M S S SYSTEM

My Smart School

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The Significance of Implementing a Smart School Project

1. Enhances the comprehensive technical defense capabilities for school and school bus safety.
2. Improves the level of informatized school management.
3. Encourages parents to participate in supervising students' learning and personal safety.
4. Greatly strengthens mutual communication and interaction between the school and parents.
5. Boosts the school's image and brand while improving teaching and management efficiency.
6. Responds to the Ministry of Education's call to build safe and smart campuses.

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Attendance

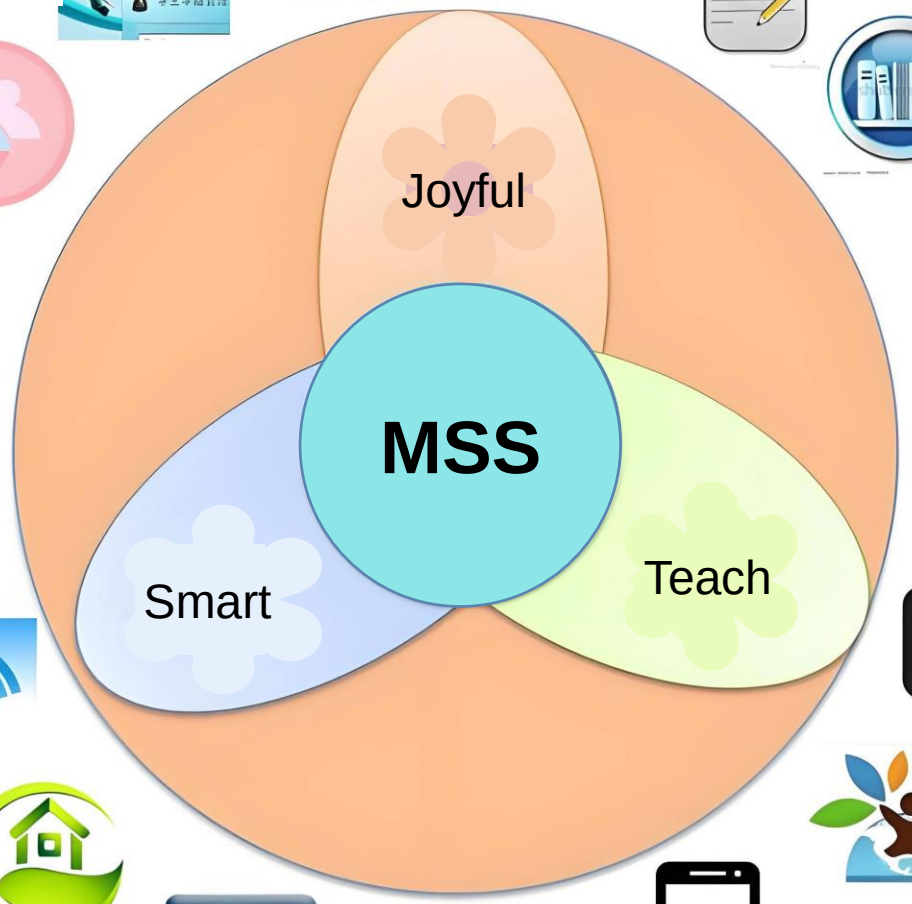
Internet + Tutorial Classroom

Student Management System

Performance Analysis System

Comprehensive Quality Evaluation System

Library Management System



Asset Management System

Teacher Administrative Reminder and Performance Evaluation System

Security System

Online Grading System

Wireless Network Coverage

Interactive Whiteboard

School Website

Teacher Training Platform

OA Office

Home-School Interaction

Official Account

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Students in school for a day

➢ Bus ➢ Attendance ➢ Access Control ➢ Classroom Interaction

Go to School

Enter School

School Gate Monitor and Registration

Interactive AIO

Digital

Micro-Lecture

Digital Classroom Display

Recess

➢ View Messages
➢ VC to Parents

Lunch

➢ Recharge card

Management

➢ School Spirit
➢ Leave Application

Library

➢ Book Leading

After School

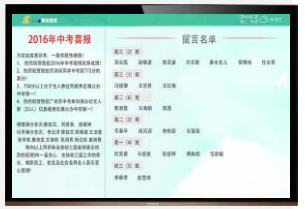
➢ Attendance

Homework

➢ Done Homework
➢ Class Preparation

Online Meeting

E-ID Card


LED Screen

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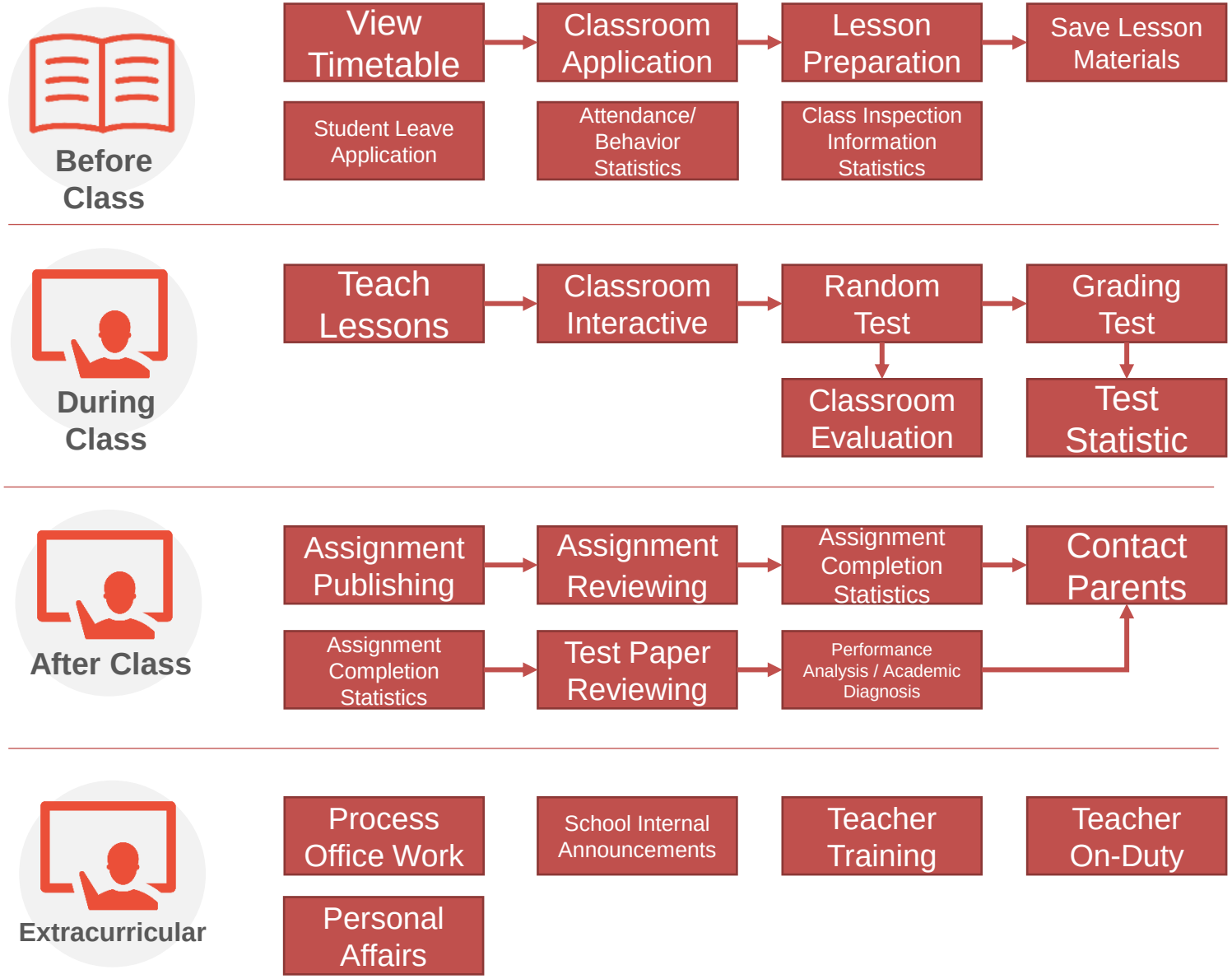
Daily Activities of Teachers at School



