



Digitalization – School Campus Master

Smart Solutions for a Future-Ready Campus.

The School Campus Master solution integrates IoT sensors, AI analytics, and cloud platforms to monitor and manage campus operations in real time. It tracks attendance, security, energy usage, and facility management, providing instant visibility to administrators and staff. AI-driven insights help optimize energy consumption, predict maintenance needs, and enhance operational efficiency. Automated alerts improve student safety and campus responsiveness. Centralized dashboards allow seamless management of multiple facilities. Overall, the solution ensures a safe, efficient, and well-organized learning environment.

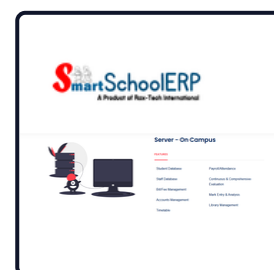
Problem Statement

- Limited Real-Time Visibility: Traditional campus management lacks continuous monitoring of attendance, security, and facility operations.
- Safety and Security Risks: Manual oversight makes it difficult to detect unauthorized access, emergencies, or unusual activity promptly.
- Inefficient Resource Management: Energy, lighting, and facility usage are often unoptimized, leading to higher operational costs.
- Operational Complexity: Managing multiple systems manually increases administrative workload and reduces efficiency.

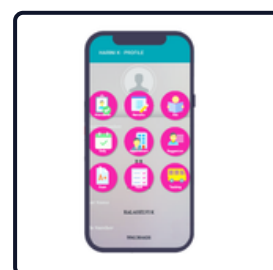
Solution

- IoT-Enabled Monitoring: Deploy sensors across the campus to track attendance, security, energy usage, and facility operations in real time.
- AI-Powered Analytics & Dashboard: Aggregate data on a cloud platform to provide actionable insights, predictive maintenance alerts, and operational reports.
- Automation & Optimization: Use analytics-driven automation to enhance safety, optimize energy and resource usage, and streamline campus management.
- Centralized Management & Alerts: Provide administrators with real-time dashboards and instant notifications to improve responsiveness and decision-making.

Products



SCM Software



Staff/Parent APP



Classroom Management Devices



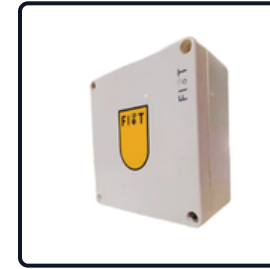
AI Devices



Safety & Security IoT Devices



Water Quality IoT



Edge IoT



e-surveillance Devices

Architecture

