CASE STUDY

Matrix Supplements Real Image in Improving Security and Productivity

Access Control of Employees and Visitors along with Centralized Time-Attendance Data Management

Project Highlights:

- **No of Locations:** 6
- **No of Employees:** 500+
- **No of Units Installed:**
  56 Door Controllers and 50 Exit Readers
- **Main Application:**
  Time-Attendance, Access Control and Visitor Management

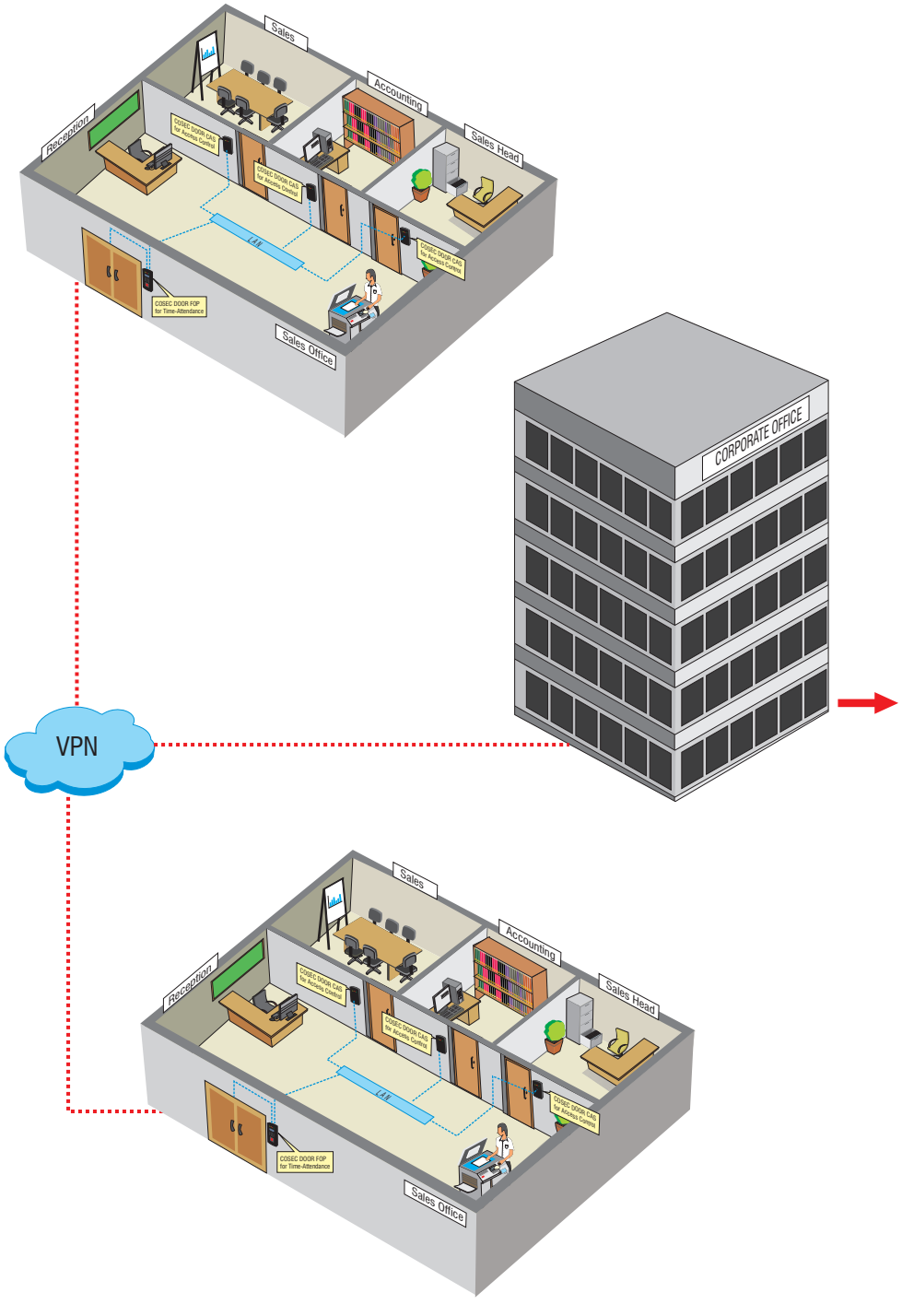
Company Profile

Established in 1986 as Media Artists and JS Films, Real Image has emerged strongly as a pioneer in media technology throughout India. The company has been instrumental in introducing computer-based digital non-linear editing in India thus transforming the industry.

