



Case study

IDCUBE transforms **Silverline School's Campus security** for 10,000+ identities

Silverline School is a high-performing, technology-enabled campus where more than 2,500 students, over 500 staff members, and up to 7,500 parents and guardians move through the school every day. Silverline operates at a scale that demands more than basic access control - it requires precision, speed, and complete visibility.

Silverline needed IDCUBE to bring the same level of structure and visibility to its physical environment. The school required a unified solution to manage high-throughput student entry, staff attendance, and parent and guardian authentication. It also needed physical access to align with Google Workspace identities, while providing accurate records, automated access updates, and real-time visibility across students, staff, parents, guardians, and visitors.

The Challenges

The major concerns faced by Silverline School were:

- Managing approximately 2,500 student arrivals within one hour across four barriers, while preventing long queues at the school entrance.
- Reliably authenticating young students when fingerprint readers could not consistently capture their biometric details.
- Supporting facial recognition for students ranging from toddlers to teenagers, with heights between three and six feet.
- Applying different entry and exit schedules for students, staff, and design lab users throughout the school day.
- Verifying parents and guardians before handing students over to them, without causing delays or a poor experience at the gates.
- Handling routine exceptions, such as mid-morning departures, parent-teacher meetings, and temporary campus-wide access suspensions.
- Restricting design lab access to authorised users while keeping a complete record of every entry.
- Maintaining a clear view of all students, staff, parents, guardians, visitors, and other users present on campus.

The Requirements

- Secure the campus against unwanted entry.
- Control student departures so that no student leaves without permission.
- Demonstrate authorised entry and exit through recorded activity.
- Manage staff attendance on the same platform where student access is managed.
- Authenticate parents and guardians before student handover.
- Protect the design lab from unauthorised entry during restricted hours.
- Enforce access and exit timings according to standards and user groups.
- Support authorised exceptions such as mid-day departures, parent-teacher meetings and school events.
- Integrate physical access with the school's Google Workspace identities.
- Provide visibility into campus presence, punctuality, attendance, credential status and unauthorised access attempts.

The Solution

IDCUBE deployed **Access360** as Silverline School's central platform for access control, staff attendance, visitor management, and security insights. School administrators use Access360 to manage identities, access groups, time schedules, permissions, temporary access, and campus-wide access changes from one system

The solution manages five barriers: four at the main school entrance and one at the design lab. **AMICO facial recognition** readers are used to authenticate students, parents, guardians, and staff. The readers were positioned to support users from approximately three to six feet tall and to handle the high number of students entering during peak hours. Facial recognition is the main identity method, reducing dependence on physical cards or fingerprints.

The school's existing IDEMIA Wave readers were integrated with Access360 for teacher and staff attendance. This allows attendance and access events to use the same identity records instead of operating as separate systems.

Access rules are managed through access groups and time zones. Different permissions can be applied to students based on standard and dismissal time, as well as to parents, guardians, teaching and non-teaching staff, security personnel, visitors, VIPs, and temporary workers. The design lab has a separate access group so that only approved students and staff can enter during permitted hours.

Google Workspace is integrated with Access360 through **SSO** to connect the school's digital identities with physical access. When a student leaves the school, changes to the Google identity can automatically remove the student's physical access and the access of linked parents or guardians. Student-to-parent mapping ensures that a parent's access remains active if another linked child is still enrolled. A field-update API keeps access records updated when school information changes. Different users interact with the system in different ways. Administrators work directly through Access360. Students, staff, parents, and guardians mainly interact through facial authentication at the barriers.

Visitors are managed through **ezvisit10**, which supports reception registration, vendor approvals, prospective-parent pre-registration, and QR-code visitor credentials, including passes shared through WhatsApp.

Alnsights adds the intelligence layer by analyzing access, attendance, and visitor data. It provides visibility into punctuality, attendance, unusual staff movement, credential hygiene through **Cred Vision**, and unauthorized access attempts.

Together, Access360, Google Workspace, ezvisit10, Alnsights, AMICO readers, IDEMIA Wave readers, and the physical barriers create one connected system for identity management, access enforcement, visitor handling, and security monitoring.

The Result

The implementation delivered the following benefits to Silverline School:

- **Unified campus management:** One platform unifies access, attendance and visitor management for over **10,000 daily identities**.
- **High-throughput entry:** Four barriers process approximately **2,500 student arrivals hourly**, supporting fast, authenticated morning access.
- **Controlled student exit:** Permission-based departures and temporary access groups ensure authorised, traceable student movement.
- **Configured campus access:** Time-based permissions regulate students, staff, parents, visitors and design lab users.
- **Aligned digital and physical identities:** Google Workspace integration synchronises identities and automatically revokes departing students' linked access.
- **Structured visitor management:** ezvisit10 streamlines visitor approvals, registration and QR-code-based entry.
- **Centralised operational visibility:** Alnsights unifies punctuality, attendance, anomalies, credential hygiene and access-attempt insights.

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