



MINISTRY OF FINANCE
REPUBLIC OF INDONESIA

MINISTRY OF FINANCE, REPUBLIC OF INDONESIA TRUSTED MATRIX FOR CENTRALIZED TIME-ATTENDANCE

Case Study

COMPANY PROFILE

Right from the era of Kingdoms in Indonesia, financial management has been existed. Ministry of Finance is an institution under Indonesian Government, which has an important role in conducting economic development. In Indonesia, the important role of the Ministry of Finance is managing state's finances and assisting the leader in the state's finance and asset. Therefore, the Ministry of Finance can be considered as the guard of state finance.

PROJECT HIGHLIGHTS

- **Application** : Time-attendance
- **Users** : 9,000+
- **Locations** : 141+ Locations in Indonesia
- **Readers** : Palm Vein Reader
- **Industry** : BFSI



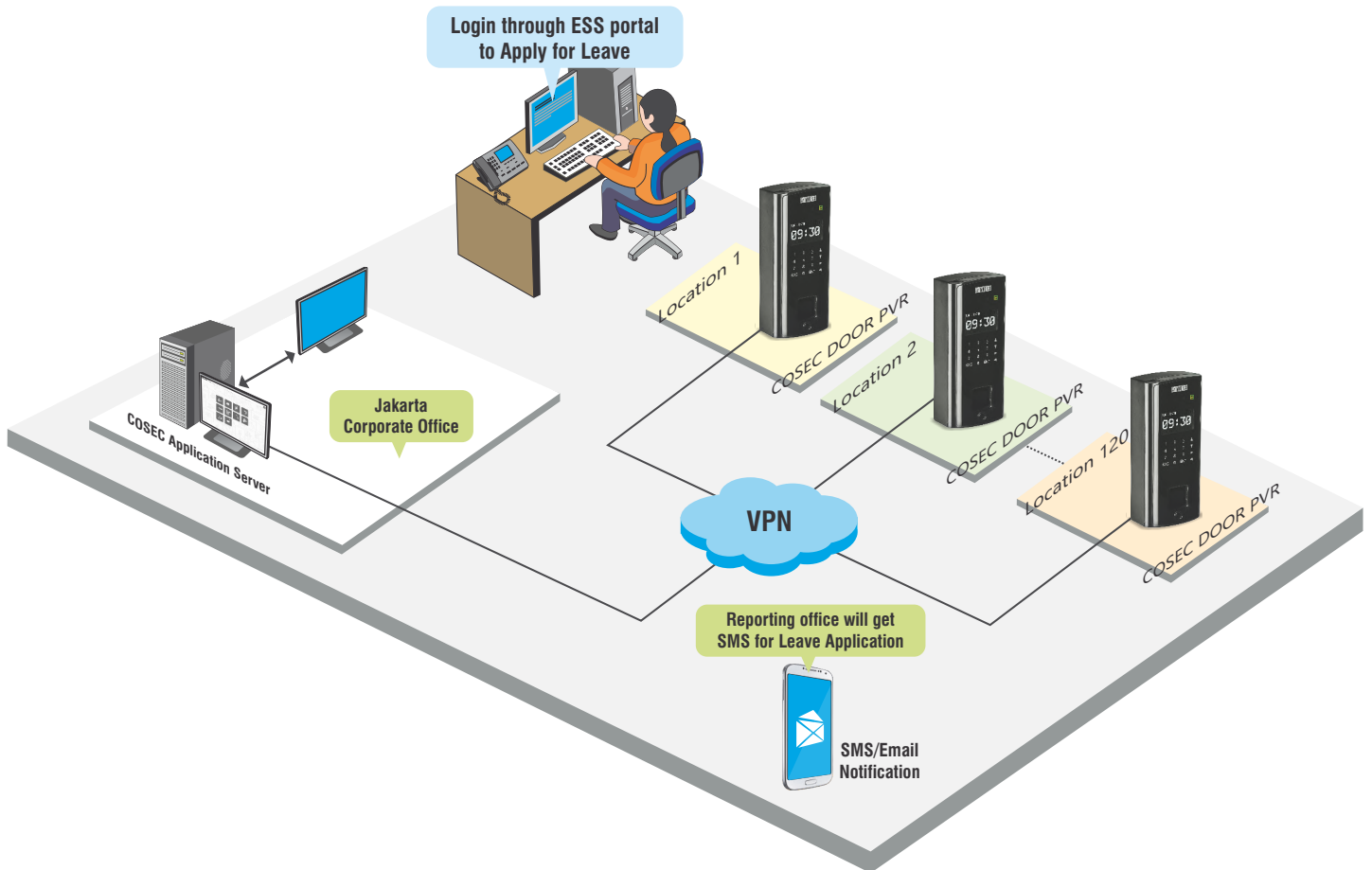
 **MATRIX**
SECURITY SOLUTIONS

BUSINESS CHALLENGES

After having a word with Ministry officials, Matrix got to know that the organization faced many issues when the users had to place their palm on the surface of palm geometry reader. This resulted in making devices dirty. Moreover, such devices were not able to reflect real-time attendance in the system. Hence, they were not getting correct time-attendance data for timely and accurate salary payment.

To resolve all the above challenges, they wanted latest contactless technology for centralized time-attendance solution, which can connect its 141 locations with the head office in Indonesia. Furthermore, they needed a solution which can be easily integrated with their own time-attendance and payroll software.

SOLUTION DIAGRAM



MATRIX OFFERED SOLUTION

With extensive study of the existing system and client requirements, Matrix gave a comprehensive People Mobility Solution to Ministry of Finance, Indonesia that took care of all their business challenges.

Matrix provided a centralized solution, which connects 141 different locations with the COSEC CENTRA server to their corporate head office located at Jakarta. Attendance of each employee can be marked from any location as all the terminals are interconnected with each other and with the central server through VPN network. User credentials will be transferred automatically to

every device connected with the COSEC CENTRA server. It will prevent users to enroll at every location.

Furthermore, Matrix provided COSEC DOOR PVR, which is a contactless technology that reads internal vascular pattern of palm and give accurate result to provide utmost security and hygiene. These palm patterns are unique to each individual and exists underneath the skin layer so they cannot be faked, thereby making it more secure than any other biometric technology.

RESULTS

- **Reduced Salary Calculation Time by 80%**
- **Improved Productivity**
- **Error Free Time-Attendance Data for Salary**
- **Faster Decision Making with the Help of Informative Reports**

PRODUCTS

COSEC DOOR PVR	Biometric Palm Vein based Door Controller
COSEC ENROLL PALM	Palm Vein Enrollment Station
COSEC LE CENTRA	Web-based Application Software Platform

ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization, Matrix 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 500 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.

For further information, please contact:



MATRIX COMSEC

Head Office

394-GIDC, Makarpura, Vadodara-390 010, India.
Ph: +91 265 2630555, Fax: +91 265 2636598
E-mail: Inquiry@MatrixComSec.com
SMS 'MATRIX' to +91 99987 55555

Manufacturing Unit

19-GIDC, Waghodia, Dist. Vadodara-391 760, India.
Ph: +91 2668 263172/73

www.MatrixAccessControl.com