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Primary School VS Junior High School

Core Elements of Primary School

- Using data from hardware and application platforms, we can create a comprehensive growth profile to drive school development towards specific goals
- Data-driven insights from smart school scenarios and big data enable us to identify students' knowledge deficiencies and interests, facilitating the tailoring of daily teaching services.
- A more effective home-school communication network

Three Important Phase：

- Basic infrastructure phase
- Teaching application coverage phase
- Data-driven phase for informed decision-making

Core Elements of Junior High School

- By leveraging information technology and big data analytics, we aim to elevate the overall quality of education by focusing on both teaching and learning.
- Focusing on academic performance, we utilize data mining in smart school to conduct diagnosis and reduce the workload for both teachers and students.
- Implementing a systematic approach to teaching by guided learning, lesson preparation, teaching, assignments, exams, and evaluation.

Three Important Phase：

- Implementing fundamental teaching applications
- Integrating technology across the entire teaching process
- Data-driven decision-making for comprehensive educational improvement

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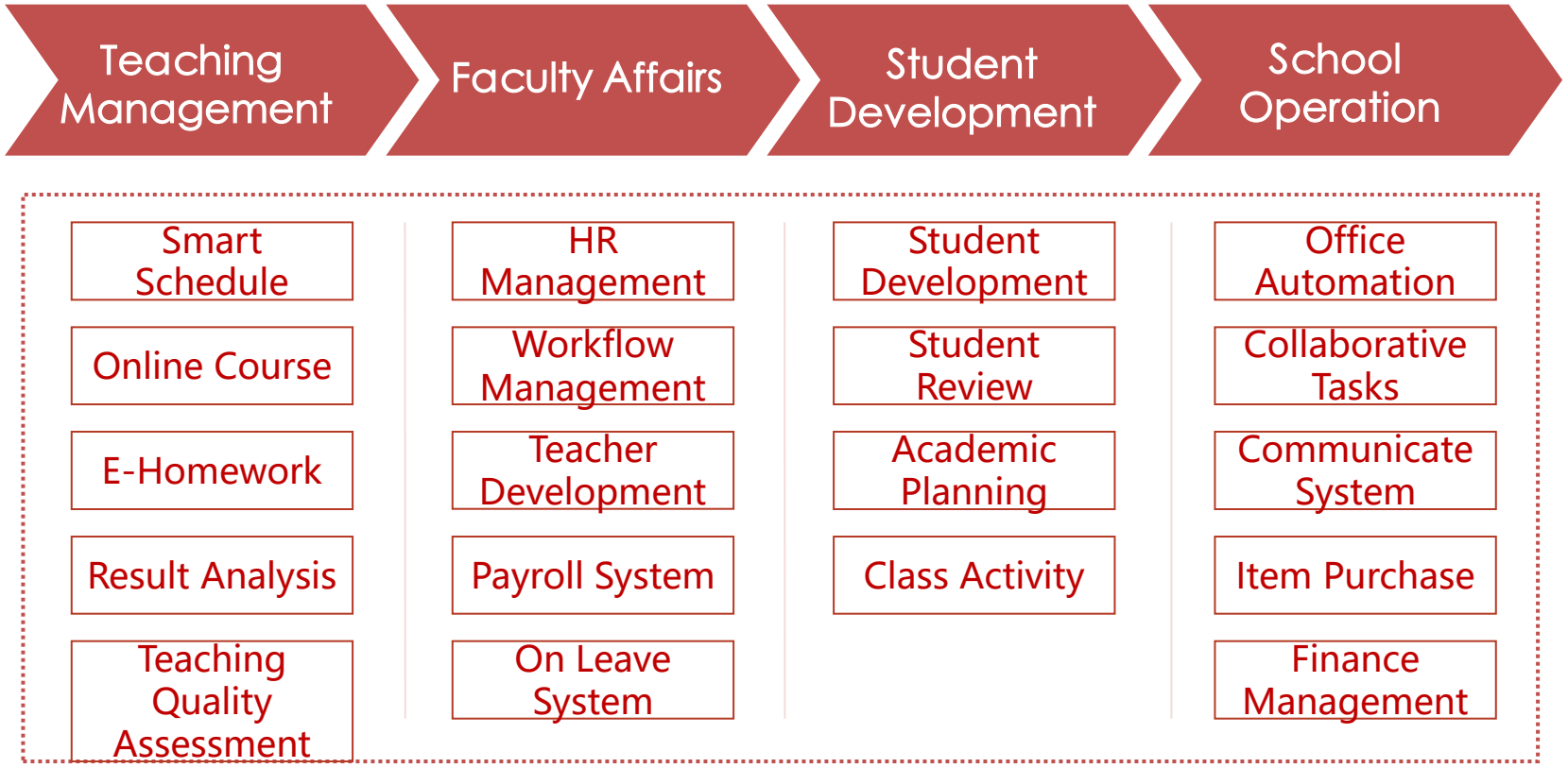
Smart Management

By integrating four management sub-platforms and nineteen application systems, we can cover all aspects of school teaching, office work, administration, and student life to enhance the overall management capabilities of the school.



