

## CASE STUDY

# CENTRALIZED AND REAL-TIME STUDENT MONITORING THAT IS MAKING A DIFFERENCE

The Cassia enterprise Bluetooth Routers and IoT Access Controller (AC) are designed for deployments in schools, in both indoor and outdoor facilities. Cassia dramatically extends Bluetooth range, enables remote access and centralized control of multiple Bluetooth low energy devices at the same time. Cassia's solution does not require any changes to the Bluetooth end devices and eliminates the need for mobile phones or tablets to send data to the cloud.

### Qingdao Experimental Primary School

With seamless Bluetooth coverage and multi-device control offered by Cassia's Bluetooth Routers and AC, schools like the Qingdao Experimental Primary School can track and monitor student health and location data in real-time, all from a central location.

By capturing data simultaneously from multiple Bluetooth bracelets, the Cassia Networks Enterprise IoT suite is providing teachers with meaningful health data from students (steps, heart rate, and more). With this data, teachers can more effectively design fitness programs to better meet the needs of individual students. Gone are the days of "one-size fits all" exercise programs.



With the Cassia Bluetooth Router and Cassia IoT Access Controller, Bluetooth locationing is now a reality. Teachers and administrators can now accurately monitor the location and presence of students for improved campus management and student safety.



Qingdao Experimental Primary School Students

A physical education teacher at the school said: "Cassia Bluetooth routers can collect information fast, in real-time, and I can view dozens of student's information simultaneously, allowing me to adjust my teaching content accordingly, very convenient!"

A child at the school also said: "As students, we often compare with each other to see who has more steps each day. Our teacher also gives a reward for the best results. We now enjoy our sports lessons!"

### CASSIA UNIQUE BENEFITS FOR EDUCATION

- Seamless Bluetooth Coverage
- Remote Access and Control
- Real-Time Student Data
- Location Tracking
- Easy Deployment and Management
- Simple (SDK) Integration

*Come visit Cassia Networks at Bluetooth World in Santa Clara, CA Mar. 28-29, booth #1*