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Security is  
based on trust.



#### Our Esteemed Customers & Valuable Friends

As you, our valuable friends, know our company Senkron Security has completed its 18th year in the sector in 2015 as the industry leader in the Electronic Security Systems Integrator by the unique projects it has implemented since 1997 and it started to be traded at the İstanbul Stock Exchange (BİST) after having gone to the public in March 2015.

Within the large service range from technological solutions to consultancy and aftersales technical support, our company provides the most efficient security solutions tailored for special needs of each customer. It makes a difference in various areas ranging from small and medium size enterprises to campus areas and dams.

Security is one of the most fundamental necessities for every aspect of our life. The security need of each customer as well as its dynamic and properties are also different. Therefore, each customer of ours requests a solution partner that will understand them well and speak the same language.

As Senkron Security, apart from the classical understanding, we are progressing in specializing according to sectors of our customers by our applications and solutions. We renew and improve our efforts for this purpose.

We are aware that greatness and power of a security company depends on information, caution, and quality, sense of mission, honesty and vision of the on-site technical staff working at the forefront.

In addition to our manpower which is constant of the sector, we provide combined solutions by using every aspect of technology and developing products. We develop different solutions depending on architectural settlement, operation and production stages of our customers' workplaces.

We know that every sector and enterprise have different conditions in terms of security and want to see our expertise intended for their own needs. They want to see powerful and expert side, knowledge and equivalent project implementations of Senkron. And this depends on being training oriented and developing itself or having this understanding in short. As Senkron, we are a solution partner submitting this corporate culture to all of our customers.

We make a great difference by focusing on each sector separately thanks to our domestic and international experiences. In the Select catalogue in your hand, we submit 41 different solutions we selected among our customers from different sectors for your information.

We accept adding value to our customers, integrating technological products to the services and presenting our security solutions by optimizing them via maximum utility parameters as our primary business principles.

Behind more than 140 thousand systems we have completed up to now lie our expertise in the sector, powerful technical staff, national and international solution partners and most importantly our customers' trust in us.

The greatest award to us is our customers' trust in us. We present our thanks to everybody trusting in us.

**Bülent Çobanoğlu**  
**Board Chairman**



Senkron Security keeps its customers “in safety” by its end-to-end services and solutions for occupational safety and security of life spaces and provides added value for its customers by its knowledge, experience and expertise in engineering area.

Leading electronic security system integrator of Turkey, Senkron Security & Communication Systems Co. was established in 1997 in order to provide electronic security system solutions to domestic and international enterprises by its area of expertise which is engineering services.

Senkron, as solution and business partner of various international brands in Turkey, is an electronic security system integrator providing turnkey project services with a business principle basing on the principle of unconditional customer satisfaction.

Senkron is the first company developing security solutions intended for the banking system in Turkey. It has more than 140,000 installed systems in Turkey and abroad. Many of these systems are formed of banking and financing institutions, retail and store chains, international companies, conglomerates and residence and life areas.

Behind the successes achieved by Senkron lie its customer oriented approach, innovative technology, high knowledge and its management approach centering on innovative products, services and solutions without compromising on quality.

Senkron, realizing successful projects thanks to its expertise and experiences, satisfies all electronic security solution needs of its hundreds of customers ranging from financing institutions to power plants, from conglomerates to store chains and from governmental organizations to media outlets.

- Closed Circuit TV Systems
- Security Software for Closed Circuit TV Systems
- Card Access Systems
- Biometric Access Systems
- Burglar Alarm Systems
- Fire Alarm Systems
- Fire Extinguishing Systems
- Environmental Safety Systems
- Video Intercom Systems
- Car Park Safety Barriers, Road Blockers and High Speed Doors
- Vehicle License Plate Identification RFID & Under Vehicle Monitoring System
- Metal Door & Hand-Held Detectors & X-Ray Control Devices
- Explosive & Narcotics Identification Systems
- Turnstile and High-Security Full-Size Cabinets
- Emergency Announcement and Sound Systems
- Electronic Product Observation
- Wireless Security Systems for Works of Art
- Electronic Key Management and Safe Key Solutions



Our solutions  
are always  
customer  
oriented.

We see the principle of “unconditional customer satisfaction” as our main purpose while presenting our products, solutions and services.

Senkron, structured to be a solution partner as per needs of its customers in the area of security and rendering high quality service, provides services within a large range and works to enhance your security.

Senkron is the implementer of the technologies with international brand recognition in Turkey along with its powerful business partners. Senkron, exceeding the standard in terms of building and submitting the solutions, provides different solutions and services which can effectively satisfy all electronic security needs of its customers.



## Garanti Bankası



“Our collaboration with Senkron starting in 1997 with a single branch has reached to a huge structure covering all fields of operation of Garanti Bankası in the last 17 years.

Our dream was to observe alert details and images of all buildings, branches and ATMs from a Security Center we would build in real time and today our dream was fulfilled by reaching to a faultlessly operating system of 3500 subscribers equipped with the cutting edge technology.

I personally consider Senkron as a chance in the restructuring journey of Garanti Bankası starting in 1997 and want to stress that the most significant input of this collaboration was trusting.

I wish a successful and respected future with all my heart for Senkron I consider as the most significant actor among leading companies of our company.”

**Selçuk Özkayım**  
Security Manager of Garanti Bankası



Garanti Bankası started to conduct the Electronic Security Systems in all branches ATMs and service buildings from the Security Centers by establishing the Alarm Intelligence Centre, matchless in the banking sector as of 1997, within its body in aforesaid year.

Garanti Bankası is one of the most significant banks of the Turkish banking and financing system managed by Doğuş Holding and Banco Bilbao Vizcaya Argentaria S.A. (BBVA), which are two strong enterprises, according to equal partnership principle.

### REQUIREMENT & REQUEST:

It was requested by the Security Management of the bank to structure all service points and administrative buildings in line with the following issues:

- Use of brands and products of cutting edge technology in the systems
- Integration among systems
- Ensuring efficiency increase expected upon system installations
- Easy management of the systems by the central administration with a limited staff
- Durability and low maintenance cost of the systems
- Ensuring system requirement and competence

### SYSTEM DESIGN & SOLUTION:

High technology, WDR Day & Night cameras which can be controlled from the Security Center were used in the Closed Circuit TV Systems installed in the branches and ATMs. All cameras are locally connected to the digital video recording devices and records of at least 60 days are saved. Moreover, ATM recording devices which were specially developed for the banks, can operate with very low bandwidths, keep records for at least 120 days and be connected to the alarm center very swiftly as well as impact resistant dome cameras were used.

As the Closed Circuit TV System is fully integrated with the Theft/Burglary Warning System, recording images of the arising alarms can be displayed via the alarm center of the bank and smart phones. The systems are managed from the security center by using minimum personnel.

On the other hand, the Theft/Burglary and Fire Warning System in integration with the Closed Circuit TV and Card Entry System and ensures that detailed records can be received from the images of the camera connected to the alarm.

Pass Entry Systems do not only feature unlimitedly expanding pass control which can be conducted from the Security System but also compose system reports, which can also create PDKS (Personnel Attendance Control Systems) reports, separately in the branch and/or headquarters. The Pass Control System operates in full integration with the camera system.

Regarding relative humidity and high temperature warning systems installed in the system rooms of the branches, these units are remotely controlled and their being damaged structurally is prevented depending on reception of the alarms under conditions in which relative humidity and temperature of IT Storage and Networking devices are under or over set values.

Garanti Bankası which has a dynamic working model and integrates technology into its innovative products and services started to conduct the Electronic Security Systems in its all branches, ATMs and service buildings from the Security Center by establishing the Alarm Intelligence Centre, matchless in the banking sector, in 1997.

Garanti Bankası conducts 75,000 sensors, 30,000 cameras and more than 100,000 security sensors connected to its Alarm Center 24/7 by its competent and dynamic security personnel.

# Türkiye İş Bankası

Türkiye İş Bankası is the first national bank established in Turkey in the Republican Period. The largest private capital bank of Turkey, Türkiye İş Bankası was established on 26 August 1924 which is anniversary of the Battle of Dumlupınar in line with the decisions taken at İzmir Economy Congress.

## REQUIREMENT & REQUEST:

Security Management of the bank, via its Support Services and Purchasing Department, requested design and implementation of high resolution cameras for Cash Safekeeping Centers and Closed Circuit TV Systems which can be conducted via connection from the headquarters in İstanbul, keep records for at least 60 days and operate with narrow band.

## SYSTEM DESIGN & SOLUTION:

In the project designed by our company for Cash Safekeeping Centers of T. İş Bankası, those following were ensured: controlling and counting the cash flow consisting of high volume Turkish Lira and Foreign Currency; money classifying; uninterruptedly recording the money sent to or coming from domestic and international branches and Central Bank by high-resolution cameras; uninterruptedly recording the entire process passing between conversion of valuable papers to bill and delivery of them to the relevant locations in special bags; watching all these processes from the headquarters via remote control and reaching to records of 60 days when necessary.



In 2005, security camera systems were installed by Senkron Security in Cash Management Centers of our bank (Fatih, Taksim, İzmir & Ankara).

Senkron Security successfully carried out design, installation and post-installation services of the new system.

We thank Senkron Security, one of the leading companies of the sector, for their cooperation and support.

**Özdem Ardahan**  
Deputy Manager at  
T. İş Bankası

Uninterrupted recording of work processes, displaying them at the headquarters via remote control and reaching to database records of 60 days when necessary are ensured.





## Türk Ekonomi Bankası

Conduct from the security rooms located in operation rooms by assembly, installation and system commissioning was ensured in a short period of 3 months.



We thank to Senkron family which is one of our primary service provider, has cooperated with us as our solution partner and consultant and provided great support for us since the years of merger. Best regards.

**Kamuran Şahin**  
Security Manager of  
Türk Ekonomi Bankası

Türk Ekonomi Bankası is the first enterprise of TEB Group and started its operations in 1927. TEB Group is the founder and shareholder of TEB companies.

While the banks generally render service by large branch networks throughout the country in 1980's, TEB was largely known for foreign trade financing and investment consultancy.

Pioneering in private banking operation in our country, Türk Ekonomi Bankası maintains its respected and privileged position in Turkish banking sector by its expanding branch network, products and services as well as its participations in different areas of financing sectors such as investment, leasing, factoring, insurance and portfolio management.

Going public in February 2000, TEB's larger shareholder (84.25%) TEB Financial Investments Co. signed a partnership agreement with BNP Paribas, sixth largest bank active in Eurozone and operating in 87 countries. This partnership unified power and experiences of TEB, one of respected and strong brands of Turkish financing sector and BNP Paribas, an international brand. By this partnership agreement, BNP Paribas had a stake in TEB Investment, TEB Leasing, TEB Factoring, TEB Insurance, TEB Portfolio Management and TEB NV operating in Amsterdam as a Dutch bank.

### REQUIREMENT & REQUEST:

Türk Ekonomi Bankası requested design and implementation of Electronic Security Systems in its Headquarters, Operation Center, Regional Directorates, Service Buildings and TEB branches throughout Turkey.

### SYSTEM DESIGN & SOLUTION:

Headquarters, all Branches, Operation Center, Regional Directorates and Service Buildings of Türk Ekonomi Bankası are protected by the Electronic Security Systems installed with expertise of Senkron.

Following merger of TEB and Fortis Bank in 2011, Burglar Warning and Fire Warning systems in all branches of these banks as well as Code Pass System (in order to control room entries) and Closed Circuit TV Systems were re-designed so as to unify technology of both banks at a common platform.

Conduct from the security rooms located in operation rooms by assembly, installation and system commissioning was ensured in a short period of 3 months and relevant services are rendered by our company.

Uninterrupted security solution was provided by establishing a security center in the operation building in Dudullu in order to follow-up camera images and alarms of all branches.



Entrances-exits of all administrative buildings of YKB are conducted from a single center.

## Yapı ve Kredi Bankası

Being the one of the largest banks of Turkey, YKB was established by Kazım Taşkent in 1944 as the first nationalscale private bank to ensure people to have residences with more appropriate terms. Most of its shares were sold to Koç Finansal Services, within the body of Koç Holding, in 2005. It was legally merged with Koçbank in 2006.

### REQUIREMENT & REQUEST:

The Security Department requested service for design, implantation and maintenance of the Card Entry System conducted via access through the security room in the Headquarters, Banking Base, Data Center and all regional directorate buildings.

### SYSTEM DESIGN & SOLUTION:

We ensured that entrances-exits of all administrative buildings within the body of YKB would be conducted from a single center and building security would be provided under control. It was ensured that the Closed System TV System projected, installed and commissioned by us to keep safe and track the data in the Data Center Building where all banking transactions are performed as well as the Card Entry System would be conducted from the security center to which other buildings are also connected.



Since 2010, our contracted company and solution partner Senkron Security and Communication Systems Co. has provided, maintained and repaired the Card Entry System, Turnstile and Barrier System in our Headquarters and Regional Directorates.