Platform Overview

The "Digital School" service is a professional operation-level digital school service support management cloud platform provided by Netview for operators. It uses the Internet and 5G technology, real-time video monitoring, campus card (attendance access control, card swiping and photo taking), safe school bus, home-school interaction, family phone, APP interactive functions, and uses the Internet, mobile informatization, 5G and other high-tech technologies to provide departments, schools, and parents at all levels with an effective tool for safety management, home-school interaction, and mutual learning. It provides a system service platform for safety management and home-school interaction for primary and secondary schools, kindergartens, and parents.

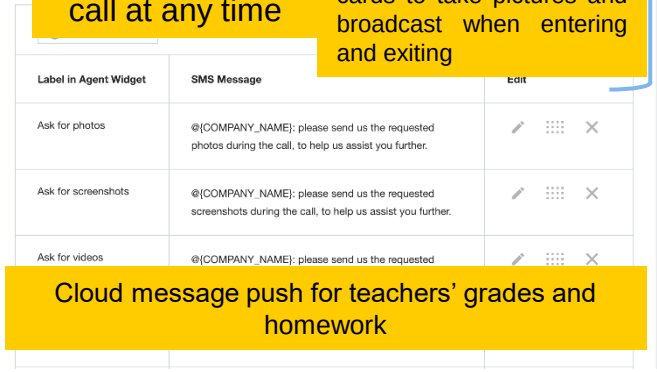
School

Cameras in classrooms

School video surveillance room

Make a **family** call at at any time

Parents/children swipe cards to take pictures and broadcast when entering and exiting



Cloud message push for teachers' grades and homework

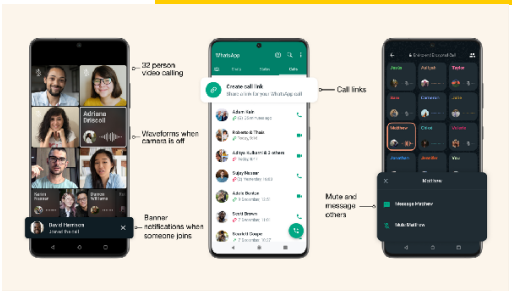
Platform and network transmission

Digital School Platform

User (Parent)

Parents APP real-time video broadcast

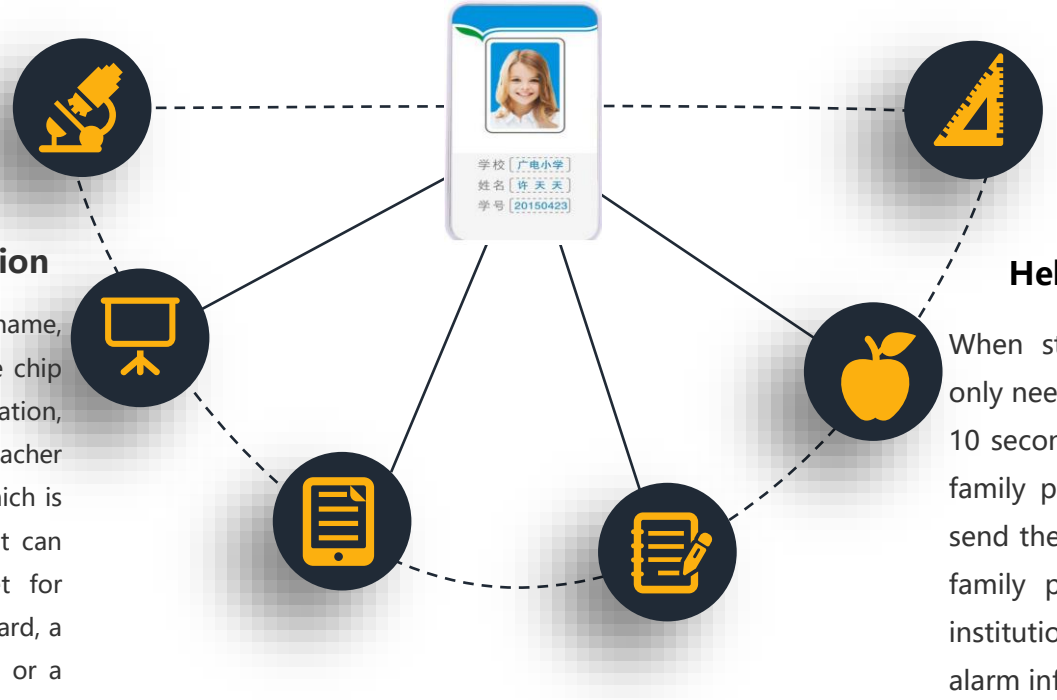
APP to follow school announcements, notifications, card swipe photos, and safety text messages



Parents can have parent-child phone calls with their children at any time

Whatsapp push and query functions for teachers and parents

Student Locator System



Safe positioning query function

Parents or teachers can instantly query students' location information through the system platform, WeChat, or APP client.

Smart card management function

The student card contains the student's name, class, photo and other valid information. The chip can store the student's academic information, family information, previous test scores, teacher comments and other archival information, which is convenient for school digital management. It can be used as an electronic admission ticket for examinations, a canteen meal card, a library card, a school consumption card, a school bus card or a bus card, etc., to achieve a one-card system inside and outside the campus.

Campus attendance function

Rapid RFID card reading induction technology, contactless long-distance identification, when students enter and leave the school, parents will receive synchronized entry and exit information.

Activity track query function

Replay and query the student's activity track to understand the user's activity track over a period of time.

Help function (SOS)

When students encounter an emergency, they only need to press the emergency help button for 10 seconds, and the device will promptly call the family phone number until it is connected, and send the user's alarm location information to the family phone number. At the same time, the institution supervision platform will display an alarm information prompt.

