



CUSTOMER HIGHLIGHTS

- *Number of colleges: 30*
- *Number of cities covered: 11*
- *Total staff & faculty: 3600*
- *Total students: 25000*

REQUIREMENTS

- Manage attendance data of more than 35000 students
- Implementation of latest access control technology
- Real time occupancy of students and staffs
- Integration with SAP
- University regulations compliance

SVKM Public Charitable Trust is a charitable trust which runs over 20 educational institutions. Its presence is well known in eight major cities in India, including Bangalore, Mumbai, Chandigarh, Hyderabad and Ahmedabad.

PROBLEM STATEMENT

Following were the major concerns being faced by SVKM:

- To keep a track of individuals entering the premises, including real time occupancy of students and staff across all its institutions.
- Low operational efficiencies due to high cost of operations, improper resource planning and manual payroll system.
- Manual data collection resources, leading to proxy attendance and anomalies
- Errors due to manual process and slow decision making.
- Serious concern about students' security and university regulations compliance
- They had deployed biometric devices from different brands such as Virdi, Suprema and Invixium, which were running in silos. Hence, they were looking for an integrated physical security system to encompass all biometric devices

SOLUTION

IDCUBE's Access360 software comprising of modules such as HRView, Smart Issuance was implemented considering a strong management recommendation for business continuity and an open platform solution.

The solution architecture comprises of a central server and local servers (one for each site). Here, the central server hosts HRView web

APPLICATIONS/PRODUCTS

- IDCUBE Access360 modules- HRView, Smart Issuance, Security View
- HID Access Control Panels
- Biometric Devices- Suprema, VIRDI, INVIXIUM
- Flap barriers/Turnstiles- Kaba
- IDCUBE data exchange bridge for SAP and ERP

application to manage user profiles and privilege, whereas, the local servers are used to record site specific data logs and communication interface to biometric devices. The local servers replicate the logs to the central server. The Smart Issuance module at each site is used for biometric fingerprint enrollment, smart card issuance and printing. The central server integrates with SAP for payroll processing and pulling latest user (students, staff and faculty) profile information.

Different sites of SVKM are using biometric devices from different manufacturers. Access360 directly integrated all these biometric brands.

RESULT

- IDCUBE successfully implemented Access360 software, an open platform access control and attendance management system.
- Integration with SAP has ensured easy payroll processing for the staff and faculty.
- Access360 facilitated the customer to define multiple institutions. Thus, system administration and reports of the various institutions under SVKM group can be viewed based on the privilege held by the user.
- The system helped in managing various personnel identities, i.e. staff, students and faculty and cross mapping them as per their roles. For example, faculty members may log in to HRView web interface to generate attendance reports of students mapped to them. Whereas the HR Manager may generate attendance reports for the staff and faculty.
- Use of authentic biometric credentials has enhanced security in the campus and prevented proxy sign in.
- The system reduced the scope of manual errors significantly, resulting in substantial cost benefits.
- Distributed architecture ensured system availability even during network failure.
- IDCUBE's Access360 software ensured the integration of different brands of biometric devices on a common platform. This prevented the client from proprietary lock-in. They can pick and chose from different biometric brands as per the right technical fit and cost.

SYSTEM ARCHITECTURE

