

Customer Stories

Enhancing Student Safety and Attendance at DPS Sharjah



About UNION biometrics

UNION biometrics is a global leader in biometric security, delivering comprehensive, high-performance access control solutions and premium multi-modal recognition devices built on proprietary technologies and patented anti-spoofing methods, protecting critical infrastructure, corporate, and government facilities worldwide through a trusted global partner network.

Overview

Established in 2000 with an initial enrolment of just 140–150 students, Delhi Private School (DPS) Sharjah has grown into one of the region's leading CBSE-affiliated institutions. Today, the school educates over 5,500–6,000 students from Pre-KG to Grade 12, supported by a dedicated team of more than 400 faculty and staff members. Spanning a 12-acre campus, DPS Sharjah offers a comprehensive academic environment that combines academic rigor with holistic development, serving a diverse student community from across the UAE and beyond.

Challenge

DPS Sharjah prioritizes student attendance and safety as key operational goals. However, the school currently faces limitations in comprehensively tracking students' movements throughout the day. There is no complete visibility of IN and OUT data—from the moment students board and disembark school buses, to their classroom attendance, and finally until they are dropped off at their designated home locations.

To address these gaps, the school seeks to integrate a unified attendance and access control system that ensures end-to-end monitoring and prevents unauthorized student movement within the campus. The system should not only enhance student safety and campus security but also support productivity and operational efficiency. Furthermore, real-time reporting of attendance and movement data to parents is a critical requirement to strengthen transparency and trust.



Customer

Delhi Private School Sharjah



Industry

Education



Product/Solution

UBio-X Face Pro / AC2200



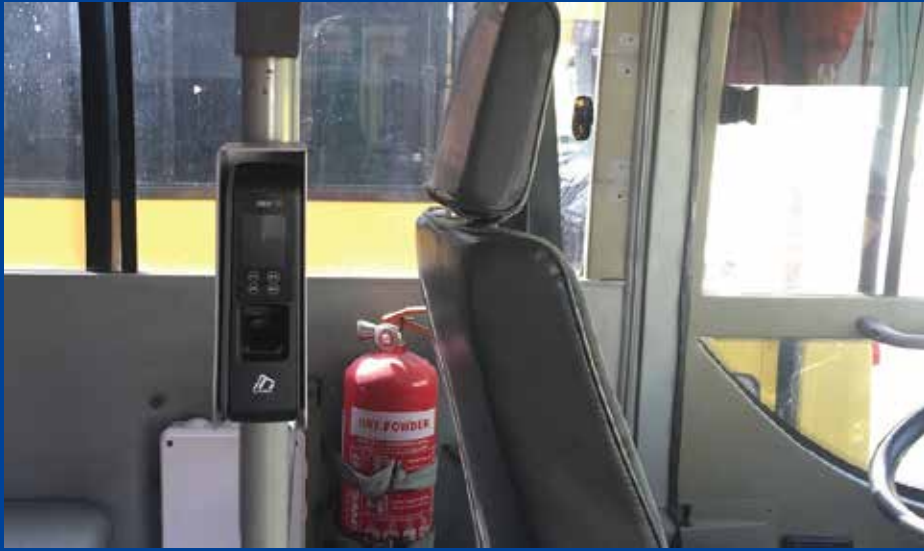
Partners

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Location

UAE



Solution

To address the school's safety and attendance challenges, UNION biometrics deployed its advanced biometric solutions — the AC2200 fingerprint recognition device and the UBio-X Face Pro multi-modal recognition device — across more than 150 school buses. These devices automatically record each student's attendance as they board and disembark, ensuring precise tracking throughout the transportation process.

The system is fully integrated with GPS, allowing the transport department to receive real-time updates on bus locations and live data of students boarding or leaving via fingerprint or facial recognition. This integration provides a comprehensive view of student movement, significantly enhancing safety and accountability.

In addition, the biometric solution is seamlessly connected to the school's student tracking ERP platform, My Fence, where all biometric data is transmitted in real time to support continuous monitoring. The same data is also linked with the school's access control system, ensuring secure and authorized movement within the campus. On average, the UBio biometric system securely processes over 90,000 transactions daily, ensuring consistent accuracy, safety, and reliability across all operations.

Value Delivered

As a result, UNION biometrics has significantly enhanced the overall safety and efficiency of school operations. The integrated biometric and tracking solution has enabled precise attendance management, secure student movement, and real-time communication with parents. By bringing automation and visibility to every stage—from bus boarding to classroom attendance, UNION biometrics has set a new benchmark for student safety and operational excellence in the education sector.

At a Glance

UBio-X Face Pro



Experience, Beyond Security

Next Generation Multi-Performance Biometric Device



- 5" IPS LED touch screen
- Walk-through facial recognition up to 4m
- Advanced anti-spoofing technology
- Large capacity: up to 500,000 users & 10M logs