Yapı ve Kredi Bankası A.Ş.



## Bankpozitif Kredi ve Kalkınma Bankası

Established in 2002, the bank took the name of Bankpozitif Kredi ve Kalkınma Bankası A.Ş. in 2006. It rendered service in the area of corporate banking till 2007 and started to provide service in the field of private banking in that year. The bank, starting to render service by its 14 branches throughout the year in the year of establishment, closed all of its branches in 2011.

The bank, maintaining its services in its headquarters in Kavacık is a bank differing from classical banks by offering customer loans via technological channels and leading actor of the Turkish banking industry at that area.

### REQUIREMENT & REQUEST:

Our customer needed to satisfy certain security requirements and maintain this satisfaction to take the security measures stipulated by the laws due to structure of its field of operation.

Our customer requested installation of Closed Circuit TV System to interior and exterior areas and a recording capacity of 60 days in order to provide security in the neighborhood and building for taking measures which it needs and are required by laws. Our customer also requested

the following: keeping the entrance under control in a way to support recording system; designing early-warning alarm system against any border violation and designing and implementing the system which will ensure tracking and management from the monitoring center to be created.

### SYSTEM DESIGN & SOLUTION:

In line with the requirements and requests of the customer, a Closed Circuit TV System providing a recording capacity of at least 60 days was installed around the entire headquarters facility and critical points in that building. Moreover, entries and exits to/from the entrances of the building and floors were authorized and kept under control by the Card-Code Entry System.

In order to prevent possible unauthorized entries and entry attempts as well as to warn the operators in a short period of time, over-wire detection system was implemented and followup of possible alarms was ensured by map software from the monitoring system.

Against possible explosives-laden vehicle attacks to the building, Road Blocker implementation was realized as a measure.



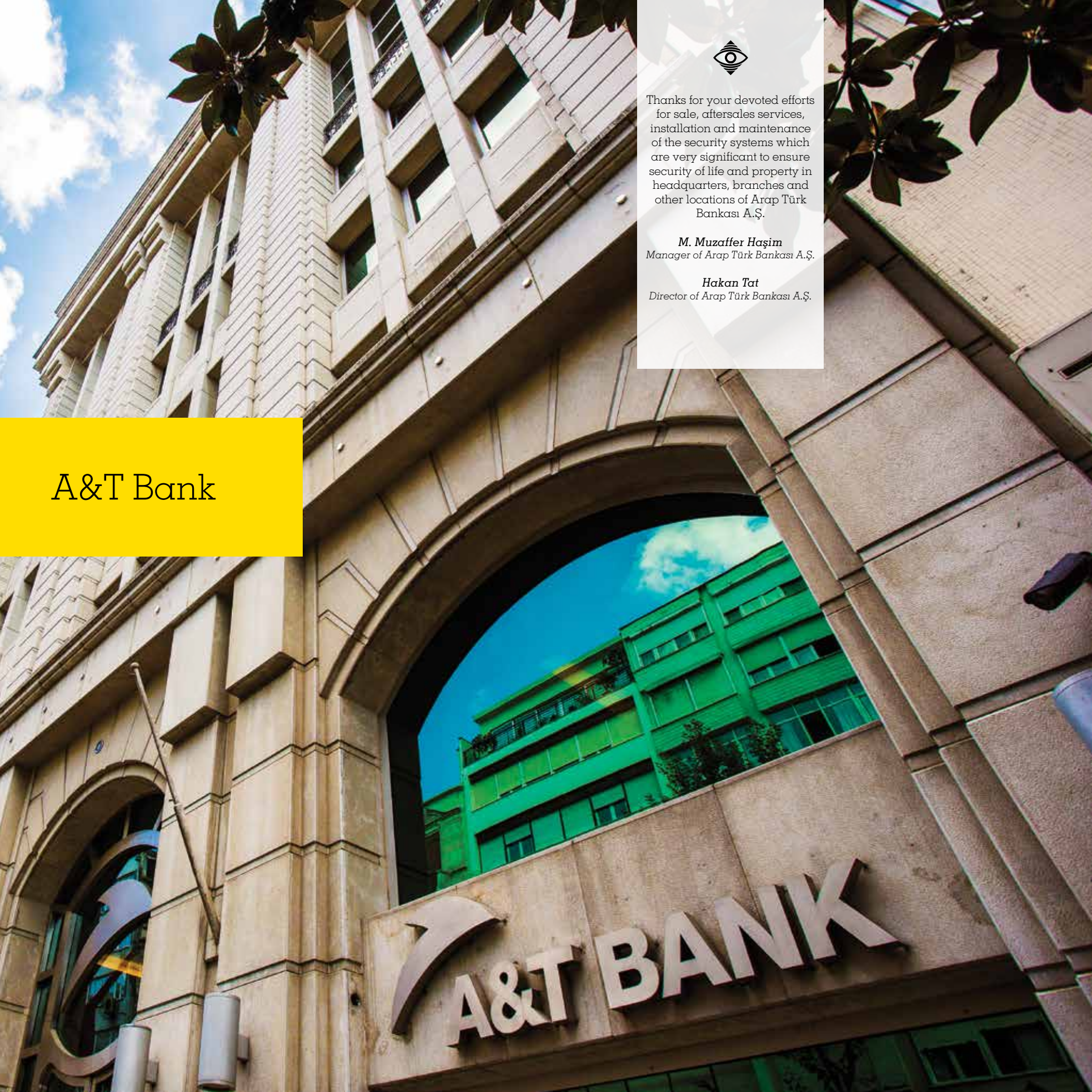
Thanks for minimum failure levels reached in our headquarters projected in 2007 and implemented by your company in both implementation phase and following period 6 years as well as your efficient solutions

**Eray İlkay**  
Security Director of Bankpozitif  
Kredi ve Kalkınma Bankası A.Ş.

All security solutions which need to be available in the buildings requiring high security were installed and could be managed from a single security center.







## A&T Bank



Thanks for your devoted efforts for sale, aftersales services, installation and maintenance of the security systems which are very significant to ensure security of life and property in headquarters, branches and other locations of Arap Türk Bankası A.Ş.

**M. Muzaffer Haşim**  
Manager of Arap Türk Bankası A.Ş.

**Hakan Tat**  
Director of Arap Türk Bankası A.Ş.



Security solutions are provided at the maximum level in headquarters and branches of the bank by performing all risk analyses.

Founded in 1977 by common capital of Libyan and Turkish shareholders in 1977, Arap Türk Bankası continues its journey as A&T Bank. In line with the strategic plan prepared in the last months of 2008, the bank targets to expand to new customer segments, increase its investments to enhance number and type of its distribution channels and increase its number of branches.

### REQUIREMENT & REQUEST:

A&T Bank, in parallel with its investments and growth targets, requested Closed Circuit TV Systems for its headquarters and branches as well as satisfaction of camera recording periods stipulated by the laws and regulations of the Banking Regulation and Supervision Agency. In addition to these, it was requested to record Passes and Controls of the headquarters building, limit entries to certain locations and take measures which could be needed for the sake of life and property security of its employees and customers.

### SYSTEM DESIGN & SOLUTION:

Design installation of the Closed Circuit TV Systems required by the laws and regulations of the Banking Regulation and Supervision Agency was performed and database structures sufficient for camera recording for 60 days were created.

By establishing a single monitoring system and thanks to the Central Monitoring System, it was ensured to receive the images from this center when it is necessary to access camera records and live images of all branches.

Our company designed Theft & Burglary Warning Systems and Fire Detection Systems which became a must for our customer due to its area of operation and the most effective solution was ensured by commissioning these systems.



## Goldman SACHS

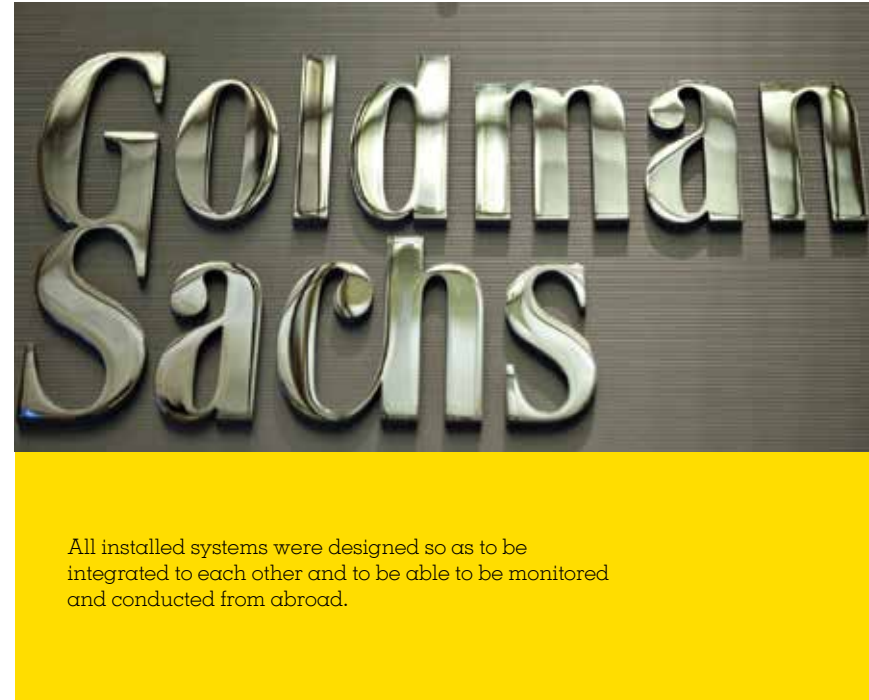
One of the leading investment banks of the world, Goldman Sachs was founded in New York in 1869 and it has branches in international finance centers in Asia and Europe and its headquarters are located in New Manhattan. The bank, famous to be the Rolls Royce of global investment banks, opened a branch in Istanbul in February 2015.

### REQUIREMENT & REQUEST:

The bank requested installation of its Security & Safety systems, designed by its foreign security advisors, in a way consistent with the architectural structure and satisfying its risk analysis design, and aftersales services for these systems.

### SYSTEM DESIGN & SOLUTION:

The Theft/Burglary Warning System, Video Intercom System, IP Closed Circuit TV System and Card Entry Management System available in the business center area of the building were integrated with each other and these systems were designed so as to be monitored and conducted from abroad.



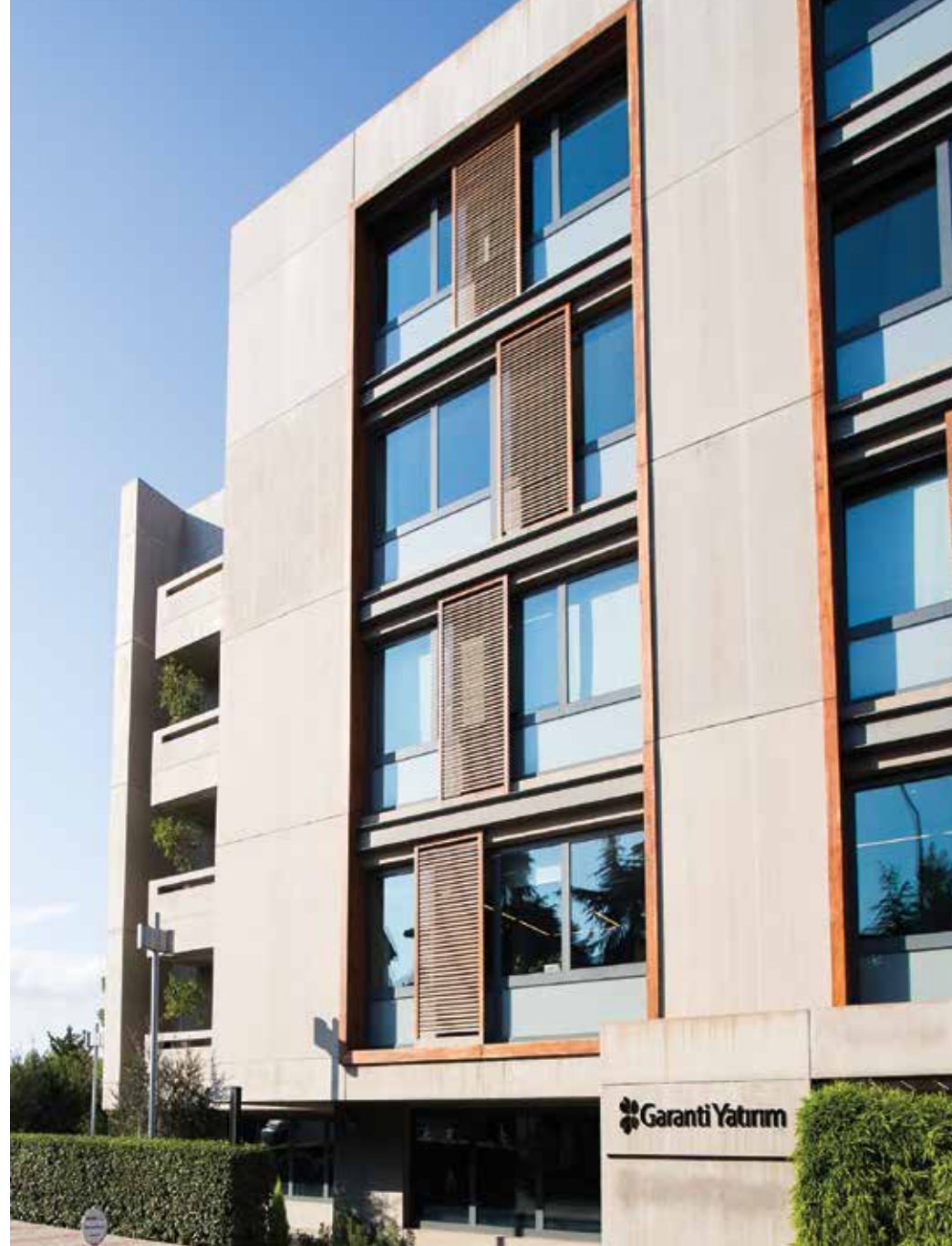
All installed systems were designed so as to be integrated to each other and to be able to be monitored and conducted from abroad.



