Intelligent School Bus Platform

Zhongtong Bus

CONTENTS

01 Introduction

02 Contents

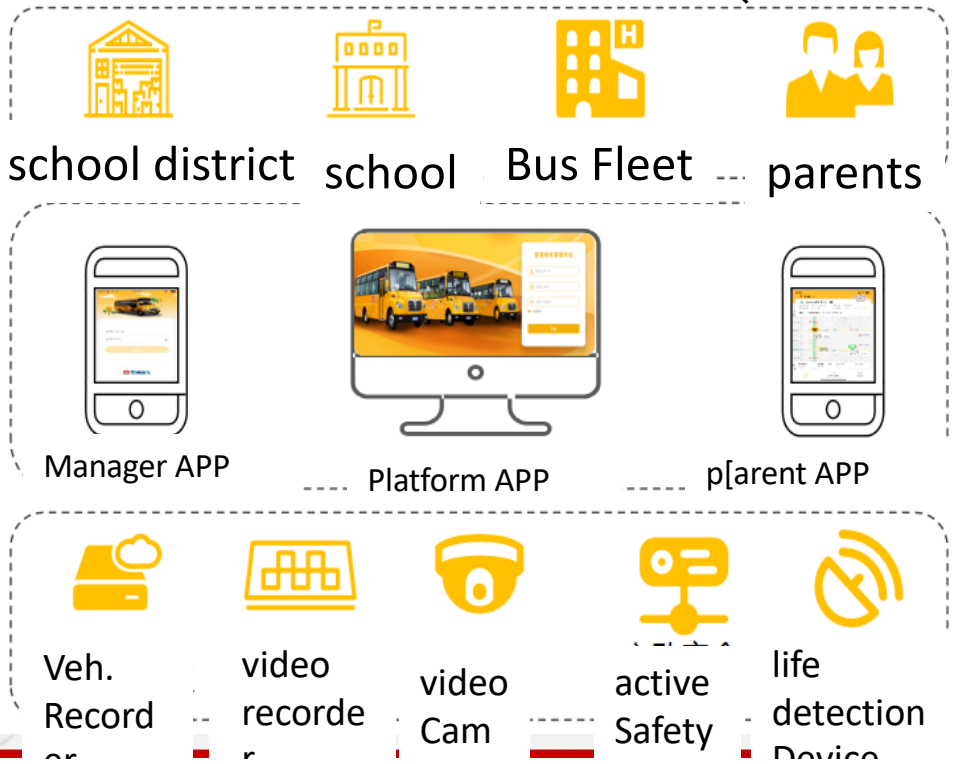
03 Hightlights

04 Values

01 Introduction

Platform Intro

By Regulations 、school、and parents demands，Using Uniform intelligent school bus platform ，provide the vehicle real time monitoring、in-vehicle video real time monitoring、driving behavior monitoring、on-off bus status information transmission、stay vehicle monitoring etc.，ensure multi-channel communication、realize school bus safety、ensure students safety



Scenario characteristics

1、face recognition、substitute card scanning 、student ca scanning, 3 id checks，accurately knowing students on and off bus information；

