



KKB ANADOLU DATA CENTER ADAPTS COST-EFFECTIVE MATRIX DATA CENTER SOLUTION

Case Study

PROJECT HIGHLIGHTS

- Devices: 200+
- Users: 300+
- Location: Turkey
- Application: Access Control for Data Centers
- Technology: Fingerprint and Smart Card Authentication

COMPANY PROFILE

Kredi Kayıt Bürosu (KKB) was founded by the then nine leading banks of Turkey on 11th April, 1995. KKB is a highly regarded financial institution in Turkey and has a total of 156 members. The KKB Anadolu Data Center is located in the capital city of Ankara across 43,000 square meters of land, consists of three main sections. The facility is equipped with protection systems against lightning and earthquake.

CHALLENGES

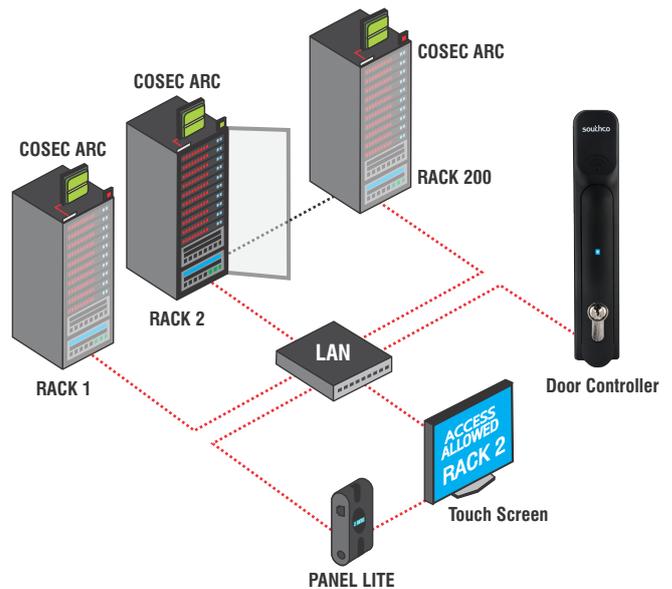
The data center has cabinet system in place while access to data racks require biometric authentication. The center is equipped with numerous data racks for which they required a display device at the entrance. Each rack was locked with physical locks as a result of which the center required a cost effective solution that did not include a device for each rack. Moreover, they required devices that supported both smart card authentication as well as door locks. The center authorities were looking forward to provide the supervisors with an additional option of authentication through RFID cards. With respect to gaining access, they wanted a solution that would grant access through two steps, biometric authentication and physically opening the locking system. Finally, the center wanted a solution that could alert them in case of situations such as a door being left open.

SOLUTION

Matrix, in association with SouthCo, provided the KKB Anadolu Data Center with the following solution:

The data center required a display device at the entrance, integrated with the biometric device installed by Matrix. So, we integrated our Data Center solution with a touch screen display. Whenever any user tried to access the data center with their biometric credentials, the touch screen would display a list of racks the respective user is authorized to access. From the display, the user would be allowed to choose the racks he/she would like to access. Once the user is granted access into the chosen racks, they will be allowed to access the same for a pre-defined period of time. User based access makes ensures security of sensitive company data. We also installed 200 COSEC ARCs, at the entry/exit of racks between 400 SouthCo locks, one between two door locks, making it a cost-effective solution for the center. Additionally, the ARC also provides the admin personnel with real-time notifications such as SMS or email notifications in case of any mishaps such as an open door, a door forced open, door being left open, etc. The personnel can also gather customized reports on events like who, when and which rack was accessed.

APPLICATION DIAGRAM:



RESULTS

- Maintenance of Diverse Data
- Foolproof Security with Biometric User-wise Rack Access
- Accurate Records of Who Accessed Data Center at What Time

ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. Matrix, an innovative, technology driven and customer focused organization, is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like IP-PBX, Universal Gateways, VoIP Gateways and Terminals, GSM Gateways, Access Control, Time-Attendance and Video Surveillance solutions. These solutions are feature-rich, reliable and conform to the international standards. Having global footprints in Asia, Europe, North America, South America and Africa through an extensive network of more than 1,000 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.

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