Electronic fence function

Set the scope of permitted activities for your child, such as leaving school during school hours, and the school will receive alarm information.

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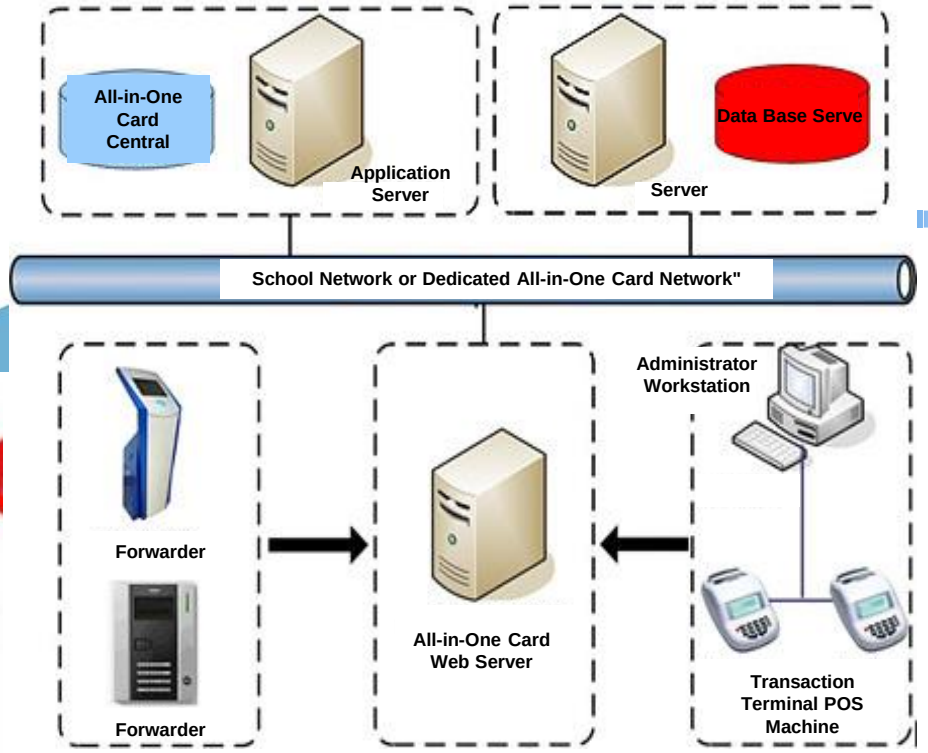
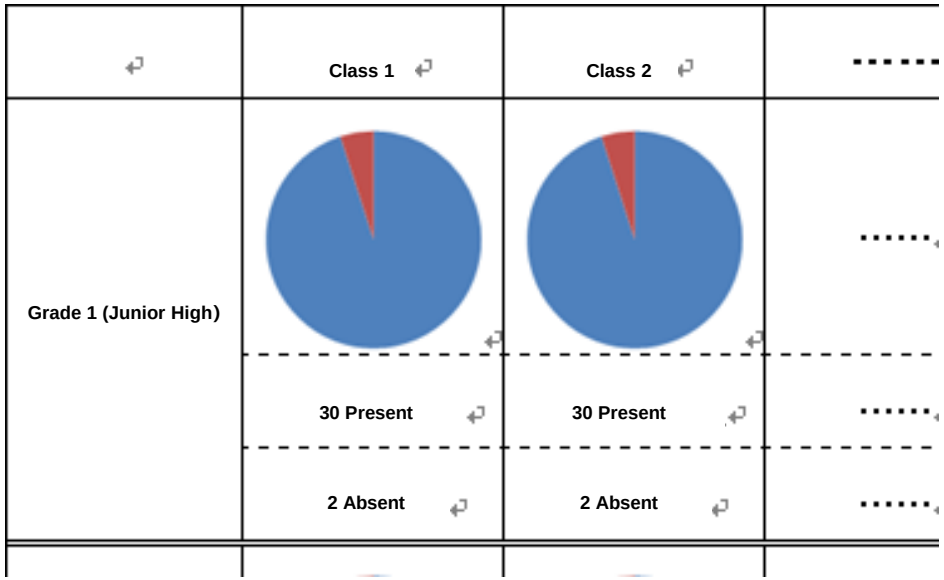
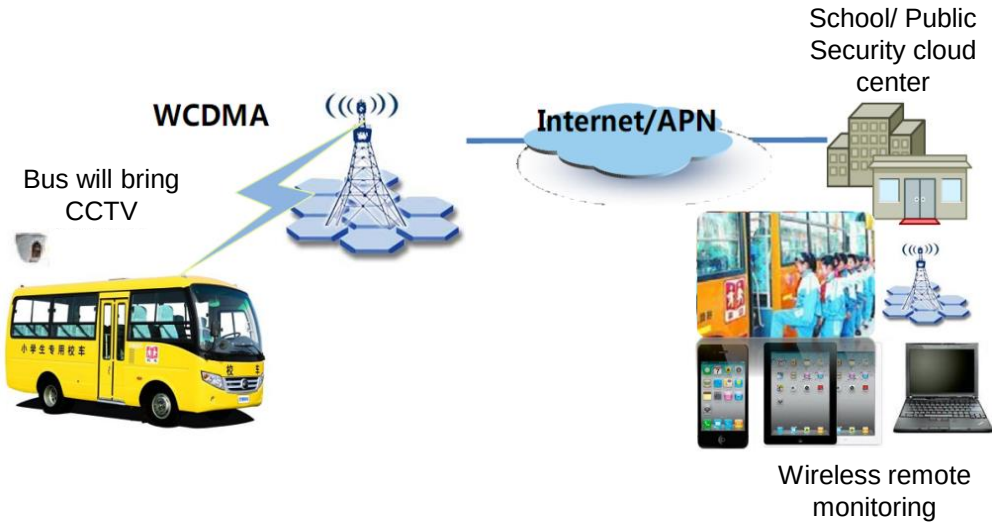
School Comprehensive Platform-Campus Card

The school card uses RFID technology to enable teachers and students to perform operations such as identity recognition, access control, attendance, internal consumption, meeting sign-in, computer access and Internet access in public computer rooms, and borrowing and returning books from the library.



