About KoçSistem

KoçSistem, being the most long-established and the leader information technologies company in Turkey, was founded in 1945. The company, recording a significant transformation in the last five years, has turned into an outsourcing services provider which generates technology solutions specific to its customers. KoçSistem, a member of the Koç Group, has accomplished many firsts with its services both in public institutions and private sector companies.

KoçSistem is a leading IT services provider and one of the very few IT companies that can provide "design – implement – operate" elements of a business solution on an end-to-end basis. At KoçSistem, customers' demands and expectations are aligned with specific solutions which are required to address the needs in a reliable and well-integrated manner.

"Your imagination is our strength" is the motto of KoçSistem that expresses the company's development and institutional presence. KoçSistem operates with the aim of realizing its clients' sustainable development targets and focuses on 'Creating a difference' as a strategic approach.

Establishing powerful strategic partnerships with the greatest technology leaders of the world, KoçSistem carries out its clients' unconditional contentment through its service centers all around Turkey.

sitelink

Remote Site Management Solution

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KoçSistem
"Your imagination is our strength"

Sitelink…
"Access your assets from anywhere, anytime"

The explosive growth in mobile phones and demand for mobile applications has resulted in growth in base station numbers. Dozens of independent systems work in base stations including security cameras, power supply systems, power consumption, humidity levels and more. It is hard to manage and monitor each base station and each separate subsystem. Duplicated efforts are needed to maintain performance with increasing maintenance costs and call handling duration.

KoçSistem has developed a single solution to handle all these problems:

Sitelink, your link with your base station sites

Sitelink is a single solution that remotely controls, monitors and manages all your critical base station subsystems. Sitelink consists of two main components: Sitelink Remote Controller Unit and Sitelink Management Center. They provide a powerful tool that consolidates hundreds of tasks into one easy-to-control system, that you can set up the trip points for alarms, download historical data, view trends, and determine current status of your systems' inputs and outputs.

Sitelink remotely controls and monitors energy use, security systems, climate, site access and more.

Sitelink Remote Controller Unit

Sitelink Remote Control Unit is deployed at each base station site. The unit contains these modules: Base/Sensplorer Module, IO Module, Serial Module, GPRS Modem, Charge Module, Accumulator, RFID Card Reader, Ethernet Module
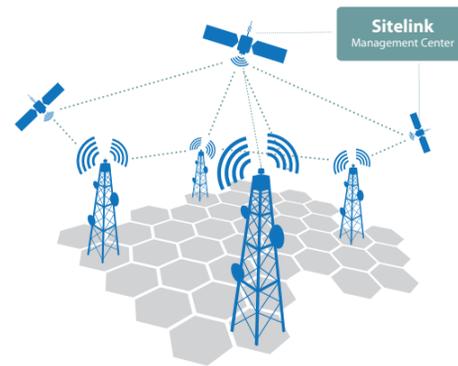
Sitelink Remote Controller Unit collects all the data from base station subsystems, analyzes data according to predefined thresholds and takes corresponding actions according to analyzed data result.

Sitelink Management Center

Each Remote Controller Unit connects to centrally-located Sitelink Management Center, providing a detailed picture of how entire system is performing. The unit connects to the Management Center through a dedicated backhaul Ethernet port or an optional integrated wireless modem. If connectivity is lost, remote controller unit is capable of storing up to 24 hours of cell-site subsystem data to be transmitted when connectivity is re-established. Sitelink Management Center can accommodate input from unlimited remote controller units.

Sitelink Management Center is not only capable of real-time equipment maintenance, status and alarming, but also is capable of scheduling future site specific changes on either a one time or a regular recurring schedule. In addition, it is capable of generating reports that summarize the cell site specific data that is constantly being gathered by the RCU units at each cell site.