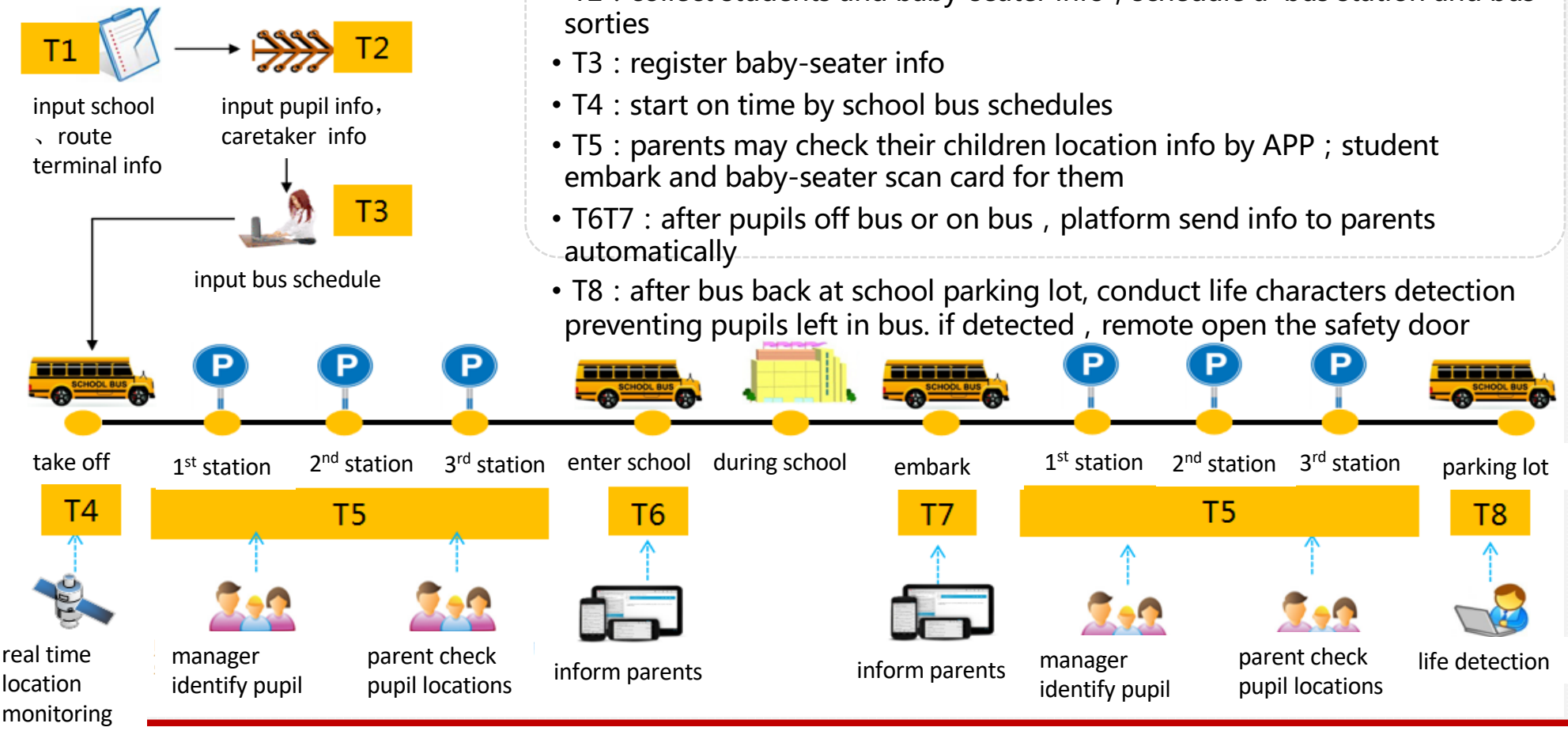
2、APP inquiry and info transmission，check the real time status for students and vehicle locations at any time, anywhere；

3、Inside and outside HD video, multiple angles, monitor in vehicle status and driver’s behaviors；

4、when bus is locked, in-vehicle millimeter grade radar automatically check if there is a student left in bus。

Platform Operating procedure

- T1：register bus route and station information
- T2：collect students and baby-seater info，schedule a bus station and bus sorties
- T3：register baby-seater info
- T4：start on time by school bus schedules
- T5：parents may check their children location info by APP；student embark and baby-seater scan card for them
- T6T7：after pupils off bus or on bus，platform send info to parents automatically
- T8：after bus back at school parking lot, conduct life characters detection preventing pupils left in bus. if detected，remote open the safety door