With its end-to-end digital cinema product line, Real Image has made an impact worldwide. It is the only Indian company with DCI compliant digital cinema technology. The company has its corporate office located in Chennai and sales offices in Mumbai, Delhi, Kolkata, Bangalore and Hyderabad employing about 500 people.

Business Challenge

With increasing threats; safety and security had become a priority for Real Image for peace of mind of its employees along with safeguarding its data. To protect its organizational data, Real Image wanted to install card based access control for their departments across all locations. Along with data protection, providing serene atmosphere to work, limited access and maintaining data of visitors were also critical requirements. Another essential requirement was to collect reliable time-attendance data to improve staff punctuality which in turn would lead to increase in productivity and efficiency of the organization. Earlier, time-attendance was manually marked at all the sales offices and its summary was sent to the corporate office. This data was not authentic as there were chances of errors and forgery due to manual marking. Real Image wanted to switch to fingerprint based attendance record which would provide authentic attendance data at its corporate office. They also wanted to integrate their data with active directory to avoid multiple entries as active directory was already being used for authenticating and authorizing all users and computers in their network. They wanted a system which could stand up to all these challenges and provide a complete solution.


Sales
Accounting
Sales Head
Reception
Sales Office
COSEC DOOR FOP for Time-Attendance
VPN
CORPORATE OFFICE
Quality Assurance
Manufacturing
Technical Support
Fourth Floor
Purchase
Sales
Finance
Accounting
Third Floor
Engineering Head
Engineering
HR and Admin
Legal Department
Second Floor
Research and Development
Managing Director
R&D Head
Conference Room
First Floor
Marketing Room
Server Room
Reception
Ground Floor

Solution Offered by Matrix

Matrix extensive solution offered to Real Image meant to centralize their entire time-attendance process along with providing access control to its employees and visitors. To collect the time-attendance data at each location, biometric fingerprint based COSEC DOOR FOP was installed. Errors and forgery in time-attendance data was thus prevented due to usage of fingerprint of employees as credential. The data was sent to central office in real-time using VPN connectivity. This helped the HR in maintaining the log and using it further for its payroll. To keep an eye on the movement of its employees, card based COSEC DOOR CAS and READER CA was used at entry and exit respectively for all departments. The EM proximity cards for employees were programmed in such a way using the COSEC Application Server that the card would work only in assigned departments and on assigned doors. The cards given to a visitor was also programmed to work only in the department/cabin door of an employee to whom he/she was visiting. COSEC LE VMM helped in maintaining complete record of visitors, strengthened security and improved service provided to the customers. All the data collected was then integrated with active directory which maintained user accounts and computer security policies of their network. Matrix also provided complete technical service support to all its offices to successfully accomplish all its goals.

Results

- Centralized collection of time-attendance data making it uncomplicated and easy for corporate HR
- Elimination of fraudulent time-keeping with biometric based time-attendance data
- Integration with Active Directory to eliminate multiple entries and manage multiple databases
- Ease of implementation using the existing VPN infrastructure
- Live monitoring of employee and visitor movement within the offices
- Collection and maintenance of visitors database
- Comprehensive time-attendance, access control and visitor management reports
- Excellent after sales service support at all locations
- Improved overall data safety, security and productivity of the organization

The Products

- COSEC DOOR FOP: Optical Fingerprint based Door Controller for Access Control and Time-Attendance
- COSEC DOOR CAS: Card based Door Controller for Access Control and Time-Attendance
- READER CA: Card Reader with Wiegand/RS-232 Interface
- COSEC LE PLATFORM: Application Server Platform for 1000 users
- COSEC LE TAM: Comprehensive Time-Attendance and Leave Management Module
- COSEC LE VMM: Comprehensive Visitors Management Module

ABOUT MATRIX

An ISO 9001 Company, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; the company is committed to keep pace with the revolutions in the telecom and security industries. With around 30% 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 and Time-Attendance Systems, Video Surveillance System and Fire Alarm Systems. These solutions are feature-rich, reliable and conform to the international standards. Having global foot-prints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of more than 3,500,000 customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.

For further information, please contact:

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SECURITY SOLUTIONS

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Due to continuous technology upgradations, product specifications are subject to change without notice.