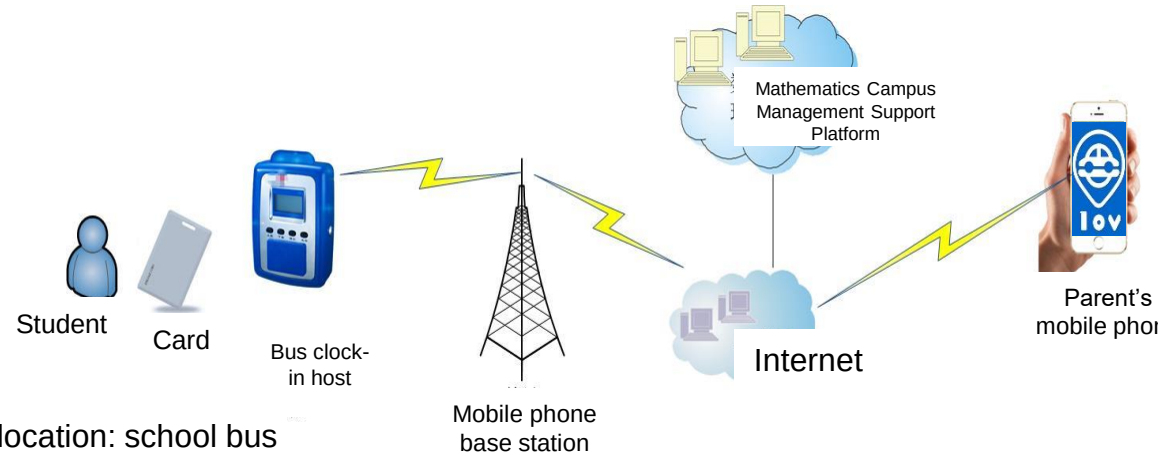


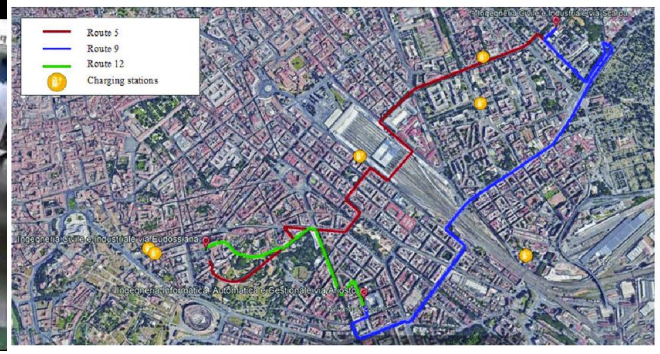
School bus safety



School bus remote monitoring

School bus attendance





APP remote video broadcast, location check, speed measurement, track check

Installation location: school bus
Connection method: 5G SIM card
Features: voice and non-voice, voice can broadcast "Good morning, kids", other times "Goodbye, kids"
Card type: voice version IC card, non-voice version ID card

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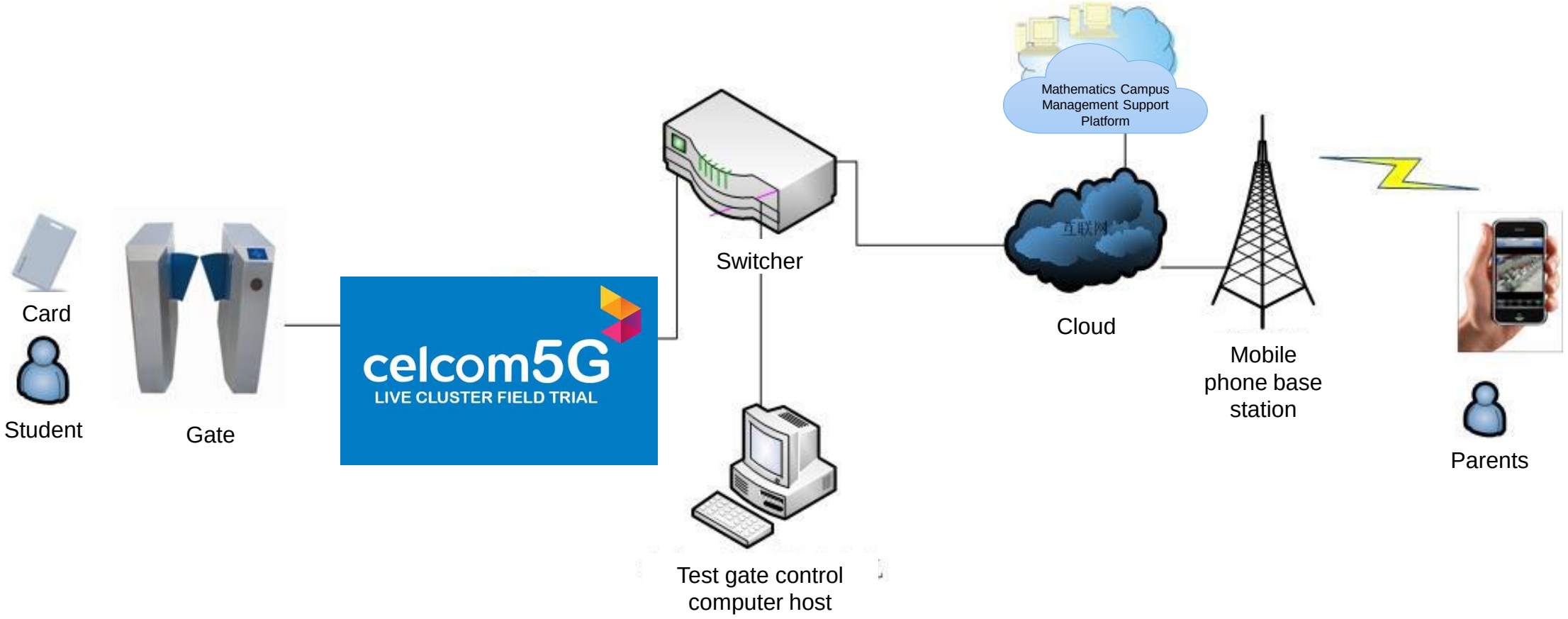
Electronic gate access control attendance

Features: One card per person, access control by swiping the card, safe and reliable



