Case Study **Access Control**

Modernizing Campus Access Control and Management in Vietnam

INschool Deploys Aratek BA8300 Facial Recognition Terminals and OMT's SchoolOnline Platform for a Safer, Smarter Environment

QUICK FACTS

Challenges:

- Slow and Inefficient Entry Control
- Inconsistent Attendance Tracking
- Lack of Real-Time Tracking
- Lack of Centralized Access Management

Solution:

- Aratek BA8300 Facial Recognition Terminal + SchoolOnline platform

Benefits:

- Faster, Contactless Campus Entry
- Real-Time Visibility & Accurate Attendance
- Smarter, Safer Campus Security

Overview:

In 2025, Aratek Biometrics partnered with Vietnam's **The Online Management Training Company (OMT)** to implement a smart campus access and management system for INschool, a leading K–12 education institution. By deploying Aratek's BA8300 facial recognition terminals integrated with OMT's SchoolOnline platform, the project transformed how INschool manages campus security, attendance, and daily operations. The new system enabled rapid, contactless entry, real-time visibility, and centralized access control—enhancing both operational efficiency and the overall experience for over 4,000 students, parents, teachers, and staff. The successful deployment also reinforced INschool's reputation as a forward-thinking institution committed to innovation and excellence in education.

Challenges:

As a leading K–12 institution in Vietnam with multiple campuses, **INschool** operates multiple campuses serving 4000+ students, parents, teachers, and staff. Managing secure access and daily operations across such a large and dynamic community demanded a faster, more reliable system than their existing setup could provide.

1. **Slow and Inefficient Entry Control:** Manual checks at entry points caused queues at busy times, disrupting the flow and weakening perimeter security.

2. **Inconsistent Attendance Tracking:** The previous process relied heavily on self-reporting, making records prone to delays and inaccuracies.

3. **Lack of Real-Time Tracking:** Without automated tracking, arrival and departure records were updated slowly, leaving staff and parents without immediate confirmation of student movements.

4. **Lack of Centralized Access Rights Management:** Permissions for different roles and areas were handled manually, making it difficult to enforce security policies or adapt quickly to operational needs.

Solution:

In 2025, Aratek Biometrics partnered with Vietnam's OMT to equip three INschool campuses with a smart school access and management solution. **Aratek BA8300 facial recognition terminals** were seamlessly integrated with **OMT's SchoolOnline smart school management system** and installed on speed gates, enabling rapid, touch-free authentication at key entry points in just 0.3 seconds for students, parents, teachers, and staff. Leveraging its advanced design, the BA8300 combines Live Face Detection with tamper protection to block spoofing and interference, while its IP65-rated build ensures reliable outdoor performance in Vietnam's humid, rainy climate.

The BA8300's versatile interfaces and SDK let OMT integrate facial recognition into SchoolOnline without major rework, allowing fast deployment. With the new system in place, teachers and administrators can accurately track attendance and easily control access rights. Each authenticated entry triggers real-time updates to system dashboards and apps, confirming student arrivals and departures. In the canteen, facial authentication links each person to a single allocated meal, preventing duplicate claims and reducing waste. By combining the high-performance Aratek BA8300 with OMT's robust school management system, INschool now runs a secure, efficient, and data-driven campus—enhancing safety and satisfaction for over 4,000 stakeholders.

Key Benefits:

The BA8300–SchoolOnline integration brought faster, smarter, and more secure campus operations to INschool:

Faster, Contactless Campus Entry
Touch-free facial authentication processes in just 0.3 seconds on speed gates, eliminating queues during busy hours and keeping campus entry points secure.

Real-Time Visibility & Accurate Attendance
Automated logs update dashboards and mobile apps instantly, confirming arrivals/departures and reducing errors from manual or self-reported records.
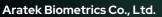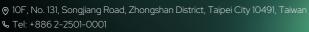
Smarter, Safer Campus Security
With facial authentication, centralized access management, and real-time monitoring, INschool established a smarter and safer campus environment.

High User Satisfaction and Institutional Value
The modernized system enhances daily convenience and trust for all users, while reinforcing INschool's reputation for innovation and excellence.

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