All of highly secure state-of-the-art technological systems installed in the building of Garanti Yatırım were conducted by the security management by being integrated to each other and all central devices were brought together in the security room.

## Garanti Yatırım

Subsidiary of Garanti Bankası A.Ş. by 99.99%, Garanti Yatırım has rendered service for its domestic and international customers in the areas of corporate financing, researching, capital market intermediation services and private capital investments since 1991 and it is one of the leading brokerage houses of Turkey in settlement and custody services by its operations in the areas of company mergers and purchases, public offerings, private sector bond issuances and domestic and international capital market intermediation services.



### REQUIREMENT & REQUEST:

Garanti Yatırım Menkul Kıymetler A.Ş. requested design of an electronic security system in its new building in Levent in line with the specifications prepared by the Security Management to take the security measures required by specialties its field of operation as well as laws and it also requested us to ensure remote access and integration with the Security Center of Garanti Bankası for the systems to be installed.

### SYSTEM DESIGN & SOLUTION:

Sensors consisting of Active Infrared Barrier were installed around the Administrative Building of Garanti Yatırım for perimeter security and this system was integrated with night vision Analogue Closed Circuit TV and Recording System which also monitors outer perimeter via alarm integration.

RFID Long-Range Vehicle Identification System was installed at car park entry of the building and Car Park Control Barrier and Traffic Signalisation System was defined and entries and exits of all running vehicles to the garage were regulated with a certain schedule.

Theft-Burglary Warning System was installed at entrance areas of the building out of the building perimeter;

Video Intercom System was installed at reception and security points at the entrance of the garage and Metal Door Detector and X-Ray Control Device were put into use for body search and baggage checking respectively.

Interactive Fire Detection System was installed inside the building and Fire Detection & FM200 Extinguishing System was installed in the special areas. Fire Detection System was designed so that all emergency announcements integrated into the Emergency Announcement and General Sound System would be made via this system. Emergency Exit and Fire Escape Direction System were installed for rapid eviction in case of emergencies such as fire, earthquake, flood and terrorist attacks.

In order to regulate entries of the employees and visitors from the reception desk and garage, Half & Full Size Turnstile, Swing Gate System was installed and Proximity Card Entry System was integrated into these systems.

All central devices were brought together in the security room so that integrated and highly secure advanced systems would be conducted by the security management.



We have been operating in our new building of which security systems were designed and installed by Senkron Security since 2010.

During the period passing from installation of the systems to nowadays, we have seen interested, devoted and professional support of the employees of Senkron in all problems we have encountered.

Through you, we thank employees of Senkron for their support for us in maintenance, repair and spare part provision of the security systems.

**Erdoğan Candabakoğlu**  
Building Supervisor in  
Administrative Affairs  
Department of Garanti Yatırım

For Garanti Portföy, CCTV and recording system were installed in all working areas starting from entry of the reception desk and archiving systems were formed by creating a recording period of 90 days and storage area.

## Garanti Portföy

Starting its operations in 1997 as the first and pioneering company of the sector, Garanti Portföy provides services for its customers in the areas of management of investment funds, pension investment funds, alternative investment funds as well as corporate and personal portfolios.

Targeting to be a leading company determining standards of the sector since its foundation, Garanti Portföy is an efficient, reliable company and it respects ethical values.

Coupling of the investment philosophy based on concrete information with consistency and professional service mentality enables Garanti Portföy to respond continuously changing investor demands.

Starting to render portfolio management services for corporate investors in 2002, Garanti Portföy started to manage pension funds in 2003 and added personal portfolio management to its service range in 2004.



### Buildings of Stock Exchange, Financing, Leasing, Securities and Investment



As Garanti Portföy Yönetimi A.Ş., we celebrated 17th founding year of our company in 2014. We set sail for 18th year as of 5th of June. We are happy to continue our cooperation, starting in Taksim, in our Etiler office today.

Your determination to present new technology, innovative products and creative solutions always made us understand righteousness of our security system selections while maintaining services in our main areas of operation.

We are happy to use the security systems, you have installed and improved by the power we have obtained via experience and international cooperation of the Senkron family, since our foundation. As we realize our targets, we wish you to be a creative leader in the electronic security technologies. Thanks to all members of the Senkron family for their support and cooperation.

We wish you success,

**Figen Söylemez**  
Coordinator of Garanti Portföy

**Evren Ertaş**  
Deputy General Manager of  
Garanti Portföy

#### REQUIREMENT & REQUEST:

Garanti Portföy Yönetimi A.Ş. requested design of an electronic security system in Le Meridien building in Levent, to which it has just moved, in line with the specifications prepared by the Security Management to take the security measures required by specialties its field of operation as well as laws and it also requested us to ensure remote access and integration with the Security Center of Garanti Bankası for the systems to be installed.

#### SYSTEM DESIGN & SOLUTION:

Theft-Burglary Warning System and Video Intercom System were installed at the entrance areas and on the reception desk (situated at the main entrance) of Garanti Portföy Yönetimi A.Ş., which are located on the second floor of business center area of the building, respectively. Moreover, Metal Door Detector and X-Ray Control Device were put into use for body search and baggage checking respectively.

Closed Circuit TV and Recording System, consisting of wideangle cameras, was installed at all working areas of Garanti Portföy, beginning from the entrance of the reception desk and archiving systems were formed by creating a recording period of 90 days and storage area in line with the requests of the security management.

Interactive Fire Detection System was installed inside the building and Fire Detection & FM200 Extinguishing System was installed in the special areas. Fire Detection System was designed so that all emergency announcements integrated into the Emergency Announcement and General Sound System would be made via this system. Emergency Exit and Fire Escape Direction System were installed for rapid eviction in case of emergencies such as fire, earthquake, flood and terrorist attacks.

In order to regulate entries of the employees and visitors from the reception desk and garage, Half & Full Size Turnstile, Swing Gate System was installed and Proximity Card Entry System was integrated into these systems.





## Bantaş

### Cash Safekeeping & CIT Companies



Since April 2009 when we opened our first branch, we have opened 44 branches in total, 43 in Turkey and 1 in TRNC. As per specialty of our work, we pulled through both our branch opening and moving/renovation processes faultlessly thanks to the support we received from Senkron Security. In our provider philosophy, the motto of “Our providers are our business partners” exists. As per this philosophy, we thank to Senkron Security which has never left us alone.

**Doğan Erel**  
Risk Avoidance & Security Supervisor

In its all locations across Turkey, Fire Detection, Burglary Warning, Closed Circuit TV and Card Entrance Systems were used for safety of employees and safekept assets.

Established with partnership of Denizbank A.Ş., Finansbank A.Ş. and Türk Ekonomi Bankası, Bantaş has maintained its operations since 8 January 2009. The main purpose the company is to provide professional solutions for Banking and Jewelry sectors in the areas of safely collecting, distributing and safekeeping all kind of cash, valuable papers, precious metals and similar assets as well as ATM loadings.

Founded to render service in the area of Valuable Cargo Logistics and Security Services, Bantaş started to provide the services of transporting, processing and safekeeping cash for the banks and companies as well as ATM cash support and primary maintenance for ATMs.

#### REQUIREMENT & REQUEST:

It was requested to design and install Electronic Safety Systems for Bantaş, active in cash transport sector, so that its all cash centers throughout Turkey would be conducted from a single point.

#### SYSTEM DESIGN & SOLUTION:

It was ensured that Fire Detection, Theft & Burglary Warning, Closed Circuit TV and Card Entry Systems of the company, operating in cash transport sector, were designed and installed so as to operate with integration; maintenance services would be provided for these systems and all cash centers throughout Turkey would be conducted from a single point in order to provide dynamic follow-up for 24/7 for security of life of employees at all locations in Turkey and safety of the safekept assets.

## Zeytinburnu Belediyesi

East and west of Zeytinburnu were administrated from Fatih and Bakırköy respectively till 1953 and it became 14th district of İstanbul in 1957.

The district of Zeytinburnu is surrounded with Marmara Sea in the south, historical İstanbul walls and district of Fatih in the east, districts of Bakırköy and Güngören in the west and districts of Bayrampaşa and Eyüp in the north. It has a surface area of 11.3km<sup>2</sup> by its rectangular-like shape. The length of territory of the district reaches to 5.5km and 2.5km from south to north and from east to west respectively.

With no village and sub-district, Zeytinburnu was only divided into neighborhoods administratively. The population of Zeytinburnu is 288.058 according to 2009 data of the Turkish Statistical Institute. Currently, there are 13 neighborhoods, 907 boulevards and streets in the district.



We thank to the Senkron family, which did not refrain to support us by its professional staff when security scenarios were determined for the Zeytinburnu Municipal Building Project initiated by us in 2010, as they upgraded the building security by professional support and devoted working they displayed in the implementation phase.

*Jülide Kazas*  
Asst. Prof. Dr. & Architect

### REQUIREMENT & REQUEST:

It was projected that all security systems would be monitored and conducted from a single center in the new Service Building of Zeytinburnu Municipality in order to create the environment from which the employees and public would benefit with comfort, technology, safety and tranquility in line with the green and smart building concept.

### SYSTEM DESIGN & SOLUTION:

In order for the employees and public to work/live safely and comfortably in the building; Intelligent Address Fire Warning, Card Entrance, Closed Circuit TV, Personnel Attendance Check and Turnstile systems were designed and installed.

The fire detection and warning system was designed to have microprocessor control and address system. Fire buttons and flashers were installed in all sections of the building by placing fume, fixed temperature or combined detectors appropriate for specialties of the sections and building material.

It was ensured for employees and visitors to have free movement right in the building in line with “their level of authorization” by free pass cards manufactured for the employees and visitors within the scope of the Card Entrance Systems.

It was ensured for employees and visitors to have free movement right in the building in line with their level of authorization by free pass cards manufactured for the employees and visitors within the scope of the Card Entrance Systems. Via the Personnel Attendance Check System, entry-exit times of the personnel are tracked by fingerprint or card and reported to the relevant department.

Monitoring and recording were ensured by external and mobile cameras around the building and fixed and dome cameras at general and significant areas inside the building within the scope of the Closed Circuit TV & Digital Recording System.

All systems are managed from a single center.



# T.C. Gençlik ve Spor Bakanlığı

The General Directorate of Sport functions under the Ministry of Youth and Sport. The foundation of this organization was laid by establishment of Turkish Alliance of Practice Associations (TAPA) by 16 sport clubs on 14 July 1922 in order to discipline sport activities. Firstly chaired by Ali Sami Yen and vice-chaired by Burhan Felek and Ali Seyfi, first multisport athletic association of Turkey, TAPA took significant steps in the path of democracy in sport. The state’s throwing his weight about sport administration began by foundation of Turkish Institution of Sport in 1936 upon recommendation of the sport council and it was followed by the establishment of today’s General Directorate of Sport by the Law dated 29 June 1938 and numbered 3530. A former military man, General Cemal Tahir Taner was assigned to chairmanship of the Directorate.

Henceforward, Turkish sport obtained the status of a “Governmental Organization” under the Prime Ministry in line with the powers granted by the law. In 1942, the statute no. 4235 was modified and the directorate was subordinated to the Ministry of National Education and it was subordinated to the Prime Ministry again in 1960. Dealing with sport affairs at the ministry level for the first time realized by establishment of the Ministry of Youth and Sport (3 November 1969) in the second Demirel Government formed in 1969.

By the presidential decree dated 6 February 1970 and numbered 3/707, the directorate was put under the authority of this ministry. Thus, a new page was opened for the Turkish sport and İsmet Sezgin became the first Minister of Youth and Sport of Turkey.