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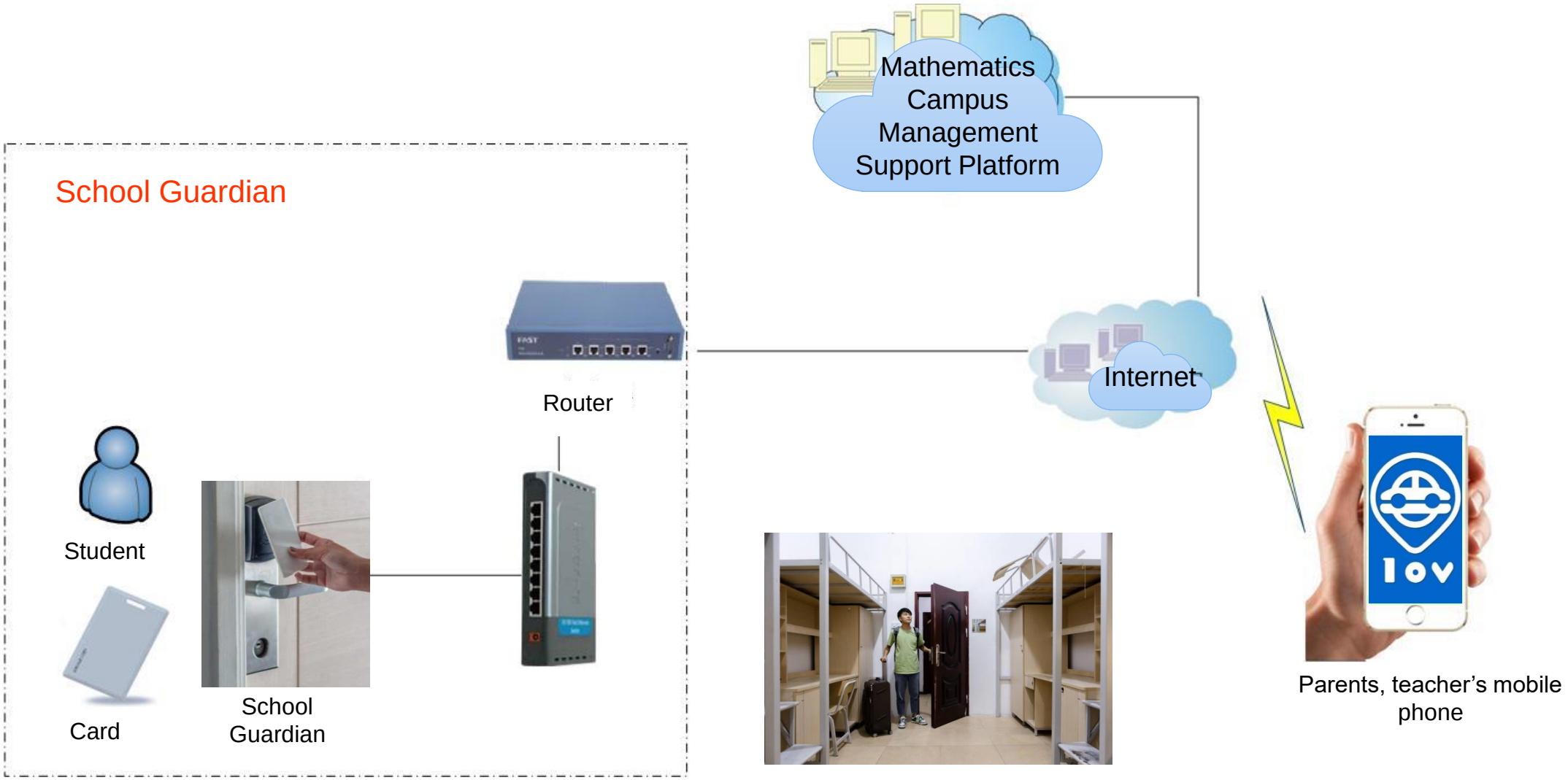
Advantages: Identity recognition, card swiping and attendance taking photos, safe and considerate



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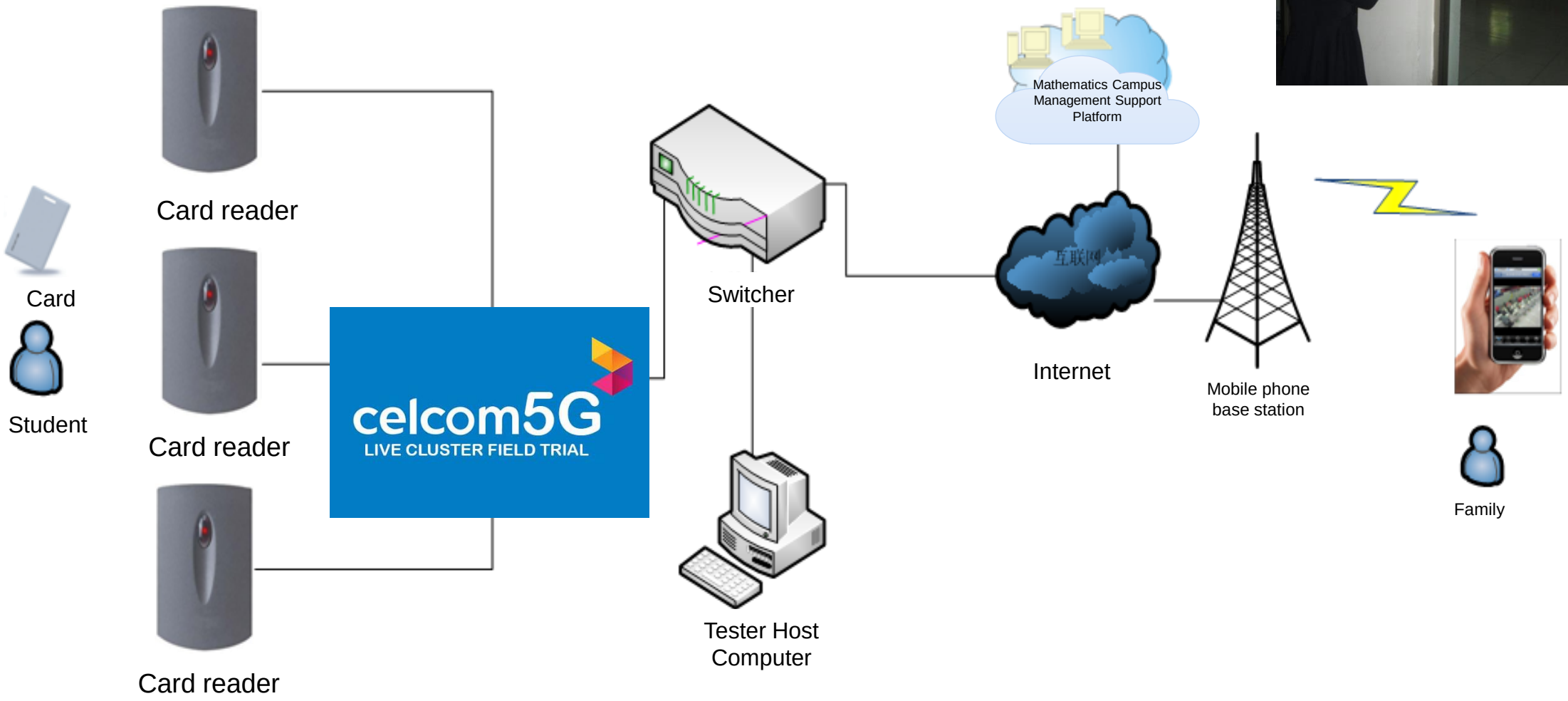
Dormitory access card