02 Platform Contents

Platform Contents

中通客车 ZHONG TONG BUS

Operating Management

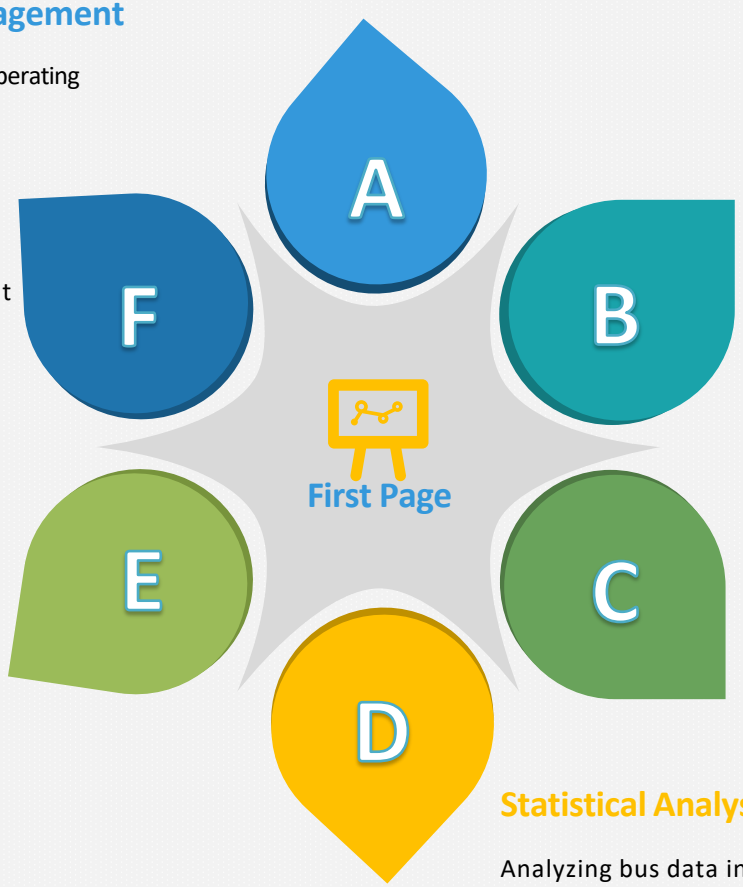
Functions needed for operating managements