The project of installation of IP Camera and Network infrastructure for 19 Sports Halls conducted by the General Directorate of Sport of R.T. Ministry of Youth and Sport has become the largest governmental IP Camera project of the year and 1200 high definition cameras were used in the project in total.

IP Camera and network infrastructure of 19 sport halls in which volleyball, basketball and handball games of 1st and 2nd divisions are played were installed.

### REQUIREMENT & REQUEST:

It was aimed by the tender of “Installation of IP Camera and Network Infrastructure of 19 Sport Halls” organized by the Facilities Department of General Directorate of Sport to install the necessary systems in accordance with the following clauses and sub-clauses of the Law No. 6222:

Measures regarding security and order of sport areas:

ARTICLE 5 – (5) Required technical equipment shall be provided in the sport areas to ensure security and detect those violating this law. The locations where cameras and similar technical equipment will be located and their numbers shall be determined by the provincial or district sport security councils.

(7) It is compulsory that at least 2 waiting rooms of 20 persons, separate for the home and visiting teams, to be used when necessary as well as control rooms, in sufficient numbers, to be kept open for general police force and private security guards and from which security cameras and announcement systems will be conducted shall be formed at the sport areas where matches of the teams playing in the first and second division are played for football and at sport areas where international sport competitions are organized for other sports listed in this law. Representatives of the federation and sport clubs shall also be available in the control room.

A copy of recorded images and documents shall be given to the related sport security department, federation and representative of both clubs at the end of the competition.

### SYSTEM DESIGN & SOLUTION:

IP Camera and Network infrastructure was installed for 19 sport halls where first and second division competitions of Volleyball, Basketball and Handball are organized in the provinces of Mersin, Adana, Gaziantep, Konya, Hatay, İstanbul, Bursa, Uşak, Kastamonu, Trabzon, Gümüşhane, Ordu, Edirne, Tokat, Bursa and Çanakkale.

The Cameras were designed so as to view all supporter seats, corridors, supporter accumulation areas and vicinity of the sport hall. Camera locations were planned so that one camera would cover 130-200 seats and at least 23,000 pixels would be reserved for each seat and the cameras were selected with appropriate lens, resolution and type. For resolution values per seat, clearly viewing and identifying the relevant person was taken basis.

This project was signed as of the end of 2013 and became the largest governmental IP Camera System Project of that year. Around 1200 high definition cameras were used in the project.



## Shaya Kahvecilik Starbucks



Burglary Warning System, Fire Warning System and Closed Circuit TV Systems were installed in all Starbucks shops throughout Turkey and POS terminals were integrated with the Closed Circuit TV System to control sales and cash transactions.

Shaya Kahvecilik/Starbucks (NASDAQ: SBUX) is an the USA chain of coffee shops. Its headquarters are located in Seattle, Washington. Starbucks receives its name from the character called Starbuck in Moby Dick and thus its symbol is a siren.

First Starbucks shop was opened in 1971 by teacher Jerry Baldwin, Zev Siegel and author Gordon Bowker. Investor Howard Schultz participated in this partnership in 1982 and opened the coffee shops chain of Il Giornale in 1985 by being influenced by the Italian espresso bars. A few years later, the original owners transferred Starbucks to Schultz when they purchased Peet's Coffee and Tea shop.

Thus, coffee shops of Shultz called Il Giornale continued to render service under the title of Starbucks. Starbucks opened its initial shops in Vancouver, British Columbia and Chicago, Illinois. First shop of Starbucks out of Northern America was opened in Tokyo, Japan in 1996. Starbucks has coffee shops at 10,595 spots and in 30 countries. As of August 2005, Starbucks has 5,712 coffee shops throughout the globe. 4,666 of them are located in USA and remaining 1,049 in other countries. Shaya now has 305 shops, 94 owned by Shaya Mağazacılık and 211 owned by Starbucks, in 17 provinces of Turkey.

### REQUIREMENT & REQUEST:

Authorities of Shaya requested design and implementation of Burglary Warning and Closed Circuit TV Systems to detect possible burglary incidents in the coffee shops in time and Fire Warning System to detect the possible fires in time.

### SYSTEM DESIGN & SOLUTION:

We design, install and commission Electronic Security Systems of all shops of Shaya group, which has a leading global position and vast network, through Turkey and provide maintenance services for these systems. Shops of Shaya Kahvecilik have a recording capacity of 30 days and remote access from the center is possible. POS terminals were integrated with the Closed Circuit TV System in Starbucks shops in order to control sales and cash movements.

Electronic Safety Systems were designed in all stores of Shaya Kahvecilik in Turkey.



We thank for quality of the Senkron Security products we have used in all of our shops opened since 2003 and wish continuation of our cooperation.

**Atıl Köse**  
Senior Project Manager of Shaya





## Shaya Mağazacılık

Victoria's Secret, Topshop, Debenhams

Shaya Mağazacılık was founded in 2002 as investment of Alshaya Group, based in Kuwait, in Turkey. As of today, it conducts merchandising operations of international brands it represents in Turkey in the areas of Fashion-Ready-to-Wear, Beauty-Care and Food retailing. Those following are the brands represented by Shaya in Turkey: Bath and Body Works, Claire's, Coast, Debenhams, Dorothy Perkins, Evans, Miss Selfridge, Topshop, Topman, The Body Shop, Victoria's Secret, Victoria's Secret Beauty and Accessories and Warehouse.

### REQUIREMENT & REQUEST:

Authorities of Shaya requested design and implementation of Burglary Warning and Closed Circuit TV Systems to detect possible burglary incidents in their stores in time and Fire Warning System to detect the possible fires in time.

### SYSTEM DESIGN & SOLUTION:

We design, install and commission Electronic Security Systems of all stores of Shaya group, which has a leading global position and vast network, through Turkey and provide maintenance services for these systems. Stores of Shaya Mağazacılık have a recording capacity of 30 days and remote access from the center is possible.



We thank for quality of the Senkron Security products we have used in all of our stores opened since 2003 and wish continuation of our cooperation.

**Atıl Köse**  
Senior Project Manager of  
Shaya



Senkron installs and maintains Electronic Safety Systems of all stores in Turkey and function of remote access from the center is featured.





## Shaya Mağazacılık

Shake Shack, P. F. Chang's, Le Pain Quotidien

Shaya was founded in 2002 as investment of Alshaya Group, based in Kuwait, in Turkey. Shaya on the hand continues to bring its current brand portfolio to the customers by its expanding merchandising operations and on the other hand targets launching new brands by its expanding brand portfolio.

It supports growth of its brands by its emphasis on localization and customer relation and continuous investment in infrastructure and human resources.

Le Pain Quotidien, Pinkberry, P. F. Chang's and Shake Shack are the brands represented by Shaya in Turkey.

### REQUIREMENT & REQUEST:

Installation of Electronic Safety Systems allowing tracking of all restaurants throughout Turkey from a single center was requested.

### SYSTEM DESIGN & SOLUTION:

It was ensured that camera images of all restaurants would be viewed from a single center by the Closed Circuit TV System installed in line with the security scenarios and concept formed in restaurants.

Burglary Warning System, Fire Warning System and Code-Card Entry Systems were used in order to detect exterior threats and warn relevant departments; give early warning for possible fires and keep entrances under control respectively. Post-installation maintenance services for these systems are still provided by our company.



We thank for quality of the Senkron Security products we have used in all of our stores opened since 2003 and wish continuation of our cooperation.

**Atıl Köse**  
Senior Project Manager of  
Shaya



Closed Circuit TV Systems allowing tracking of all restaurants throughout Turkey from a single center were installed.



## Caffè Nero



We started to work with Senkron Security in 2008. As Caffè Nero, we had the chance to assess its approach to business and time management.

Due to its tendency to team work and significance attached by it to the business, Senkron Security has been one of the most significant enterprises from which Caffè Nero buy service. With Senkron Security, our stores are much safer...

**Sakine Doğan**  
Project Manager of Caffè Nero



Caffè Nero was founded in 1997 to bring a quality café understanding, similar to those in continental Europe, to England. Among its targets are being a real Italian coffee brand and presenting espresso based first class beverage and fresh, quality food.

Administration change in Caffè Nero was completed in the first months of 2007 and the company became the largest private and independent coffee company of England by its market value of nearly 500 million USD.

The first foreign shop of the company was also opened in 2007 in Turkey and the foundation of the shop concept titled "Nero Express " was laid in the train stations of England.

Starting to render service in its İstinye Park Branch for the first time in Turkey, Caffè Nero is also the first partnership realized in Turkish coffee sector thanks to the joint venture it realized with its partner in Turkey, Işık Keçeci Aşur.

Today, Caffè Nero renders service by 35 shops in total (6 of them Nero Express) in İzmir, Ankara and İstanbul in Turkey. Its total number of employees is higher than 4000 by its more than 500 shops in international arena. Being a part of the coffee culture, Caffè Nero has become one of the most known and preferred coffee brands.

Solutions of Burglary Warning, Closed Circuit TV, Code Entry and Fire Warning Systems were projected for all stores in Turkey and it was enabled that all stores could be monitored from the center and images could be copied.

### REQUIREMENT & REQUEST:

Caffè Nero requested security systems to ensure security of all of its shops throughout Turkey and it was determined at the end of the survey that the branches needed Burglary Warning System, Closed Circuit TV Systems, Code Entry System and Fire Warning Systems.

### SYSTEM DESIGN & SOLUTION:

As a solution to all needs of Caffè Nero, solutions of Burglary Warning System, Closed Circuit TV Systems, Code Entry System and Fire Warning Systems were designed for all of its shops throughout Turkey.

Senkron provides device positioning projects, assembles devices, commissions the systems and provides maintenance services. It was ensured by the installed systems that all shops could be monitored from the center and images could be copied.



## Tesco Kipa Mağazaları

Kipa (Kitle Pazarlama Ticaret ve Gıda Sanayi A.Ş.) started its commercial life as a 100-partner enterprise in İzmir on 17 August 1992. Successfully maintaining its operations as a local brand, Kipa took the name of “Tesco Kipa” on 11 November 2003 by cooperating with Tesco, one of the leading global retail giants.

Tesco Kipa was established on the basis of the “being customer oriented” principle shared by both parties. Kipa gained significant local experiences especially in İzmir and its vicinity where it was originally founded and increased its knowledge and experience by its cooperation with Tesco. Tesco’s experiences and successes in forming and successfully maintaining partnerships in other countries strengthened the partnership.

By acting with the understanding of customer oriented service, Tesco Kipa does its best to improve and ease lives of its customers.



Closed Circuit TV System, available in all Tesco Kipa 2K and larger stores, was turned from Analogue System to IP System and thus person counting and frequency analyses, to be used by the Marketing and Sale departments as well as reports prepared via the IP Camera System and solutions targeting to improve sale performance were developed.



Closed Circuit TV System, available in all Tesco Kipa 2K and larger stores, was turned from Analogue System to IP System and thus carbon emission was reduced by 80% for a period of 10 years.

### REQUIREMENT & REQUEST:

Tesco Kipa requested planning and implementation of Electronic Security solutions in its all stores throughout Turkey.

### SYSTEM DESIGN & SOLUTION:

Tesco Kipa solved the project of transformation from Analogue Systems to IP Systems in Closed Circuit TV Systems of 2K and larger stores and preferred Senkron Security for the solution process.

At least 85% and at most 90% of the stores were recorded by 15% reduction in number of cameras compared to current Analogue Signal so as to reduce the loss, caused by outside factors and inner customers, and energy consumption.

Thanks to this system, carbon emission for 10 years was reduced by 80%; store control was facilitated and person counting and frequency analyses, to be used by the Marketing and Sale departments as well as reports prepared via the IP Camera System and solutions targeting to improve sale performance were developed.



As Security and Loss Prevention Department of Tesco Kipa A.Ş., we managed to transformation from Analogue Systems to digital systems in CCTV equipment thanks to Senkron Security and Communication Systems Co.

Our gain from this project was not only to have a high quality CCTV concept but also to meet a competent solution partner with a broad vision.

Thanks, Senkron.

**Hakan Özalp, CPP**  
National Loss Prevention and  
Security Manager of  
Tesco Kipa A.Ş.



# Migros

The company opened its first store in İstanbul in 1975 by purchasing majority stake of Migros, known as “King of Cheapness” in Switzerland upon request of Vehbi Koç. It became a gone public limited company in 1991. It purchased Tanşas, a company based in İzmir, in 2005. In 2008, shares of Migros were purchased by BC Partners, an English fund.

Migros is one of the pioneers of retail sector in Turkey and among the largest supermarket chains. Nowadays, Migros, in its stores with large areas of use, satisfies nearly all customer needs by its sections of stationery, glassware, white appliances, books, cassettes and ready-to-wear in addition to food and necessities.

It increases the number of provinces it renders service by its new stores day by day.