Dormitory access card



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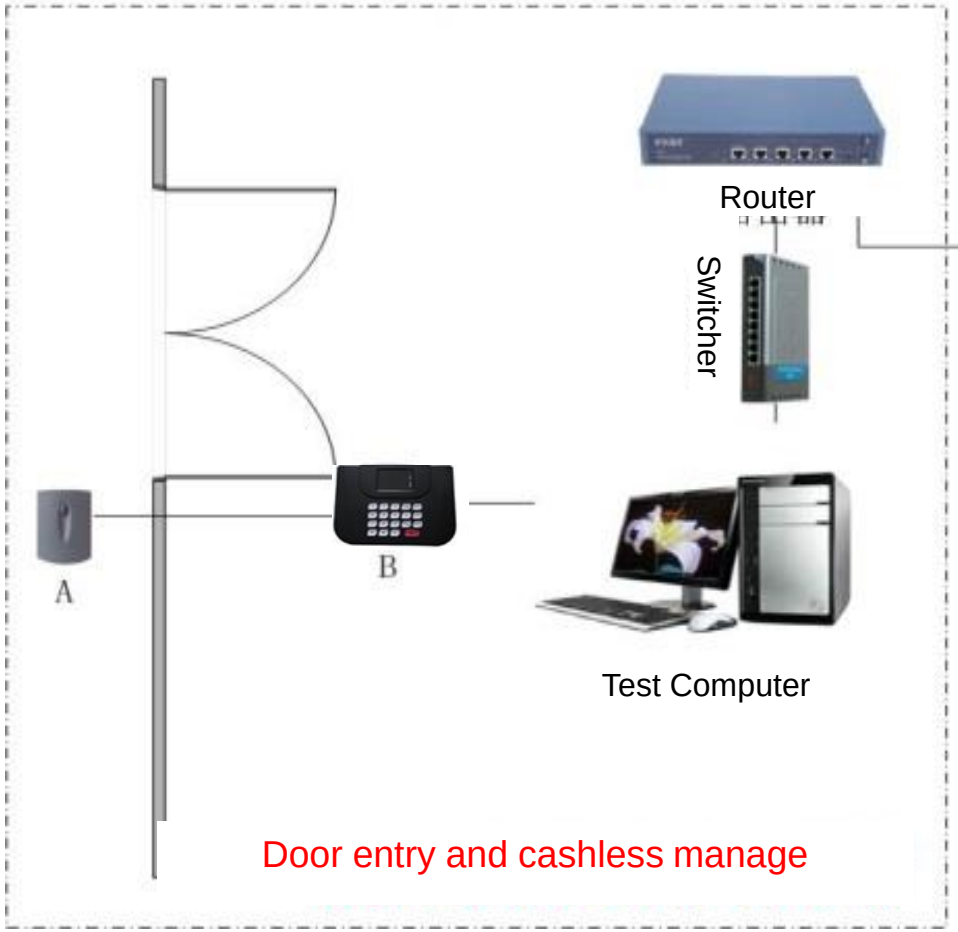
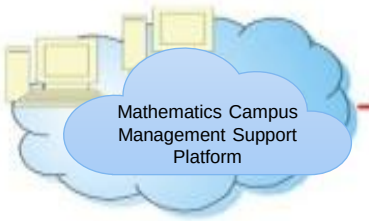
Library & CoopMart

Advantages: barrier-free portable card swiping, with a mechanism to determine whether students to borrow book and by thing at CoopMart





Education Bureau Monitoring Computer

Internet Dedicated Line

Router

Parents, teacher's mobile phone

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Canteen Consumption

Advantages: barrier-free portable card swiping, with a mechanism pay the fee for food

Database Server

Workbench

Card issuer

Printer

User top-up device

System Management Center

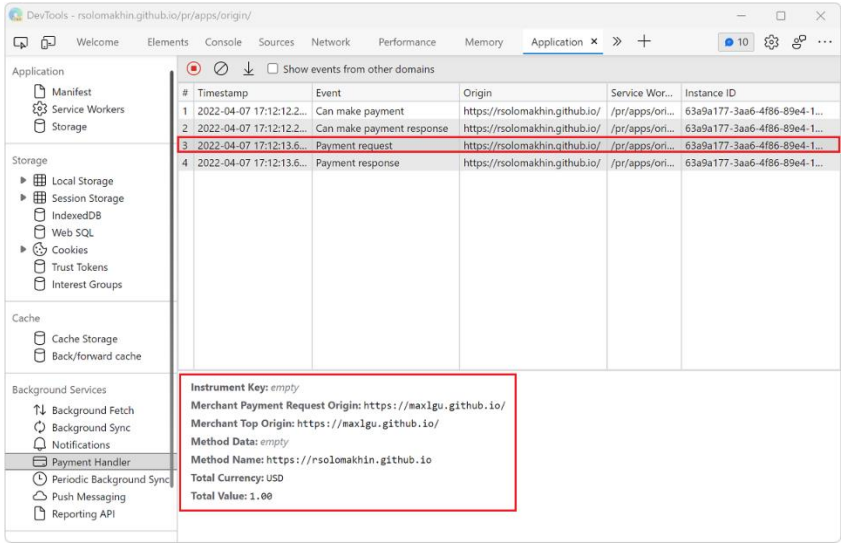
Communication Line

celcom5G
LIVE CLUSTER FIELD TRIAL

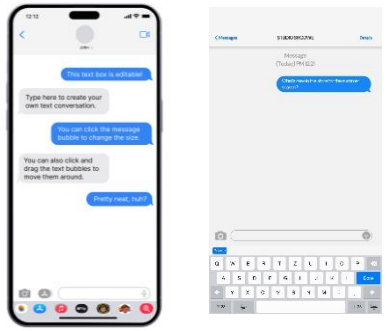
Converter

Home-school interaction (APP, webpage, SMS and other interactive methods)