System Management

Function on access management and account allocation

Pupil Record

Statistics on pupil on bus



Basic Data

Bus Brand and Pupils Card management

Bus management

Management of vehicles and terminals

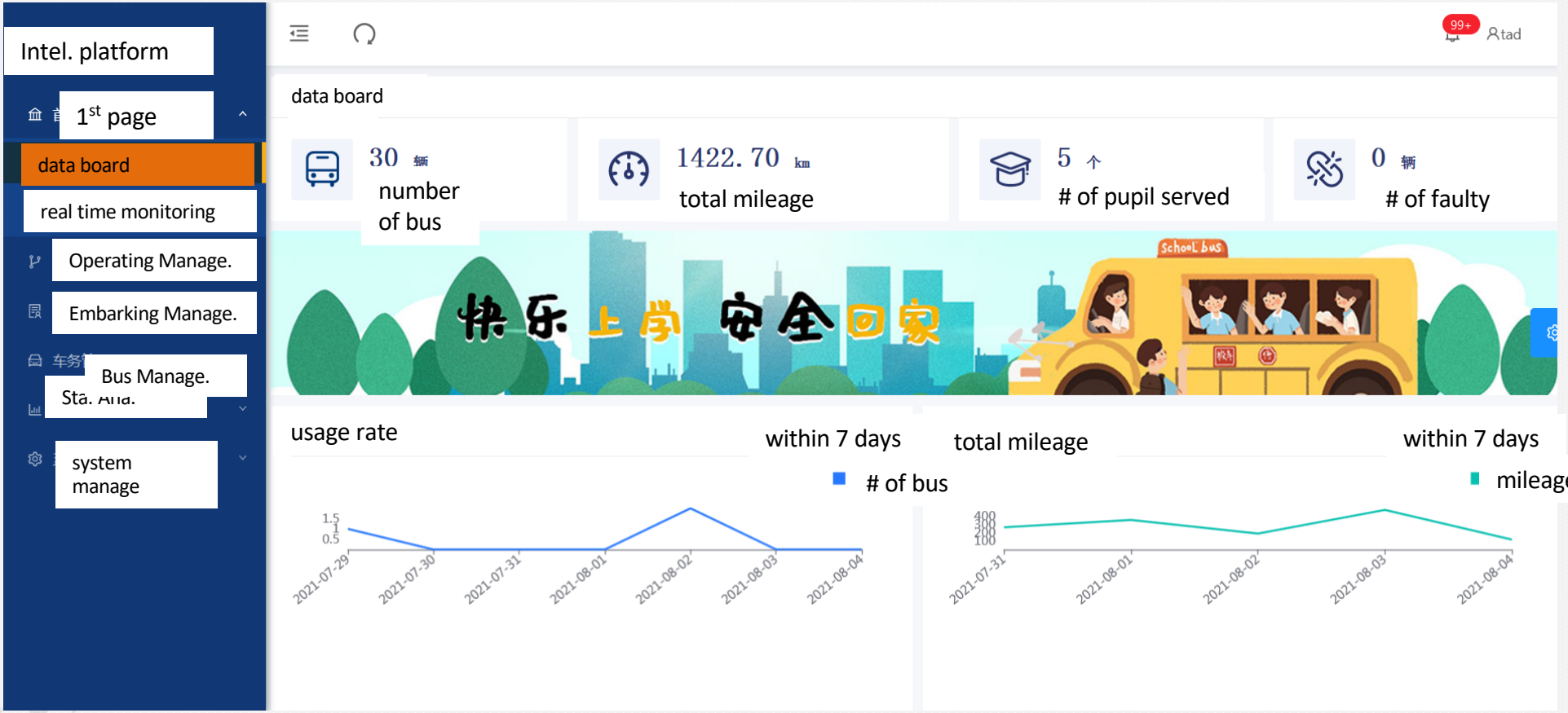
Statistical Analysis