As of 09.05.2014, Migros Ticaret A.Ş. renders service by its 1038 stores in total, consisting of 998 stores (751 Migros, 200 Tansas, 206 Macro Center and 21 5M Migros) in Turkey and 40 stores (Ramstore) abroad with a total indoor area of 1.525.421 m².

In addition to implementation of Electronic Safety Systems, it was ensured by night shipping project, which will minimize the costs caused by traffic jam in larger cities and increase in gasoline prices, that an authorized person would enter the store and camera images would also be available in the Monitoring Station.

## REQUIREMENT & REQUEST:

Technical Service Department of Migros requested, in addition to design and implementation of Electronic Security Systems of the stores, development of a project to minimize the costs especially caused by traffic jam seen in larger cities and increases in gasoline prices.

## SYSTEM DESIGN & SOLUTION:

For the stores within the body of the Technical Service Department, Closed Circuit TV System, Burglary Warning System and Fire Warning System are projected, assembled and commissioned and aftersales services are also provided for these systems.

“Night Shipping Project” was realized to minimize the costs caused by traffic jam, increases in gasoline prices and fast product delivery to stores. Employees are tracked by ensuring that an authorized person enters the store within defined routes and times and camera images are received by the Monitoring Station.



In order to minimize all kind of risks caused by outside and inner customers; Theft and Burglary Warning, Fire Warning and CCTV Systems are installed in all stores of Migros Ticaret A.Ş. Thanks to these systems, performance of employees was improved. As of the end of 2012, good delivery to required stores at night was ensured by additions to the Theft & Burglary Warning and Closed Circuit TV Systems to save in terms of time and money.

**Cevat Kırat**  
Technical Service Manager





# Doğa Koleji

When Fethi Şimşek, who left a trace in Turkish education sector, founded Doğa Koleji in 2002, he ensured a healthy and self-confident growth by his belief in democracy culture and freedom. He opened campuses in various provinces of Turkey in 2008 and by 13 new campuses only in İstanbul, he created 85 education spots throughout Turkey. Doğa Koleji targets to reach its privileged education to every region of Turkey by more than 1000 campuses.

**REQUIREMENT & REQUEST:**  
Rendering service in private education sector, Doğa Koleji needed an IP Camera System to track the schools and requested this system to follow-up construction sites of the schools to be opened in addition to the first aim.

**SYSTEM DESIGN & SOLUTION:**  
Having a corporate structure in Turkish private education sector, Doğa Koleji determined a solution project consisting of IP cameras for follow-up of outdoor areas of its schools. By this project, security of students and buildings are ensured at the highest level in all schools in Turkey thanks to the IP Camera System provided by Senkron Security.

Senkron provides professional maintenance services for security systems of Doğa Koleji. It became possible to healthily watch instant images of the constructions by installing IP Camera System in the construction sites of the schools to be opened. Therefore, security of students and buildings are ensured at the highest level via the IP Camera System.

Security of students and schools are ensured at the highest level by the IP Camera System we installed and provided professional maintenance at all schools of Doğa Koleji in Turkey.





## Sağlık Kuruluşları

The project covered assembly of 155 interior and 30 exterior cameras for Analogue Closed Circuit TV System of main buildings and 2 outbuildings of Beykoz State Hospital and it was completed in a short period of time as 90 days.



R.T. Ministry of Health Beykoz State Hospital

### REQUIREMENT & REQUEST:

R.T. Ministry of Health Beykoz State Hospital requested installation of Analogue Closed Circuit TV Systems for 4 main buildings and 2 different outbuildings.

### SYSTEM DESIGN & SOLUTION:

The Project of Analogue Closed Circuit TV Systems for 4 main buildings and 2 different outbuildings were completed in a short period of time as 90 days by 155 interior, 30 exterior and 8 Speed Dome cameras. A special monitoring room was built for the cameras put into use and the relevant security staff can monitor for 24 hours in this security room. The camera safety system installed in the hospital was designed so as to have a back-up capacity of storing camera images in its memory for 90 days.

By recording images of the hospital and relevant personnel and patient/ patient relatives in the vicinity within the scope of the Closed Circuit TV Systems Project, we help to prove victimization of victims in legal proceedings in case of criminal incidents such as theft, seizure and bodily harm.

The project of installation of Burglary Warning Systems and Alarm Monitoring Center was realized in a short period of time as 2 months and burglary incidents have been prevented with 100% success since completion of the project.



Kocaeli Provincial Directorate of Health / Health Centers

### REQUIREMENT & REQUEST:

Kocaeli Provincial Directorate of Health requested installation of Burglary Alarm Systems in the central building and 128 health centers in the districts as well as monitoring and control of these systems from the building of Provincial Directorate of Health.

### SYSTEM DESIGN & SOLUTION:

In order to prevent burglary attempts occurring in computer-equipped health centers, Burglary Warning Systems and Alarm Monitoring Center were installed.

Alarm Monitoring System functions for 24/7 in shift and is controlled by the Security Department of the Provincial Directorate of Health. The authorized persons track alarms and failures from this department and enables delivery of security forces to the crime scene.

Conduct of systems from the security room in the Provincial Directorate of Health was ensured in a short period of time as 2 months after assembly, installation and commissioning of the systems and maintenance services are provided by Senkron.

Storage was provided by the hospital to store records for 3 months and security of crowded human pass and waiting areas of the hospital was ensured by establishing a controllable and flexible structure.



Selçuk University Medical Faculty Hospital

### REQUIREMENT & REQUEST:

Installation of camera surveillance and recording systems compatible with developing technology inside and outside of the hospital was requested for the Selçuk University Medical Faculty Hospital.

### SYSTEM DESIGN & SOLUTION:

By the project implemented by using 85 fixed cameras of 3 megapixel and 3 mobile dome cameras, primary security of the crowded human pass and waiting areas of the project was ensured.

Storage was provided by the hospital to store records for 3 months and a flexible structure fully controllable via software was established.



## Tüvtürk Araç Muayene İstasyonları

Tüvtürk Vehicle Inspection Stations is a three-partner enterprise and was initiated by Doğuş Automotive, TÜV SÜD and Bridgepoint in 2008.

Tüvtürk, targeting to contribute in traffic and vehicle safety by its periodical vehicle inspection service provided at international standards as the only authorized enterprise and consisting of expert 196 vehicle inspection stations, 3 motorcycle inspection stations and 73 mobile stations, render service in Turkey by its 3,500 employees and performs periodical and road conformity inspections of nearly 6 million vehicles and exhaust gas emission measurements of nearly 1 million vehicles annually.

### REQUIREMENT & REQUEST:

Security and quality management departments of Tüvtürk requested tracking vehicles and their drivers for firstly safety and then quality management, ensuring recording for 180 days and protection at stations against attempts of theft and burglary. Our company responded these requests by designing and implementing Electronic Security Systems.

### SYSTEM DESIGN & SOLUTION:

Depending on capacity of vehicle inspection stations throughout Turkey, they were equipped with the Closed Circuit TV System containing cameras located so as to cover detailed routes of vehicle channels, vehicle entry-exit doors, all other fields, areas, rooms and pay desks as well as a digital recorder to provide a recording capacity of at least 180 days. The system can also establish remote connection with the security center in Headquarters in İstanbul and rapidly access to records of all stations from this center.

Remotely accessible security panels were also equipped in the vehicle inspection stations against theft and burglary. The panels can be monitored from the alarm center to which they are connected for 24/7.



As our solution partner, we wish continuation of your devoted and successful efforts and thank for your support in this race against time.

We will be glad to maintain our efforts with you till the end of our project by your same service policy and quality understanding.

**Cemalettin Osmanoğlu**  
Facility Management & Logistics Manager



The Closed Circuit TV System” containing cameras located in all vehicle inspection stations and a digital recorder to provide a minimum recording period of 180 days was installed.



## Doğuş Otomotiv



The systems, which ensure protecting the vehicles and recording possible disputes, in addition to providing security for employees and customers have been used for 10 years.

Celebrating its 20th year of founding, Doğuş Otomotiv is the leading automotive importer and one of the largest automotive distributors of Turkey.

Agent of 14 international brand leading their respective sectors in the areas of passenger car, light commercial vehicle, heavy vehicle, industrial and marine engines and cooling systems, Doğuş Otomotiv offers a wide product range consisting of the brands of Volkswagen Passenger Cars, Audi, SEAT, Škoda, Bentley, Lamborghini, Bugatti, Porsche, Volkswagen Commercial Cars, Scania, Krone and Meiller and more than 80 models of these brands for its personal and corporate customers.

Doğuş Otomotiv is a member of Doğuş Group operating in the fields of financial services, automotive, construction, media, tourism & service, real estate and energy.

### REQUIREMENT & REQUEST:

The electronic security solutions, which will ensure protecting the vehicles and recording possible disputes, in addition to providing security for employees and customers of Doğuş Otomotiv were requested.

### SYSTEM DESIGN & SOLUTION:

By providing periodical maintenances for our systems used for more than 10 years, security requirements and requests of our customers are satisfied at the highest level. Thanks to added value creating security systems, investment costs have been minimized and saves are realized by the advantages offered by the system.

Regarding customer satisfaction, tracking all security related data is facilitated by the Closed Circuit TV Systems and services contributing to responsibilities of our customer against their own customers are offered.



## Turkcell Global Bilgi

A Turkcell Group company, Turkcell Global Bilgi was founded in 1999. Leading customer relations management center of Turkey, Turkcell Global Bilgi renders service by its more than 10,000 employees at 20 locations (15 in Turkey, 4 in Ukraine and 1 in Belarus) in total.

It draws attention as the company with the most developed technological system of Turkey and Europe regarding its sector. Leader of Turkish call center sector by its market share of 45%, Turkcell Global Bilgi is one of the top 500 companies in Turkey.



The Closed Circuit TV, Fire Detection and Card Entrance Systems which can keep records for the headquarters and call center buildings having more than 10,000 employees for more than 60 days were implemented and periodical maintenance is provided for these systems.



As Global Bilgi Pazarlama Danışma ve Çağrı Hizmetleri A.Ş., security system requirements of our total 11 locations at which 100 to 200 employees work are satisfied by Senkron Security and Communication Systems Co. Serious and professional approach adopted in installation and maintenance of these systems significant to ensure security of life and property as well as excellent service understanding conducted in parallel with the laws, regulations and codes of our company are the most powerful aspect of Senkron Security. They provide applied trainings for training of their staff to be up-to-date and high quality.

Care shown by Senkron Security in selecting its personnel persists in case of any need of change or increase arising from any reason by maintaining the same quality. Regarding intervention speed and type of all employees of Senkron Security adopting principles and approach of the company has not allowed rise of any problem up to now.

I sincerely believe that Senkron Security is a company which conducts the processes excellently to minimize concerns of the investor and manager in terms of service quality in security systems; fulfills fundamentals of contract 100%; is honest, sincere and well meant; does not promise what cannot be done; definitely performs what is promised and excellently manages 3 main processes of security systems sector (recruitment, training and timely response) will maintain the same successful line in any project.

**Aytekin Gürşimşir**  
Security Department Supervisor of  
Turkcell Global Bilgi Güvenlik

### REQUIREMENT & REQUEST:

Turkcell Global Bilgi needs security systems for its headquarters and call center buildings occupied by its more than 10,000 employees by its investments in our country.

Design, implementation and periodical maintenance of Closed Circuit TV Systems, Fire Detection and Card Entry Systems which can keep records up to 60 days for performance measurement and evaluation to both protect security of life and property of its employees and improve its service quality were requested.

### SYSTEM DESIGN & SOLUTION:

In accordance with the requests of our customer and recommendations of our company, Closed Circuit TV Systems and Internal Closed Circuit TV Systems were installed for possible external threats and security of personnel and performance assessment respectively and necessary structure was formed for these systems to be controlled and conducted from a single center.

Fire Detection and Warning Systems required to be installed as per the regulations were also designed and implemented so as to be consistent with international standards and they were ensured to operate faultlessly by post-implementation periodical maintenances.

As is in Turkcell Global Bilgi, many added values such as performance assessment and reporting as well as ensuring entry of employees to the locations for which they are authorized were provided by the Entry Control and Turnstile Systems which has become nearly compulsory to be used.





In order to integrate alarm signals coming from rooms, where highly confidential information of the building within the body of Vodafone Turkey is kept, with the extinguishing system, detectors were placed on the basis of cross zone principle.

As the first GSM operator of England, Vodafone ensured first mobile call of England on 1st of October, 1985. The name of the network was selected to be Vodafone to represent delivery of voice and data services via mobile phones.

Occupying a significant position in Europe, USA and Far East by its subsidiaries, partners and investments, Vodafone Group is the world's largest mobile telecommunication company. Vodafone Group renders mobile telecommunication services with a wide range including voice and data transmission in 5 continents.

Vodafone Turkey which is within the body of Vodafone Group, operating in 30 countries from 5 continents and one of the largest mobile telecommunication companies in terms of incomes, is the second largest mobile telecommunication company of Turkey by its 18.4 million subscribers as of 2012.

