



Customer case study

Renesas Mobile Corporation (RMC)

A world-class Mobile Technology Research Centre is now secured with Smart I's Access Control Solutions.

Renesas Mobile Corporation (RMC) is a wholly owned subsidiary of Renesas Electronics Corporation (TSE: 6723) and offers advanced and innovative products and services for mobile phones, car infotainment solutions, consumer electronics and industrial applications.

Renesas Mobile started operations on December 1, 2010 with the completion of Renesas Electronics acquisition of the Wireless Modem group of Nokia Corporation which provided proven wireless modem technology as well as the world-class R&D teams from the wireless modem group. The opening of the R&D centre is an important step for Renesas Mobile, and underlines the opportunities Renesas Electronics and Renesas Mobile Corporation see in India.

Requirement : -

Renesas Mobile India Pvt. Ltd. Bangalore is a R&D center of Renesas Mobile Corporation, premises with approx 100 doors. On every R&D project Renesas has invested a huge amount; the project can be scrapped if such crucial information or, technology would be leaked in the market. So Renesas required a highly secured system which would give them a highest security in the premises. The system would be a robust one which could deliver a high security, wherein if any person comes in premises he/she would definitely be an authorized one.

Solution Offered by Smart I

Intelligent Multi Door Controller : -

Smart I has deployed multi-door IP based smartXS (4 Door/4 Reader) controller with HID card reader. All controllers are connected through Access Management Software on LAN. Software will be used for report generation and security configuration setting. There is no master slave concept limitation; so all security/authorization decisions are taken by controller itself. The systems has many access restricted features for restrict entry of unauthorized person ie; Access Level, Time Zone, Anti pass back, etc.

Access Management Software : -

Smart I's Access Management Software (smartENGINE) which is connected with all controllers on LAN. The software is used mainly for downloading the transactions, generating different types of reports and configuring various security settings; controller wise/door wise/reader wise. A premise with 100 doors like Renesas where security parameters and level of security are varied from door to door, smartENGINE has facility where user can manage the security level as per requirement by configuring various features door wise.

Integrated Solution : -

Smart I has deployed the complete integrated solutions commissioned by

Sobha Projects and Trade Pvt. Ltd., Bangalore. The solution is equipped with sophisticated Smart I's multi door Controllers, HID reader, EML Lock and Access Management Software. Rene-sas required event based email features, where system can shoot an email to specific email id. The feature is already available with smartENGINE Software. They also required that all transaction should be visual during the report generation period. Smart I has done all above value added customization for Renesas.

System Architecture

