

# Mi-GuardianAlert

## AI-Powered Facial Recognition for Child Safety

Mi-GuardianAlert is an AI-powered child safety solution that redefines trust and protection in schools and childcare centres. By combining real-time facial recognition with instant alerts, it ensures every child is accounted for, preventing tragedies while giving parents and educators peace of mind.



### Technology Overview

Mi-GuardianAlert is an AI-powered facial recognition safety system designed to eliminate the risk of children being left behind in parked vehicles due to miscommunication between parents and teachers. By automatically verifying each child's presence within the school premises in real time, the system ensures that no child's absence goes unnoticed.

If a child is not detected during arrival, Mi-GuardianAlert immediately alerts parents for confirmation, creating a reliable safety loop between home and school. This proactive approach not only prevents tragic incidents but also strengthens accountability and trust between educators and families, while providing a secure, seamless, and automated attendance process.

### Technology Benefits

- Enhances Child Safety: Prevents incidents of children left in cars by ensuring rapid detection of absence.
- Reduces Human Error: Fully automates the process, eliminating reliance on manual roll-calls or physical cards.
- Builds Parent-School Trust: Offers transparency and reassurance with real-time communication.
- Operational Efficiency: Freed up teacher time and creates secure digital attendance records.
- Scalable and Future-Ready: Can be integrated into school transport systems or broader smart campus frameworks.

### Key Features

- Real-Time Attendance Verification: Automatically detects and verifies each child's arrival using facial recognition.
- Absence Detection & Alerts: Identifies children who fail to arrive within a set window and issues persistent alerts to parents, teachers, and emergency contacts.
- Parental Notifications: Provides immediate updates to reassure parents of their child's safe arrival.

- Teacher Dashboard: Offers live monitoring of attendance and absences for improved oversight.
- Compliance Support: Ensures institutions meet SOPs and provides digital records for reporting and audits.

### Applications

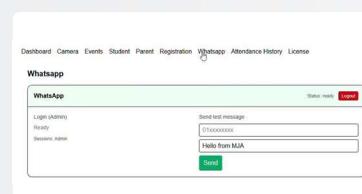
- Preschools and Daycare Centres: Automated child check-in and compliance with safety SOPs.
- Primary Schools: Enhances student monitoring and prevents oversights.
- School Transportation: Verifies each child boarding or exiting vehicles to prevent unattended cases.
- Urban Families: Provides peace of mind for working parents with busy schedules.



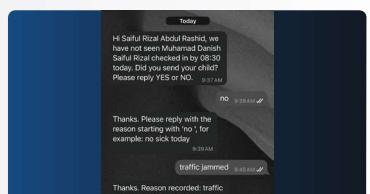
Live Camera Face Recognition



Smart Attendance Dashboard



Integrated Alert Message Notification



Automated Parent Acknowledgement