#### REQUIREMENT & REQUEST:

Vodafone Turkey requested designs and implementations for protection against possible situations such as fires and burglary attempts by Burglary, Fire Detection and Gas Extinguishing Systems which it needed in its Telephone Exchange, Archive and Regional buildings which it added to its body by its investments in Turkey.

#### SYSTEM DESIGN & SOLUTION:

Gas Extinguishing Systems which were located on the basis of cross zone principle so as to be used in special rooms where valuable and highly significant information were kept such as telephone exchange, system and archive buildings were installed to prevent damages and information losses in case of any fire on the basis of alarm signals', coming from detectors having different functioning principles, activating the extinguishing system.



Thanks for efficient solution partnership you have displayed for installation of FM200 Gas Extinguishing Systems as well as installation and operation of 24/7 Fire-Leakage Detection Alarm Monitoring System.

**Nejat Özoğ**  
Senior Technical Building  
Maintenance Specialist

**Sertaç Güven**  
Senior Real Estate &  
Occupational Health and  
Safety Manager



## Doğuş Yayın Grubu



A smart building concept was formed and integration between all systems was ensured to enable healthy eviction in case of a possible emergency scenario. All turnstiles are brought to "on" position by activation of Card Entrance Systems and Emergency Announcement Systems in case of an emergency.

Doğuş Media Group is the Doğuş Group company giving direction to the media sector by its pioneering, innovative and consistent identity.

Starting its operations in 1999 by incorporation of NTV, the Group has been working with many global brands and organizations such as MSNBC, CNBC, National Geographic and Condé Nast.

The Group took its place in major broadcasters by expanding its viewers via incorporation of STAR TV, first private TV channel of Turkey, in 2011.

In addition to these, it meets with domestic and international viewers by its thematic channels (music, sport, entertainment) of Kral TV, NTV Spor, NTV Spor Smart HD and E2 broadcasting under the scope of the group.



As Doğuş Media Group, security systems of our building at Doğuş Maslak Center, in which nearly 1,500 employees work, were installed by Senkron Security and Communication Systems Co.

We have obtained service from Senkron Security and Communication Systems Co. without problem for installation and maintenance of these systems very significant to our company for nearly 15 years.

Senkron Security and Communication Systems Co. successfully fulfilled its services in terms of both recruitment and training of staff and product quality and timely response.

**Orhan Keskin**  
Security Manager of  
Media Group

### REQUIREMENT & REQUEST:

Planning, system design and implementation to ensure security of life and property for the service buildings (administrative building, studios etc.) of Doğuş Media Group were requested.

### SYSTEM DESIGN & SOLUTION:

As per needs of our customers and the Regulation on Protection of Buildings from Fire, the Fire Warning System and Emergency Announcement & Vocalization System were designed and implemented.

It was ensured via implementation of the Turnstile System for building entrance and Card Entry System for live broadcast room that unauthorized entries would be prevented and authorized passed were recorded and reported. By the Closed Circuit TV System, internal and

external security of the buildings as well as entries and exits are recorded by the video recording system. A smart building concept was formed and integration between all systems was ensured to enable healthy eviction in case of a possible emergency scenario.

By this integration, all gates will be brought to open position by intervention of Card Entry Systems and Emergency Announcement Systems and the buildings shall be safely evicted by the emergency announcement.

Turnstiles at the entries were installed for security but they also gained a very stylish look visually. At the same time, all systems installed in the same period are easily and clearly managed from a single control center.



The Card Entrance System was integrated with the Closed Circuit TV System to visually record entries & exits and report unauthorized entries as an alarm.



Thanks for minimum failure level and fast and efficient solutions to failures during both implementation and aftersales period (10 years) of our headquarters designed (in 2003) and also implemented by you.

**Egemen Murat Alışır**  
Administrative Affairs Manager of  
Krea İçerik Hizmetleri ve  
Prodüksiyon A.Ş.

## Digiturk

Founded as first digital television broadcasting platform of Turkey in 1999, Digiturk transmits its television, radio, music and interactive channels owned by it since 2000 with the state-of-the-art digital image and voice quality. Being one of the most significant technology investments of Turkey in passing nearly 14 years, broadcasts of Digiturk ensured by prominent technological infrastructure of the company reach to various countries in the world in addition to Turkey.

### REQUIREMENT & REQUEST:

In addition to Digiturk headquarters, many locations as Ayazağa Studios and Call Center buildings have requested the Card Entry System from which authorization, reporting and similar functions can be managed. In addition their Card Entry requests, they also needed a Closed Circuit TV System to ensure and monitor general security.

### SYSTEM DESIGN & SOLUTION:

Reporting main entries and exits by keeping them under control limited entrance of unauthorized personnel to highly significant locations such as live broadcast room and system rooms. Authorization and reporting for all locations are possible by ensuring administration from a single point.

Closed Circuit TV System was installed for visual watching and recording in line with risk analyses conducted for safety of buildings. Recording entries-exits also by the Closed Circuit TV System connected to the Card Entrance System ensured that unauthorized entries would also be reported.





## Kuehne Nagel

Founded in Germany in 1890, Kuehne + Nagel is one the leading logistics providers of the world. Kuehne + Nagel Group maintains its operations in more than 1000 offices in more than 100 countries by their 63,000 employees.

As Turkey is a bridge among Europe, Middle East and Central Asia in terms of geography, Kuehne + Nagel opened its first office in our country in 1986. The company operating in the areas of sea and air cargo solutions and land transportation has offices in İstanbul, Ankara, İzmir, Mersin and Bursa as of now.

### REQUIREMENT & REQUEST:

As per requirements of the sector and laws, our customer declared a request including tracking and recording the products from their storage to their shipping in order to ensure control at duty paid areas.

Our customer requested design and implementation of the Closed Circuit TV System and Card-Code Entry Systems as wells as identification of the vehicles approaching to loading points as it needs to keep these areas under control as per customs legislations.

### SYSTEM DESIGN & SOLUTION:

In line with the requirements and requests of the customer, the Closed Circuit TV System to keep records for at least 90 days were installed around the entire facility and duty paid areas and entriesexits were authorized via the Card-Code Entry System.

High-tech cameras were included in the solution to ensure identification of license plates of the vehicles approaching to the loading spot. General security cameras and images from the duty paid area were divided from each other by authorizations and customhouse guards were authorized only to watch the cameras at the relevant area.

The Closed Circuit TV System to keep records for at least 90 days were installed at the duty paid areas and around the entire facility and images from the customs area were divided by different authorizations and relevant persons were authorized only to watch the cameras at their area of responsibility in order to maximize security of the facility.







One of the leading firms in the entertainment and food & beverage sectors, D-ream was founded in March 2012 by participation of Doğuş Group. D-ream addresses to different pleasures and tastes and brings carefully selected menus from Turkish and foreign cuisines at venues located in the center of social life. It has incorporated leading brands of the sector by power of Doğuş Group. It has 32 brands within this body.

Some of these brands are as following: Fenix, Kitchenette, Nusr-Et, Anjelique, Zuma, Lacivert, Mezzaluna, Go Mongo, Go Meso, La Pain Maison, Borsa Restaurant, Kiva, Galata Port Caffé, Galata Port Büfe, Cadoro, Vogue, Rüya Kebap, Günaydın, Darphane Lokantaları, Da Mario, Çubuklu 29, Ulus 29, Tom's Kitchen, Laika, Gina, Mama, Carlotta, Wanna Pop, Gigi, Hori Japanese, Masa Restaurant, Sait Balık, Ryo- Tei Itsmen, Aija Hotel, İstanbul Doors Academy, Beluga, Shelly, Loft, Tramola, Floripa, Parle etc.



SENKRON, serving as a model for its rivals by its corporate structure, experienced staff, professional and uninterrupted service understanding and solution oriented approach will direct future of the sector.

D-ream

Fire Warning, FM200 Extinguishing, Theft & Burglary Warning, IP Camera and Card Entry Systems were designed and installed for all enterprises within the body of D-ream.

#### REQUIREMENT & REQUEST:

Security department of D-ream requested high resolution cameras for its enterprises and remote access to these cameras from the headquarters when necessary. Moreover, an appropriate design to allow early detection of and timely response to fires possible to arise in the enterprise and extinguishing significant venues was requested.

In addition to these, design and implementation of the Card Entry System for timely notification of the headquarters and rooms with controlled entries-exits as well as adoption of the Electronic Security Systems of the recently incorporated enterprises to the D-ream concept was requested.

#### SYSTEM DESIGN & SOLUTION:

For security of life of employees and customers at the venues of the company active in entertainment sector as well safety of the investment, solutions and services ensuring security of life and property were provided by design, installation and maintenance of the Fire Detection, Theft & Burglary Warning, IP Camera, Card Entry and FM200 Extinguishing Systems with the uninterrupted service understanding.



## Salt Beyoğlu

6-floor Salt Beyoğlu, located on İstiklal Street was built between the years of 1850 and 1860.

The building opened for commercial and residential purposed at street level and higher levels respectively under the name of Siniossoglou Apartment Building totally lost its residential function by thinning of settled population around Beyoğlu as of 1950's and started to render service for activities related to trade, politics, art etc.

Siniossoglou Apartment Building is a fully masonry building of which carrier system is formed of steel beam and arch floor. Refunctioning efforts for today's use were conducted by Mimarlar Tasarım under supervision of Han Tümertekin who is an architect with Aga Khan award.

The essence of these efforts was based on protecting original building components, strengthening the building and organizing the venue by an assembly conforming to its new function.

Salt Beyoğlu is primarily an exhibit venue by its scheduling area of 1,130 m<sup>2</sup>. The ante venue, Forum where daily schedule details are shared is located on the İstiklal Street and interface of the enterprise. Açık Sinema attached to extension of ante creates a warm platform for instant activities, performances and speeches in addition to scheduled projections. Gastronomika operating at Salt Mutfak, Aciliyet Mektebi conducted by Ahmet Ögüt, Robinson Crusoe 389 and Bahçe scheduled by İstanbul Team of Slow Food Youth Network are also within the scope of Salt Beyoğlu.

Cutting edge technology systems containing high security were designed and installed to ensure security of employees and visitor of Salt Beyoğlu Building and also protect structure of the building.



Senkron's careful approach for the process of transformation a typical 19th century Beyoğlu apartment building to exhibition halls and an event center including cinema helped both designers and implementers.

*Han Tümertekin*  
Architect

### REQUIREMENT & REQUEST:

In addition to ensuring security of their employees and visitors by our electronic security solutions, installation of systems ensuring protection of building as well as prevention and recording of undesired entrances was also requested.

### SYSTEM DESIGN & SOLUTION:

Sensors consisting of Active Infrared Barriers were installed on the roof of Salt Beyoğlu Museum Building for perimeter security; night vision Analogue Closed Circuit TV and Recording System, monitoring outer perimeter and building entrances, was integrated with alarm activation and recording for 24 hours was ensured via the video analysis software.

Out of the building perimeter, Theft & Burglary Warning System was installed at entrance areas of the building; Video Intercom System was installed on reception and security desks

located at the main entrance on İstiklal Street and service entrance on bystreet and infrastructure of Metal Door Detector (for body search) and XRay Control Device (for baggage control) systems to be used at entrance areas in case of a necessity was prepared.

Interactive Fire Detection System and Fire Detection & FM200 Extinguishing Systems were installed inside the building and at special areas respectively. The Fire Detection System was integrated with the Emergency Announcement & General Sound System and all emergency announcements were designed to be made via this system. Emergency Exit and Fire Escape Direction System were installed for rapid eviction in case of emergencies such as fire, earthquake, flood and terrorist attacks.

In order to follow-up entries and exits of employees and visitors from main and service entrance doors and as well as limit and

authorize circulations of special areas in the building, Proximity Card Entry System was installed and integrated into the Closed Circuit TV System.

In order to detect attempts from the window against inner perimeter of the building, wireless magnetic contact and motion detectors were used. All wet volumes are tracked by sensors against possible floods and leakages. Objects and paintings exhibited in the museum are tracked by RFID detectors and wireless receivers (connected to these detectors) and burglary attempts can immediately be detected by the security center.

All central devices were gathered in the security room so that high security and cutting-edge technology systems installed in Salt Beyoğlu building could be conducted by the security management.



Cutting edge technology systems containing high security were designed and installed to ensure security of employees and visitor of Salt Galata Museum Building and also protect structure of the building.

## Salt Galata

Salt Galata was designed by Levantine architect of French origin, Alexandre Vallauray for Bank-ı Osmanî-i Şahane and put into service in 1892. The building, in addition to its monumental size, occupies a significant role regarding architecture in İstanbul due to surprising difference in neoclassic and orientalist architectural styles used on front and rear facades.

Re-functioning efforts of the building, exposing to structural interventions due to various reasons since the day of completion, were conducted by Mimarlar Tasarım under supervision of Han Tümertekin who is an architect with Aga Khan award.