Management Center contains these modules: Site Access Module, Alarm Management Module, Reporting Module, Site Administration Module, Help Desk Module, Upgrade Module

Site Access Module

Site Access Module remotely manages base station access authorization. All authorization process can be managed and different authorization levels for different users can be defined. All site access data including site entry, site exit and unauthorized access can be monitored through site access module. In case of unauthorized access, predefined users are alerted by email or SMS.

Alarm Management Module

Alarm management module acts as the notification center for site alarms and status information, is centrally located and designed to communicate with each base station. All data gathered from base stations is transmitted to Alarm Management Module. Both current status and historical data of the system input and output can be monitored and analyzed through this module.

Sitelink remote control unit gathers data from various subsystems and different threshold points creating alarm can be set for each subsystem. Workflows can be determined in case of an alarm; so alarm handling process can be managed in this module. Custom events to handle alarms can be triggered according to the defined workflows; Sitelink Remote Controller Unit takes corresponding actions according to analyzed data result. In case of an alarm, users can also be informed by SMS or email. With IP cameras, all inside activity is recorded and it is monitored in this module. Alarm handling process is supported by video data, in case of any event the related recorded camera video is found and it is matched with the event.

Manage all your critical base station subsystems

Power
Rectifier, Power Meter, AC /DC Power Transfer Switches , Tower Light , Fuel Cell, Power Fail

Energy
Battery Discharge, Battery Management, Fuel Levels, Generators

Environmental
Air Conditioner, Temperature, Thermostats, Water Intrusion, Humidity Sensors, Aircraft Alarm, Free cooling

Security
Entry alarms, Fire/Smoke, Cameras, Remote Access Control, Motion Sensor

Reporting Module

Reporting module provides accurate and clear reports that show exactly how system performs in accordance with the defined Key Performance Indicators (KPIs). The module generates reports that summarize cell site specific data that is constantly being gathered by the RCU units at each cell site. Some reports are;

Site Access Report, RFID Card Access Report, Status Report (Power, Environmental, Security, Energy) , Alarm Report (Power, Environmental, Security, Energy), Historical Report (Power, Environmental, Security, Energy), GIS Based Site Tracking Report, Customizable Reports, Power Supply, Generator, Air Conditioner Specific Detailed Report, Sitelink Installation Progress Report, Historical and Live Video Data

Help Desk Module

Help Desk module acts as a communication center with Sitelink support center and it is only available for the customers who have a service contract for Sitelink support services. Calls about any problems including authorization, site entry etc can be opened via this module. The latest call status can be monitored and calls can be diverted to related users and/or departments. Also historical analytical reports like call handling duration, most occurring problem types and geographic problem distribution can be obtained through this module.

Site Administration Module

Sitelink web administration is managed through administration module. User authorization process can either be managed directly or specific roles can be defined with certain authorization levels assigned in order to make Sitelink web portal management easy. Authorization levels can be diversified for different layers like reports and transactions. Sitelink web portal data history logging and Sitelink web portal usage reporting is also obtained from this module.

Upgrade Module

Upgrade module acts as the communication center for updates. Remote Controller Unit firmware is upgraded via this module. New alarm workflows are remotely activated and changes are reflected in workflows. Onsite upgrade operations are eliminated and upgrade costs can be diminished by Upgrade module and it is ensured that all sites maintain the latest software version.

Sitelink Value Proposition

Control KPI's in Real Time

Sitelink provides accurate and clear reports that show exactly how your system is performing according to your Key Performance Indicators (KPIs).

Maintain Security

Sitelink enables you to control and monitor all security and safety subsystems within each base station sites. Control site entry and exit, record and monitor all activity – authorized and unauthorized. Alarm management and workflow tools provide proactive event management and proactive remote control. Users are immediately informed, when alarms are triggered to prevent or reduce damage to cell sites.

Reduce Maintenance Costs

Sitelink dramatically reduces site visits and maintenance costs. Situations can be identified before they become a problem. Moreover, energy consumption is reduced through automatic maintenance and monitoring of temperature and humidity.