BARSI

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Get To Know Barsi

Barsi company is the first and only Iranian private company and a member of the International Society for Photogrammetry and Remote Sensing (ISPRS), which has been operating since 1999 with the aim of new scientific developments in fields such as remote sensing, GIS, production and development of spatial software, mapping, environment and geophysics.

Our company provides wide access to all kinds of satellite images and faces no restrictions on supplying images and providing a collection of updated and archived commercial images.

The company)s products are divided into two categories: Data and Software.

ABILITIES AND FIELDS OF ACTIVITY

- Remote sensing
- Surveying
- Functional, Organizational and Infrastructure Software Development

- Mapping Services
- Photogrammetry and UAVs

- Smart Transport and Logistics Solutions
- Intra-Organizational Messaging Systems
- Geospatial Information Systems Solutions

CHATSI — Secure Organizational Messenger

ChatSi is a secure enterprise messenger with the feature of sending text messages based on asymmetric encryption and with the ability to make voice and video calls as well as create video conferences on the web, Android, IOS and desktop platforms. In the shortest possible time, it is possible to start a server locally with unlimited service capabilities.

MeetSi — MeetSi; Video Conference and Sessions Managements

Designing and creating a stable, secure, open-source, distributable, agile and service-oriented infrastructure using the world's latest knowledge for video conference communication with meeting management in a completely secure manner.
- Define of public calendar along with determination of working days and holidays
- View appointments and meetings on a daily, weekly and monthly basis to view the user's "free" and "busy" times and many other features...

RAHSI — RahSi Smart Tracker

It is a slim design tracker that is easy to install with built-in GNSS/GPS antennas, flash memory, integrated backup battery, accelerometer, I/O and BLE 4.0 communication sensors and beacons support. Thanks to a rich set of features, this easy-to-use rangefinder offers undeniable value to GPS telecom service providers and end users.

FleetSi — Fleet Management System

The possibility to create a variety of periodic maintenance and service programs for vehicles based on the amount of traveled distance or the working time of parts with the ability to send reminders and warnings on various communication channels. Also, the possibility to monitor the car, fuel, Attendance within the designated area, etc. Besides that, by using the management reports, you can quickly have the repair and maintenance costs of any vehicle or machinery and make a decision to scrap, sell or maintain it.

Raksi — Lightweight Transportation Management System

The goal of improving the operational status of the light transport fleet of employees through smart system and assessing the performance of subordinate units and fleets is to modify processes, plan and maintain services under various circumstances and during crises, in order to streamline costs through system control. The system can be deployed on web platforms, Android and IOS, along with being implemented locally and securely on an organization's servers.
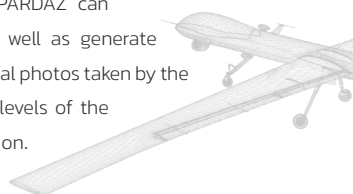
TRACKSI — Heavy Transportation Tracking System

Providing transport for employees, products, and different materials, by various mechanisms, is one of the main aspects of a factory)s life cycle. Therefore, the existence of a centralized system in transportation management is highly necessary. Our purpose for implementing this system is to monitor the condition of transportation, ensure system integrity control, improve capacity management, direct transportation requests, and make appropriate decisions to increase the efficiency of the transport mechanism as well.

PARDAZ — UAV Image Processing System

The UAV image processing system or PARDAZ can perform photogrammetric processing as well as generate specific information and 3D data from digital photos taken by the UAV. The system carefully examines the levels of the images and displays them in high resolution.

MapSi — Create, Manage and Securely Share Maps and Mashups

Secure location information system for managing, analyzing geographic layers and providing geographic services based on the OGC standard on the web platform.
Basic map service: Providing various OGC-based services such as satellite, urban and 3D maps.
Spatial analysis: The possibility of analyzing all types of raster layers such as visibility analysis, slope zoning, buffer, etc.

GUARDSi
GuardSi, Integrated Authentication

Guardsi is a single sign on solution for web applications and RESTful web services. Guardsi)s goal is to simplify application security so that developers can secure the applications and services they deploy in their organizations. Security features that usually a developer has to create himself, Gardsi provides in a ready and adjustable package according to the needs of the organization, Gardsi offers a customizable user environment for entering the program, managing users and administrators and managing accounts.

DASHSi
Powerful for Generating Reports

DashSi is a multiplatform and open source web application for data analysis and interactive visualization providing charts, graphs, and alerts for the web when connected to supported data sources. End users can create complex dashboards using interactive query builders. It is expandable through a plug-in system and divided into the front end and the back end, respectively written in TypeScript and Golang.

LinKs
LinkSi, Unlimited Data Connection

LinkSi is a powerful, open-source and distributed framework that can connect any data content from any source to any destination with arbitrary modifications. By using a powerful user interface, it is possible to create data flow between systems.
• Ability to read and write CSV, TXT, JSON, Excel files and add Customize format to the system
• Ability to connect to relational and non-relational databases including MS SQL Server, Oracle, MySQL, PostgreSQL, MongoDB, Redis, Cassandra and...

REPORTSi
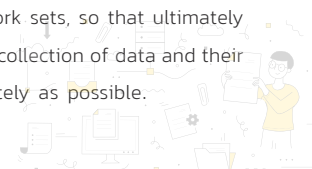### Define All Types of Reports

Providing a centralized and secure system in order to define all types of reports with different interfaces.
• Separating the design environment from the display in order to increase data security
• Ability to define, manage and categorize reports
• Ability to apply access to defined reports
• Possibility of dynamic filtering
• ...

CloudSi
Organizational File Hosting Service

A collection of tools in the form of plugins and open source for managing, uploading and synchronizing files as a cloud storage service on the server side of the organization. CloudSi is functionally similar to Dropbox and Office 365 or Google Drive.

Smart BPMS
Smart BPMS; Easy Business Proccess Management

The term Business Process Management System or BPMS as an abbreviation; In fact, it is a software for automating and mechanizing business processes. The BPMS system, which is used in businesses through the deployment of CRM software, provides business owners with the ability to model, design, edit and implement all organizational processes in companies and all types of work sets, so that ultimately the main goal of using BPMS is which is the collection of data and their analysis, to be done as quickly and accurately as possible.

SITA
SITA; Integrated System of Land Changes

The Change Detection System (SITA) software detects the changes in satellite imagery. In this software, these images can be examined by using two or more images from an area and preprocessing them. The system, besides, manages to identify the phenomena and observe the differences through Satellite Image Time Series.

CETIA
Vector and Raster Data Management

CETIA is a geospatial data management system that enables great deal of geospatial information to be properly loaded and displayed, including vector data (digital maps) and raster data (aerial images, satellites, ۳D models of the earth) in various formats and modes. The software display features include OSM, Google Lables and Virtual Lables, which can be viewed online on the software.

SAMAN
FireGuard; Integrated Management of Fire Spread

SAMAN is a web-based system that is used to locate the best route to reach the area where a fire has taken place. The system takes advantage of various firefighting information layers, passages, satellite imagery of online services as a background, as well as traffic data for different hours and days in order to determine the optimal route and fire stations.

FireGuard
FireGuard; Integrated Management of Fire Spread

FireGuard is a geospatial web-based system and mobile application that generates and displays active fire maps, burnt areas and potential fire hazards using automated processing system of various satellite images on a daily or selected timeframe. This system also provides the possibility of receiving statistical reports of products based on the city, province and over the selected time periods.