Within the scope of architectural studies, attachments of Salt Galata were removed so as to reveal authentic character of the building and its spatial structure was arranged in line with the requirements of multilayer schedule.

Salt Galata includes the following venues: Salt Araştırma authorizing access to printed and digital sources, Auditorium with 219 spectators capacity, re-designed Ottoman Bank Museum, workshops suitable for experiencing with many participants, Açık Arşiv bringing archive materials to light, Cafés, Restaurants, Shops and exhibition halls.



### REQUIREMENT & REQUEST:

In addition to ensuring security of their employees and visitors by our electronic security solutions, installation of systems ensuring protection of building as well as prevention and recording of undesired entrances was also requested.

### SYSTEM DESIGN & SOLUTION:

Sensors consisting of Active Infrared Barriers were installed on the roof of Salt Beyoğlu Museum Building for perimeter security; night vision Analogue Closed Circuit TV and Recording System, monitoring outer perimeter and building entrances, was integrated with video analysis software and recording for 24 hours was ensured accordingly.

Out of the building perimeter, Theft & Burglary Warning System was installed at entrance areas of the building; Video Intercom System was installed on reception and security desks located at the main entrance on İstiklal Street and service entrance on bystreet and infrastructure of Metal Door Detector (for body search) and X-Ray Control Device (for baggage control) systems to be used at entrance areas in case of a necessity was prepared. Interactive Fire Detection System and Fire Detection & FM200 Extinguishing Systems were installed inside the building and at special areas respectively.

The Fire Detection System was integrated with the Emergency Announcement & General Sound System and all emergency announcements were designed to be made via this system. Emergency Exit and Fire Escape Direction System were installed for rapid eviction in case of emergencies such as fire, earthquake, flood and terrorist attacks.

In order to follow-up entries and exits of employees and visitors from main and service entrance doors and as well as limit and authorize circulations of special areas in the building, Proximity Card Entry System was installed and integrated into the Closed Circuit TV System.

In order to detect attempts from the window against inner perimeter of the building, wireless magnetic contact and motion detectors were used. All wet volumes are tracked by sensors against possible floods and leakages.

Objects and paintings exhibited in the museum are tracked by RFID detectors and wireless receivers (connected to these detectors) and burglary attempts can immediately be detected by the security center.



The process in which Headquarters of Ottoman Bank built in 19th century are transformed into a modern art institution and intervention is most challenging was to integrate modern security standards and technological infrastructure into the historical building.

Senkron was very helpful to us by acting patiently and carefully.

**Han Tümertekin**  
Architect



## Martı Hotel

As it is at a location with higher population density, image frames are kept under record by taking 12-frame high-resolution photos per second by help of night vision IP Cameras.

Foundations of Martı Group were laid in 1967. First resort hotel of Turkey, Martı Resort Hotel started to render service by 33 beds. Today, Martı Resort Hotel continues to provide service under five-star hotel status with its capacity of 560 beds. Martı Gayrimenkul Yatırım Ortaklığı was offered to public in 2010. Demands for Martı GYO were collected on 16-17 September 2010; it was started to be traded at İstanbul Stock Exchange on 24 September 2010 and Martı İstanbul Hotel started to render service by its 270 rooms in 2012.

### REQUIREMENT & REQUEST:

As Martı İstanbul Hotel is at a location with higher circulation and population density, it was requested to be protected by high security systems.

### SYSTEM DESIGN & SOLUTION:

Designed by internationally recognized interior decorator Zeynep Fadilloğlu, Martı İstanbul Hotel which is a new hotel project in Taksim consists of 270 luxurious rooms on 11 floors. IP security cameras which are not an eyesore to the visitors and do not disturb them were designed without leaving any blind spot on every floor and thus expectations of our customers were satisfied at a high level.

By the help of high resolution and night vision IP cameras, all image frames are recorded by taking 12-frame high resolution photos per second. The project included design, implementation, engineering and commissioning of royal suite infrastructure by equipping the room with 70 IP Cameras, security room with special monitors and smart systems in an environment where customer satisfaction was realized at the maximum level.



Senkron Security Systems adopted a highly professional approach during and after installation of security system of Martı Group Hotel designed and commissioned in 2012. Selected as one of the best new hotels of the world, Martı İstanbul Hotel was glad to cooperate with Senkron Security Systems in line with the significance we attach to work with such professional companies.

*Hakan Güneş*  
IT Director of Martı Group





# Birecik Barajı

Birecik Dam and HPP (Hydroelectric Power Plant) was constructed at the rank of Atatürk Dam, known as one of the largest dams of the world, by Birecik Baraj ve Hidroelektrik Santrali Tesis ve İşletme Anonim Şirketi with the model of Build-Operate-Transfer (BOT).

Installed within the scope of Law No. 3096, Birecik Dam and Hydroelectric Power Plant is the largest hydroelectric power plant project constructed with Build-Operate-Transfer model in Turkey. Having an installed power of 672MW, Birecik HPP is the fourth largest hydroelectric power plant operated in Turkey following dams of Atatürk, Karakaya and Keban its power generation capacity of 2.5 billion kWh.

Birecik Dam and HPP (Hydroelectric Power Plant) is located in the Southeastern Anatolia region, on the Euphrates, 8km above the Birecik district of Şanlıurfa province and nearly 30km north of Syrian border

Birecik, located on Gaziantep-Şanlıurfa road, having restaurants on the riverbank, known as Mekadonopolis in antique ages and of which former name is Birtha almost serves as a bridge on the Euphrates.

Storage area of Birecik Dam is 56 km<sup>2</sup> and it reaches to borders of Şanlıurfa and Gaziantep. 1.220 million m<sup>3</sup> water is reserved in the dam reservoir. In addition to power generation, irrigation of a total area of 95,000 hectares, covering Gaziantep and Araban plains, is projected.

Irrigation water will be provided by being pumped from the Birecik Dam reservoir by the General Directorate of State Hydraulic Works (DSİ). Drinking water for Nizip region is provided from the dam reservoir via a modern treatment plant.



In order to prevent sabotage attempts perpetrated from Gaziantep and Şanlıurfa fronts to inwards and ensure security of life of employees and enterprise safety of the investments, fence detection system consisting of fiberoptic detection sensors and Closed Circuit TV System formed of mobile Speed Dome cameras were installed at 2,500m front of the dam.

## REQUIREMENT & REQUEST:

At the end of the risk analyses conducted at Birecik Dam and Hydroelectric Power Plant upon request of Verbundplan, Austrian investor firm, Fiberoptic Perimeter Security System and Analogue Closed Circuit TV System (subordinated to the first system) to ensure perimeter security of the dam, strategically open to terrorist attacks as it is 30km away from the Syrian border, as well as the Card Entry System, aiming to track administrative buildings and lodging buildings where employees of the Austrian company stays with their families and check and authorize human circulation, were designed.

## SYSTEM DESIGN & SOLUTION:

As a result of the risk assessment performed for the Birecik Dam and Hydroelectric Power Plant operating in energy sector, fence detection system consisting of fiberoptic detection sensors and Closed Circuit TV System formed of mobile Speed Dome cameras were

installed at 2,500m front of the dam in order to prevent sabotage attempts perpetrated from Gaziantep and Şanlıurfa fronts to inwards and ensure security of life of employees and enterprise safety of the investments.

Moreover, Closed Circuit TV & Digital Recording System was installed in a way all cameras will cover each other over the fencing of outer perimeter around the dam and the system functions by making assessments via video analysis software.

All significant areas, primarily data center and monitoring center, were kept under control for circulation and authorization for entries-exits of employees of Birecik A.Ş. and Verbundplan. Entries were restricted by turnstiles and authorized by Card Entrance System.

## Power Plants



We thank to Senkron, our electronic security solution partner, for its risk assessment in Birecik Dam as well as its successful, devoted and fast operations for project design and system installations.

Senkron, by its hardworking administrative team, professional staff and customer oriented approach, showed one more time in this international project that it is the best integrator company. We wish Senkron continued success.

**Yüksel Onaran**  
General Manager of Birecik A.Ş.



Due to challenging physical conditions of the plant, cameras with higher IP protection were preferred. Moreover, all products in the field were positioned with an industrial structure and operate between -30 °C and +60 °C.



## Kangal Termik Santral E.Ü.A.Ş.

Kangal Thermal Power Plant is the second investment of Konya Şeker in energy sector. Operating thermal power plants as autoproducer since its very establishment, firstly incorporated Çumra Şeker Integrated Plants to commercialize its experience of 60 years. It built a thermal power plant of 37MW capacity and reached to a power generation capacity of 79.66MW by construction of this power plant.

It took its second and huge step in energy sector by incorporating Kangal Thermal Power Plant. Securing the tender by its bidding of 985 Million USD in Privatization Tender for Kangal Thermal Power Plant held in February 2013, Konya Şeker took over the power plant in August 2013 and started to operate it.

Kangal Thermal Power Plant took over by Konya Şeker from EÜAŞ was completed in 1989 and started to generate power. One of the new generation power plants of Turkey, Kangal Thermal Power Plant is 86km and 25km

away from Sivas province and Kangal district respectively. The power plant constructed for use of lignite resources of Kangal district of Sivas province is one of the most significant facilities in the region. Kangal Thermal Power Plant which has a significant role in terms of power supply in our country where 26 coalbased power plants and 12,563MW installed capacity are available has a share of 3.64% in coal-based installed power by its total installed power of 457MW. Konya Thermal Power Plant incorporated by Konya Şeker forms 0.71% of total installed power capacity of Turkey.

Konya Şeker increased its power in energy sector by Soma Thermal Power Plant tendered for 685.5 Million USD by EÜAŞ within the scope of privatization.

### REQUIREMENT & REQUEST:

A need for high resolution imaging and recording systems in general areas and production fields as existing Electronic Security Systems are not sufficient, working areas are highly risky and in order to prevent damages possible to arise from external environment. This need had to be satisfied by camera products with high IP production due to challenging physical conditions of the plant. Therefore, it was determined that the Closed Circuit TV System used in Çumra Sugar Factory of Konya Şeker, appreciated and rendering service for many years would also be used at Kangal Thermal Power Plant. As automation solutions are also efficiently used in their plants, they planned to increase functionality by using additional inlet and outlet modules.

### SYSTEM DESIGN & SOLUTION:

Locations of cameras were determined by the administrations of plants and infrastructure and survey works were performed accordingly. As number of cameras in the plant may arise, connections of 6 other locations subordinated to the center were installed with gigabyte data speed. All products in the field were positioned with an industrial structure and can function between -30°C and +60°C.





Cameras which can operate even under very low illumination levels were used in the production, bottling and storage areas and thus all images obtained could be kept in records for 60 days and they could be uploaded to the digital recording devices running with programs allowing remote image display from offices in addition to security center.

## Corvus Vineyard

The building of the factory in Tenedos, Çanakkale where 400 tons of grapes are processed and 400,000 bottles of wine are produced annually and which has been gradually expanded since 2004 by architect Reşit Soley, founder of Corvus Vineyard and is still expanding today by additional facilities was established with the mission of revitalizing 3000-year viniculture history of Tenedos.

### REQUIREMENT & REQUEST:

Corvus Vineyard requested design and installation of Electronic Security Systems to cover bottling, storage and other auxiliary service buildings in addition to the factory buildings.

### SYSTEM DESIGN & SOLUTION:

First of all, Conventional Fire Warning System was installed in factory and office buildings so as to ensure integration with all other systems. Around the factory building, Active Infrared Sensor Perimeter Security System was installed so as to start from perimeter fence border and this system was integrated with the environmental lighting system.

The Closed Circuit TV System was installed by integrating high-tech cameras used in the vicinity of the building and open areas with motion sensors. On the other hand, cameras which can operate even under very low illumination levels were used in the production, bottling and storage areas and thus all images obtained could be kept in records for 60 days and they could be uploaded to the digital recording devices running with programs allowing remote image display from offices in addition to security center.

As Closed Circuit TV System is also fully integrated with the Perimeter Security and Internal Security Systems, record images of arising alarms can be sent to desired monitors via remote access and system management can be ensured. Moreover, a Card-Code Entry System allowing personnel circulation in line with the authorities granted was installed within the factory building.

System was designed by using the newest and high technology products in Electronic Security Systems. It was ensured via the Closed Circuit TV Systems that Tenedos campus of Corvus Vineyard could uninterruptedly be viewed and recorded from the head office in İstanbul.



Architectural design support and security projects design efforts of Senkron starting at Leo Design Architectural Design Office years ago still continues in Tenedos campus of Corvus vine factory.

Senkron is not our partner in the projects we implement for the others, it is now protector of security of our factory.