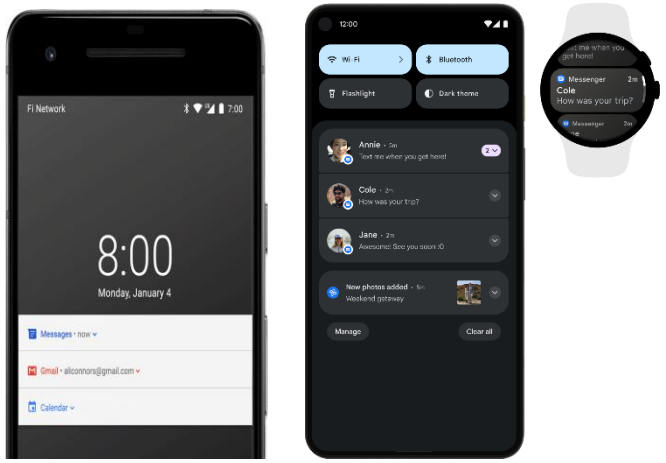
Teachers and parents can actively check school announcements, notifications (homework, grade notifications) and safety text messages pushed by the cloud platform through various channels such as the "Digital School" mobile APP.



View notification information on the Web platform

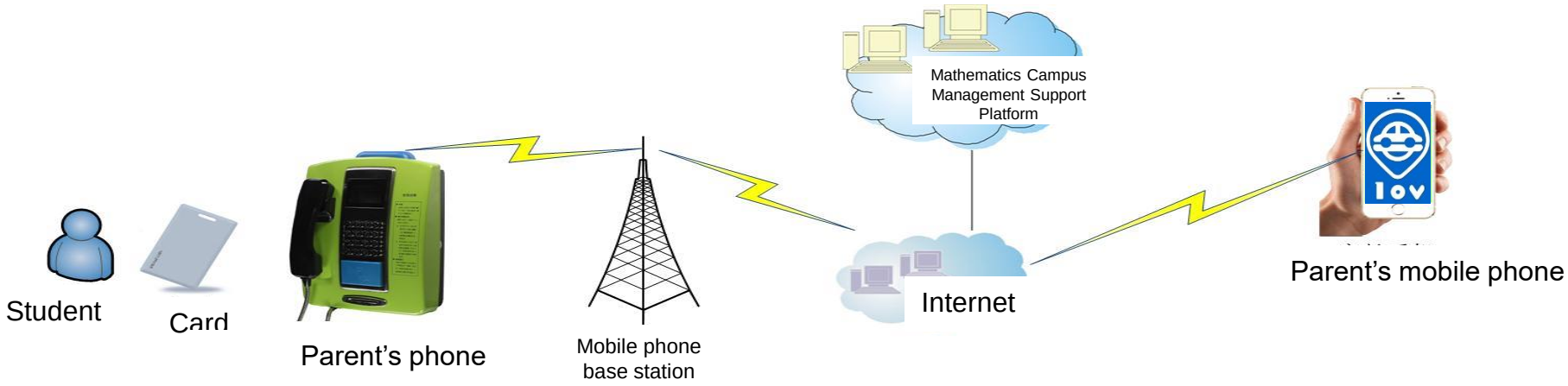


Mobile client sends SMS and checks information



View notification information on the public screen

Family Phone



Installation method: Install the phone on the wall, insert the SIM card, and plug in the power supply

Networking method: Insert the SIM card into the phone and connect to the digital school platform of the Internet through 5G.

Installation location: Classroom entrance, canteen, dormitory entrance, corridor

Dialing method: You can use the card swipe dialing method or the card insertion dialing method

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Three-in-one card (composite ID/IC, SIM, 2.4G active Bluetooth)

Card dialing method:

Off-hook → Use up and down keys to select a phone number → Click ok → Start a voice call

Note: You can call the free mobile phone number

Card dialing method:

Insert the 3-in-1 card → Off-hook → Dial phone number → Start a voice call

Note: You can call any mobile phone number

Digital School Project Investment Interface

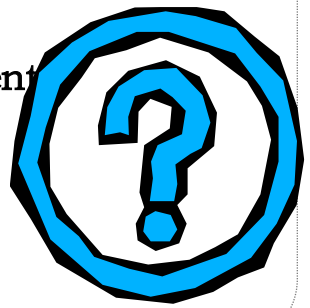
Platform Investment

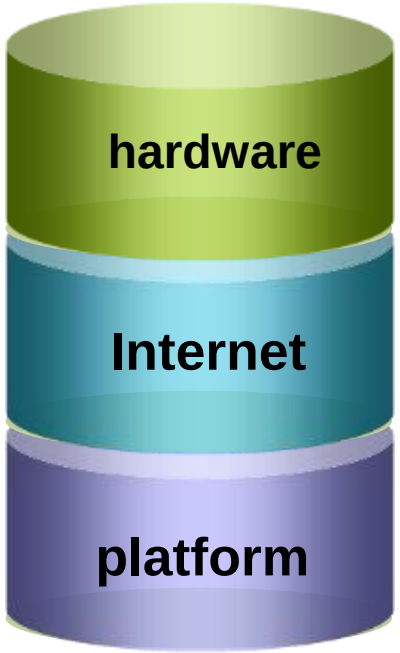
■The builder provides the digital school platform and is responsible for the platform system and its updates, operations and maintenance.

Hardware Investment

■School monitoring hardware investment: mainly for cameras, card equipment, family telephones, etc., there are three sources to choose from:

- ➢School’s own investment
- ➢Operator’s investment
- ➢Third-party investment





Network Investment

■Scholl fiber optic access:
■School self-investment
■Carrier investment/lease

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