-based products
- Identifying opportunities for scientific, technological and industrial cooperation
- Providing export instructions of the Center for International Science and Technology Cooperation

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🇹🇷 ISTANBUL iHiT

Manager: Masoud Hasani

Field of Activity: Export of products and services of knowledge-based, creative and technology companies

Country: Turkey – Istanbul

Services:
- Holding Permanent exhibition of products and services
- Providing dedicated and co-working space
- Holding the National Pavilion of the Islamic Republic of Iran in international   exhibitions
- Export development of knowledge-based products
- Identifying opportunities for scientific, technological and industrial cooperation
- Providing export instructions of the Center for International Science and Technology Cooperation

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🇸🇾 DAMASCUS iHiT

Manager: Mohammad Hadi Zeighami

Field of Activity: Export of products and services of knowledge-based, creative and technology companies

Country: Syria – Damascus

Services:
- Holding Permanent exhibition of products and services
- Providing dedicated and co-working space
- Export development of knowledge-based products
- Identifying opportunities for scientific, technological and industrial cooperation
- Holding the National Pavilion of the Islamic Republic of Iran in international exhibitions
- Providing export instructions of the Center for International Science and Technology Cooperation

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🇮🇶 Iraq (Sulaymaniyah) iHiT

Manager: Hossein Salmani

Field of Activity: Export of products and services of knowledge-based, creative and technology companies

Country: Iraq – Sulaymaniyah

Services:
- Holding Permanent exhibition of products and services
- Providing dedicated and co-working space
- Holding the National Pavilion of the Islamic Republic of Iran in international exhibitions
- Export development of knowledge-based products
- Identifying opportunities for scientific, technological and industrial cooperation
- Providing export instructions of the Center for International Science and Technology Cooperation

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