**Reşit Soley**  
CEO&FOUNDER of  
Corvus Vineyard



## Apple Teknoloji ve Satış

Apple is a multinational company which was founded on 1 April 1976 in California, USA by Steve Jobs, Wozniak and Ronald Wayne and designs, develops and sells consumer electronics, computer software and personal computers. It became joint stock company with the title of Apple Computer on 3 January 1977. Its best known hardware products are Mac series computers, iPod (music player), iPhone (smart phone), iPad (tablet PC) and iWatch (smart watch).

As of November 2012, in addition to its online stores of App Store and iTunes Store, Apple has 394 retail sales outlets in 14 different countries and 98,000 employees and occupies 6th rank of the Fortune 500 list.

### REQUIREMENT & REQUEST:

Security systems stipulated by the company for its service buildings throughout the globe were designed and implemented in the service building located at İstanbul Buyaka business center and it was integrated into the global system so as to be controlled from the foreign head offices.

### SYSTEM DESIGN & SOLUTION:

System design was carried out in administrative building of Apple by using high-tech devices and products of brands globally stipulated by the company. Card Entrance System, Theft-Burglary Warning System, IP Closed Circuit TV System and IP Video Intercom System was designed, assembled and commissioned.

Control of systems installed in the executive office in Turkey was integrated into the global system so that they could be checked from the head office abroad...



We thank a lot to Senkron Security, a company with International Platinum certificate, which did not refrain from providing project consultancy support and displayed a professional attitude for installation and integration of the system in the project of headquarters of Apple Teknoloji ve Satış Ltd. Şti. of which preliminary efforts were initiated in 2013.

**Alex Deal**  
General Manager of  
Universal Security Systems UK



## AIG Sigorta

One of the leading companies in insurance sector by its experience of 100 years and product diversity, AIG Sigorta renders service for more than 88 million persons in nearly 100 countries throughout the world by its more than 60,000 employees.

AIG initially started to operate in Turkey in branch form in 1976 and has maintained its investments and operations by taking the title of insurance company later.

Today, AIG has nearly 250 employees; regional directorates in İstanbul, Ankara, Bursa, İzmir, Samsun and Adana; representation office in Thrace and approximately 500 agencies subordinated to those stated.

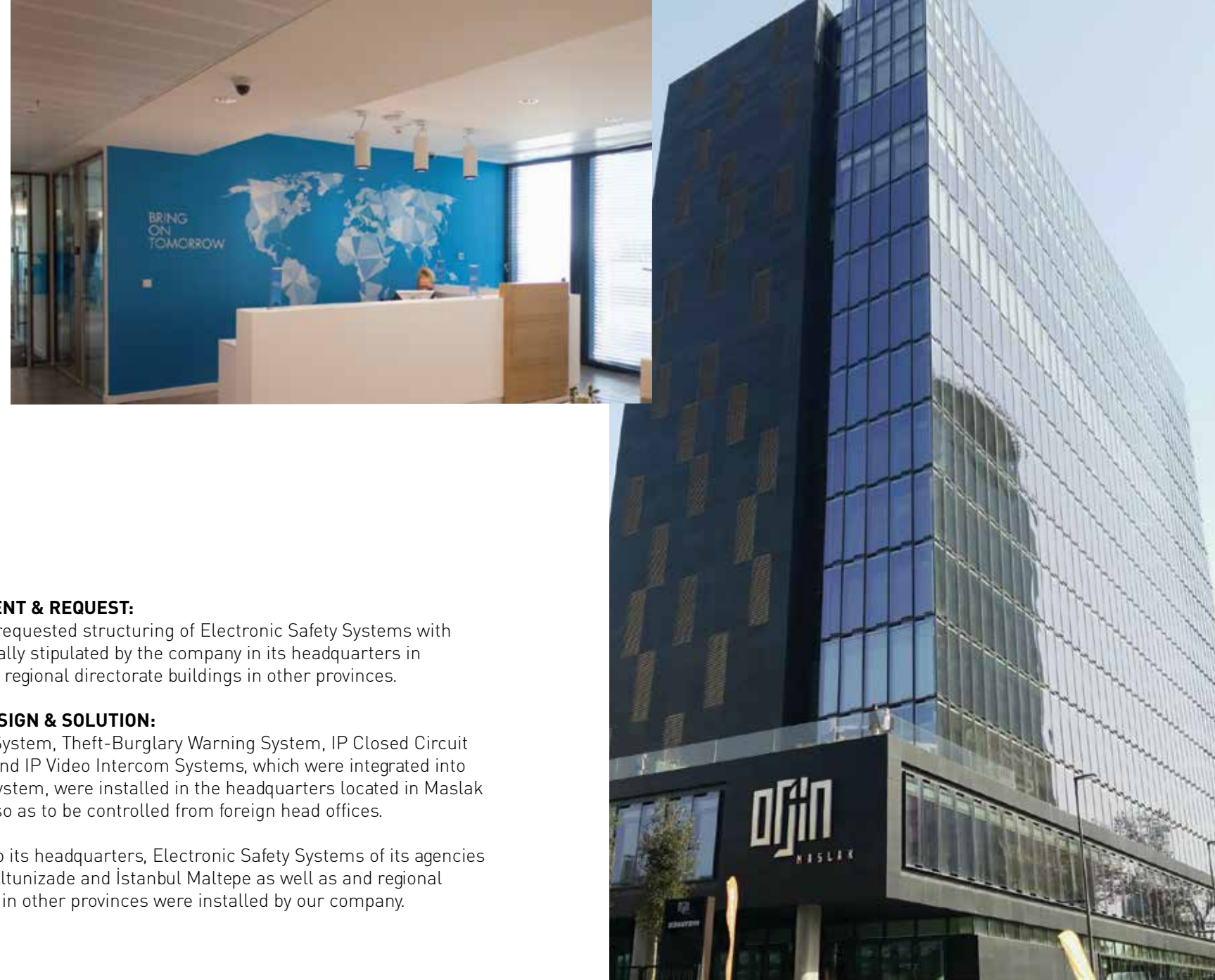
### REQUIREMENT & REQUEST:

AIG Sigorta requested structuring of Electronic Safety Systems with brands globally stipulated by the company in its headquarters in İstanbul and regional directorate buildings in other provinces.

### SYSTEM DESIGN & SOLUTION:

Card Entry System, Theft-Burglary Warning System, IP Closed Circuit TV System and IP Video Intercom Systems, which were integrated into the global system, were installed in the headquarters located in Maslak Orjin Plaza so as to be controlled from foreign head offices.

In addition to its headquarters, Electronic Safety Systems of its agencies in İstanbul Altunizade and İstanbul Maltepe as well as and regional directorates in other provinces were installed by our company.



Card Entry System, Theft-Burglary Warning System, IP Closed Circuit TV System and IP Video Intercom Systems, which were integrated into the global system, were installed in the headquarters so as to be controlled from foreign head offices.



As AIG Türkiye, we thank to the Senkron family which has been our solution partner in Electronic Safety Systems since the beginning of 2013.

**Hakan Urman**  
Administrative Affairs Manager of  
AIG Türkiye



In order to ensure security of Turkish ambassador and other stuff, the following systems were installed: Intelligent Address Fire Warning, Emergency Exit and Fire Escape Direction Units, Bullet-proof Glass & Security Glass Film, Card-Code Entry, Closed Circuit TV & Digital Recording, Burglary Warning, Active Infrared Barrier Perimeter Security, Video Intercom, Under Vehicle Scanning & License Plate Identification and Passenger Entry Control Systems.



## T.C. Moğolistan Türkiye Büyükelçiliği

Diplomatic relations between Turkey and Mongolia started on 24 June 1969. Embassy of Ulaanbaatar was opened in 1996. The first ambassador was H.E. Varol Özkoçak designated as ambassador before Mongolia on 30.09.1996.

The embassy renders service by its staff of 15 persons. In addition to consular branch, Trade Consultancy and Religious Affairs Coordinatorship also exist within the body of the embassy.

By completion of the projects of service building revised in 2011 and recently built residence project, it continues to render service in the city center.



Ambassador's residence is protected by a comprehensive and complex security system.

Senkron contributed in our design by displaying a faultless cooperation in both design stage and construction site maintained under harsh weather conditions.

**Han Tümetekin**  
Architect

### REQUIREMENT & REQUEST:

Within the scope of R.T. Ulaanbaatar Mongolia Embassy Service Building and Residence Project, installation of the following systems were requested in order for the ambassador and embassy staff to live in a safer and more comfortable place: Intelligent Address Fire Warning, Emergency Exit and Fire Escape Direction Units, Bullet-proof Glass & Security Glass Film Systems under the heading of "SAFETY" and Card-Code Entry, Closed Circuit TV & Digital Recording, Burglary Warning, Active Infrared Barrier Perimeter Security, Video Intercom, Under Vehicle Scanning & License Plate Identification and Passenger Entry Control Systems under the heading of "SECURITY".

### SYSTEM DESIGN & SOLUTION:

Fire Detection & Warning System was designed to be a microprocessor controlled and address system. Optic fume, gas detector, fixed temperature and combined detectors, compatible with section specifications and building material, were placed in every section of the building and fire buttons and fire sirens were installed for warning purposes.

By Card-Code Entry Systems, it was ensured that the employees would have the right of free circulation in the building as much as their authorization allowed via free pass cards produced for them. Regarding the visitors to stay for a long duration, they will give their identity cards to help desks as soon as they enter the building, they will receive the free pass cards produced for them and will have the right of free circulation in the building as much as their authorization allows.

Monitoring and recording was ensured by the Closed Circuit TV & Digital Recording Systems consisting of external cameras located in cases to operate in between -50°C and +50°C around the building and at the terraces and Speed Dome Cameras to cover garden entrance door & vehicle road, car park entry and ambassador landing area.

All window glasses of the building were kept under control by Glass Breaking Detector included in the Theft-Burglary Warning System. Against flood risk; water detection sensors detecting water floor or leakage beforehand were installed in places where water is frequently used such as bathroom, toilet and kitchen and they are continuously tracked via the panel in the security room. Magnetic Contact was placed at the doors of critical rooms to monitor the situations where the doors are open or closed and track the process.

By Active IR Barrier devices placed around the building, entire perimeter of the building and garden area were kept under control. Thus, audio and light warning will be given when necessary by monitoring any undesired penetration and entry from the external perimeter wall via the panel.



# Parkview Office Tower

It was built on an area of 25.550 m² by its 16-floor office building, restaurant of 150 person capacity, cafés on various floors, small meeting halls of different size, exhibition halls and multi-purpose hall of 135 person capacity.

**REQUIREMENT & REQUEST:**

Parkview Office Tower requested systems and solutions to integrate Pro-watch Card Entry System of Honeywell Integrated Security with automation, Fire Warning and elevator systems to check employees and visitors of the companies located in the business center and keep visitors and fire doors under control.

**SYSTEM DESIGN & SOLUTION:**

Parkview Office Tower Card Entry & Integration Project assumed along with Sembol Construction Co. was realized in Almaty, former capital of Kazakhstan. Within the scope of the project; integration between visitor control of employees of holder and owner companies in the business center, control of fire escape doors and Fire Warning System was ensured.

It was ensured by the Parkview Office Tower project that authorized personnel and visitors would enter floors and rooms in line with their authorization status. It was ensured by integration with the Fire Warning System that all doors controlled by Card Entry System would be opened, elevators would be activated in line with the fire scenario and eviction would be conducted safely in case of an alarm.

Card Entry System was integrated with the automation, Fire Warning and elevator systems to check employees and visitors of the companies located in the business center and keep visitors and fire doors under control.





## Almaty Rixos Hotel

The 5-star hotel is one of the preferred venues in the city centre by its 262 rooms, meeting halls, disco, pubs, restaurants, indoor pool, medical center, entertainment activities and shops. An area of 2.200 m<sup>2</sup> was reserved for gym, sauna, Turkish bath, indoor gardens and 7 message parlors.

The hotel includes “old city” architectural elements by its facade decoration materials and modern tendencies. In the middle of the hotel, there is a yard with its comfortable sitting area.



Project supervision services as well as training for Card Entry and Fire Warning Systems at user level and commissioning these systems were completed in nearly 4 months.



### REQUIREMENT & REQUEST:

Almaty Rixos Hotel requested systems and solutions to integrate Pro-watch Card Entry System of Honeywell Integrated Security with automation, Fire Warning and elevator systems to check employees and visitors of the companies located in the business center and keep visitors and fire doors under control.

### SYSTEM DESIGN & SOLUTION:

Rixos Hotel Card Entry & Integration Project assumed along with Sembol Construction Co. was realized in Almaty, former capital of Kazakhstan. Within the scope of the project; integration between visitor control of employees of holder and owner companies in the business center, control of fire escape doors and Fire Warning System was ensured. Project supervision services as well as training for Card Entry and Fire Warning Systems at user level and commissioning these systems were completed in nearly 4 months. Those following was ensured by this project: entries of all employees to enterprise's venues in line with their authorization, instant position of the requested employee, control of his/her time of arrival and leave and accounting these times, safety element, fire door monitoring and security of visitors of the hotel.





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