What is LoopLearn?

LoopLearn, is an automated attendance system. It replaces manual roll call with computer vision technology that completes attendance checks automatically, more often, without interruption to lessons.

LoopLearn was designed specifically for educational environments to help schools quickly and easily record student attendance, in line with their legal requirements.

Why Schools Use LoopLearn

Parents trust schools to protect and care for their children, and schools rely on attendance management systems to keep students safe, from the moment they walk through the gate each morning, to the final bell each afternoon.

New technologies have enabled more sophisticated attendance management systems that make it easier for schools to deliver on their duty of care to students, but marking the roll is still a manual process. This can take time, it can be inaccurate, and it isn't keeping pace with modern approaches to learning and different types of classroom environments.

Automating roll call has a range of benefits for schools, teachers and students:

LoopLearn makes more time for learning. Schools have a legal obligation to keep accurate attendance records. State regulations can require teachers to mark the roll up to eight times a day. It may not seem like much, but those few minutes add up and can equate to two and a half hours of lesson time lost per week for every student. Over the course of a year, teachers and students lose as much as 15 days' worth of lesson time. With LoopLearn, completely automated roll call can happen in the background, allowing teachers and students to start the lesson right away.

LoopLearn improves classroom experience. New approaches to learning might mean students spend time outside, in auditoriums for combined classes, or independently around the campus if they're in senior school. LoopLearn makes it easy for schools to take attendance checks outside of the usual classroom setting. This means attendance records can be completed more often, in more locations, giving students the flexibility to safely move about the school.

LoopLearn protects students. It's important for schools to know right away when a student is absent or someone enters school grounds who shouldn't be there. With LoopLearn, schools are made aware of these issues more quickly, as the system alerts teachers and school attendance officers immediately when a student is recorded as not present, or when it senses a face that it cannot match with the school's records. This in turn enables schools to contact parents and carers more quickly.

LoopLearn makes roll checks more accurate. Schools have been enthusiastic about LoopLearn because it removes inevitable errors which are part of any large-scale manual data recording. Many schools have automatic email and SMS systems in place to alert parents if their child is not at school by a set time. Under this system, a delay or error in roll marking can create unnecessary panic for parents. LoopLearn's attendance records reduce the likelihood of this situation arising as they are more accurate and timely than those created with a manual roll call.

What LoopLearn Does

The LoopLearn system uses facial recognition technology to automate attendance checks and deliver a fast and secure sign in and out process for students, staff and visitors to schools.

The LoopLearn system consists of a range and products and features designed specifically for educational environments. They are safe, secure, and fully compliant with Australian privacy requirements.

LoopLearn Sensor – Automated roll call

LoopLearn Sensors are small, integrated devices that use facial recognition technology to identify students and mark the roll automatically.

LoopLearn Sensors work by capturing a single classroom image at times and locations set by the school. This image is then compared with student ID photos kept on file by the school, using the numerical values of each student's face to make the identification.

Captured images are not stored, they're held temporarily for identification purposes only, and are permanently deleted once the system has identified students present, logged their student ID numbers, and recorded the completed roll within the school's own recordkeeping system.

LoopLearn Sensors alert teachers and attendance officers via an app when a student is absent or when the sensor is unable to match all students present to ID photos on file so they can check up on the student or validate the system identification.

LoopKiosk – Visitor and student management

LoopKiosks are freestanding devices with a simple touchscreen interface, usually placed in school reception areas or versatile learning spaces such as libraries.

LoopKiosks use facial recognition technology to provide a fast and secure sign in and sign out options for students, staff and visitors to the school.

What LoopLearn Doesn't Do

LoopLearn is not CCTV or a surveillance system – it doesn't record video or audio; it captures a single image only. The single images it captures are permanently deleted every time the attendance check is complete, usually within seconds of capture.

LoopLearn is not a tracking device – it doesn't monitor or track students to assess student behaviour.

LoopLearn doesn't keep 'files' on students – it doesn't collect or store any additional information outside of attendance records.

Frequently Asked Questions:

How accurate is LoopLearn?
LoopLearn's attendance records are more accurate than those created through a manual roll call. LoopLearn will only mark a student as present if the match is certain, and the system will seek teacher validation whenever it can't match a student to the photo on file.

What data is stored to enable the identification?
LoopLearn uses student ID photos already on the school's files to automatically verify attendance, and stores numerical information to enable facial recognition. This information is linked to student ID numbers only; no identifiable data, such as student names, are stored.

Where is the data stored?
The images captured by the LoopLearn sensor are stored temporarily in a secure cloud, located on Australian servers, owned and managed privately by the school.
The numerical values used in facial recognition are stored by LoopLearn on its own secure cloud, located on Australian servers and are linked to student ID numbers. No identifiable data, such as names, are stored with this information.

How secure is the data?
LoopLearn is fully compliant with Australian privacy requirements, and the technology meets high security standards and is IRAP certified (as set by the Australian Signals Directorate).
Images captured by LoopLearn's system are held temporarily before permanent deletion. They are stored on one of the world's most trusted and secure cloud storage systems and images are matched to student ID numbers, not names – which means they are de-identified.
Student attendance records are stored on the school's own closed network and LoopLearn's Sensors will delete all data should a wall sensor device in a classroom be tampered with.

Is the data sold to third parties?
No.