Analyzing bus data information

03 Highlights

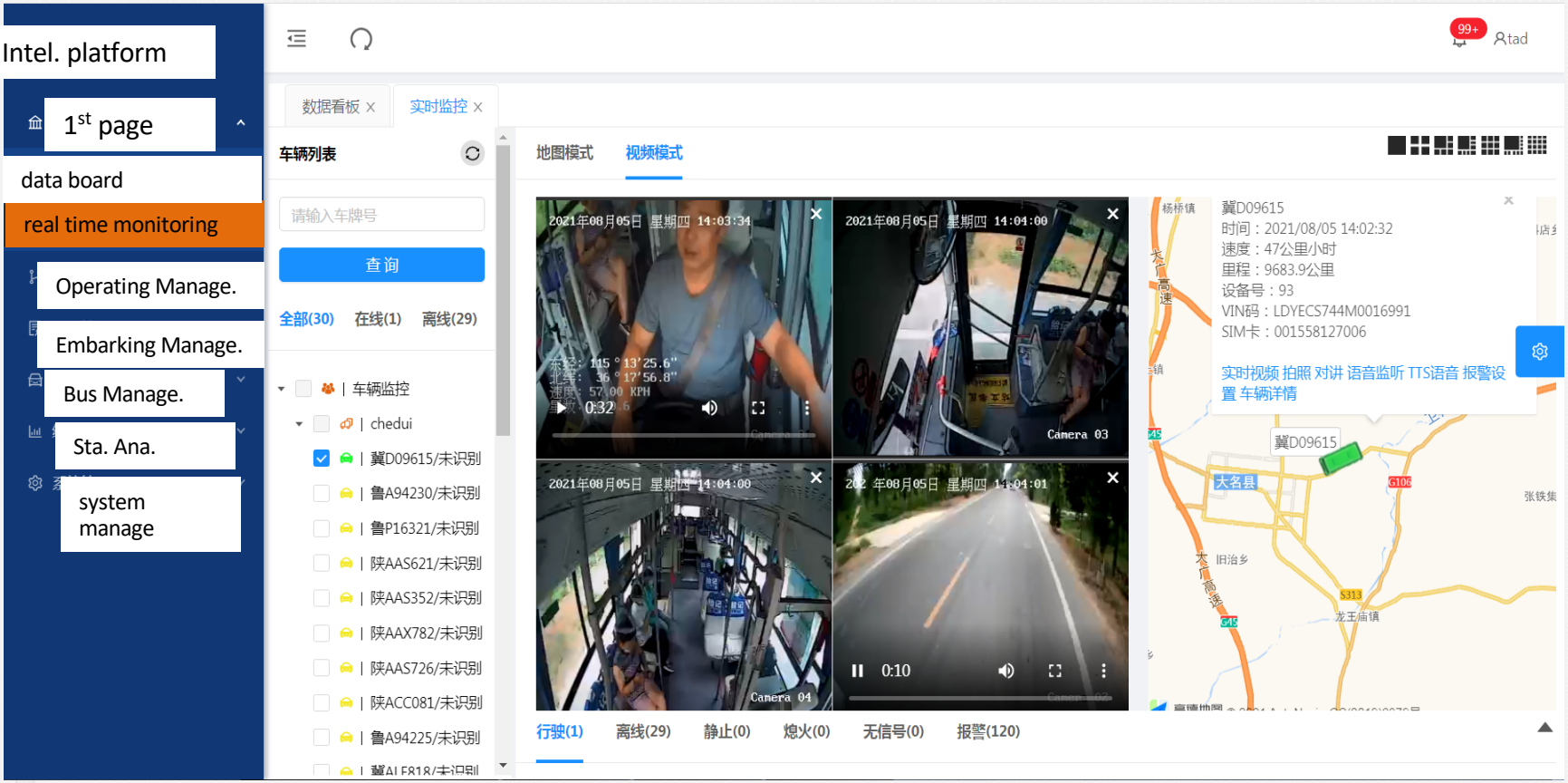
First Page Data Board

Display of Operating Situation



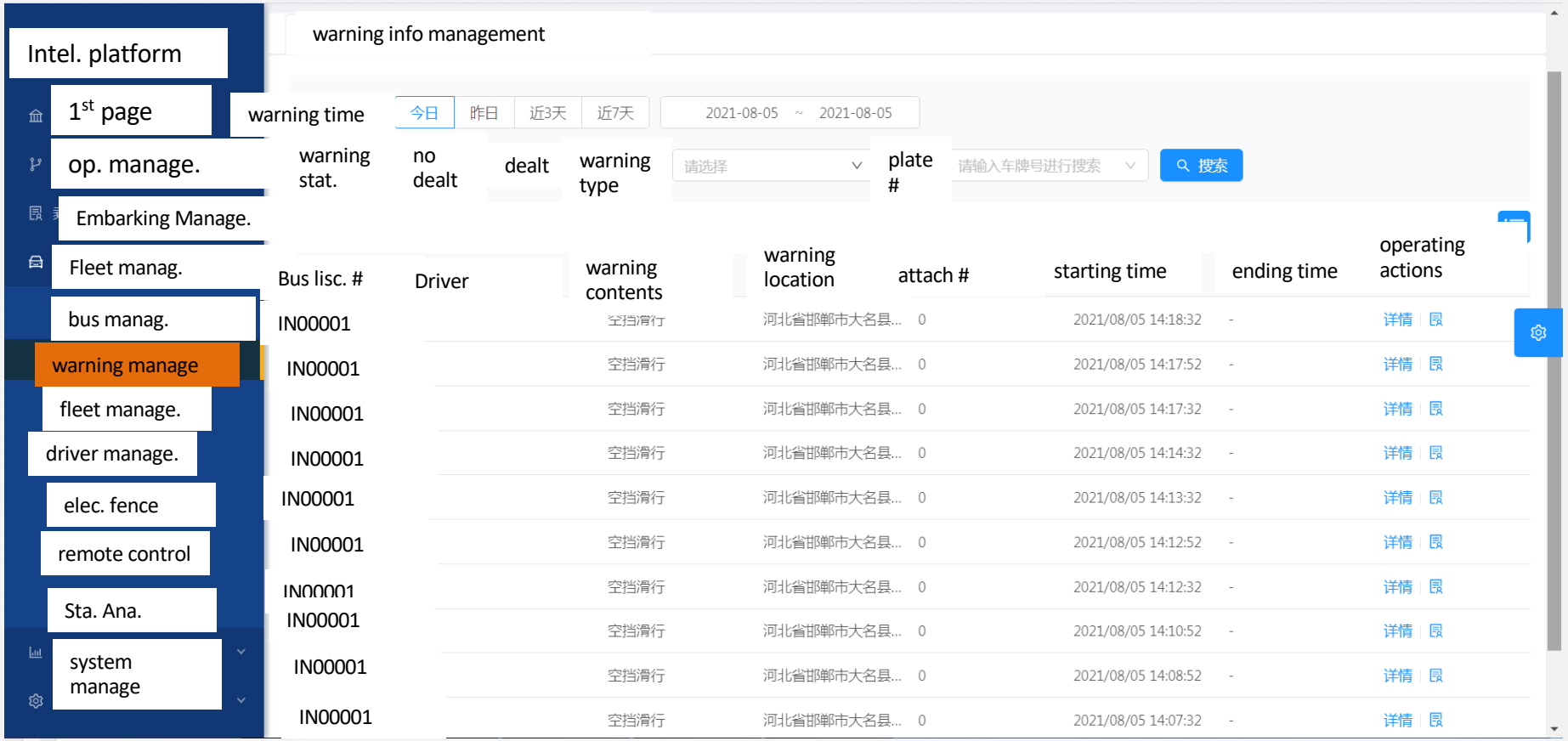
Safety Management

Video & Trajectory Real Time Monitoring、Vidoe & Trajectory History Rewind



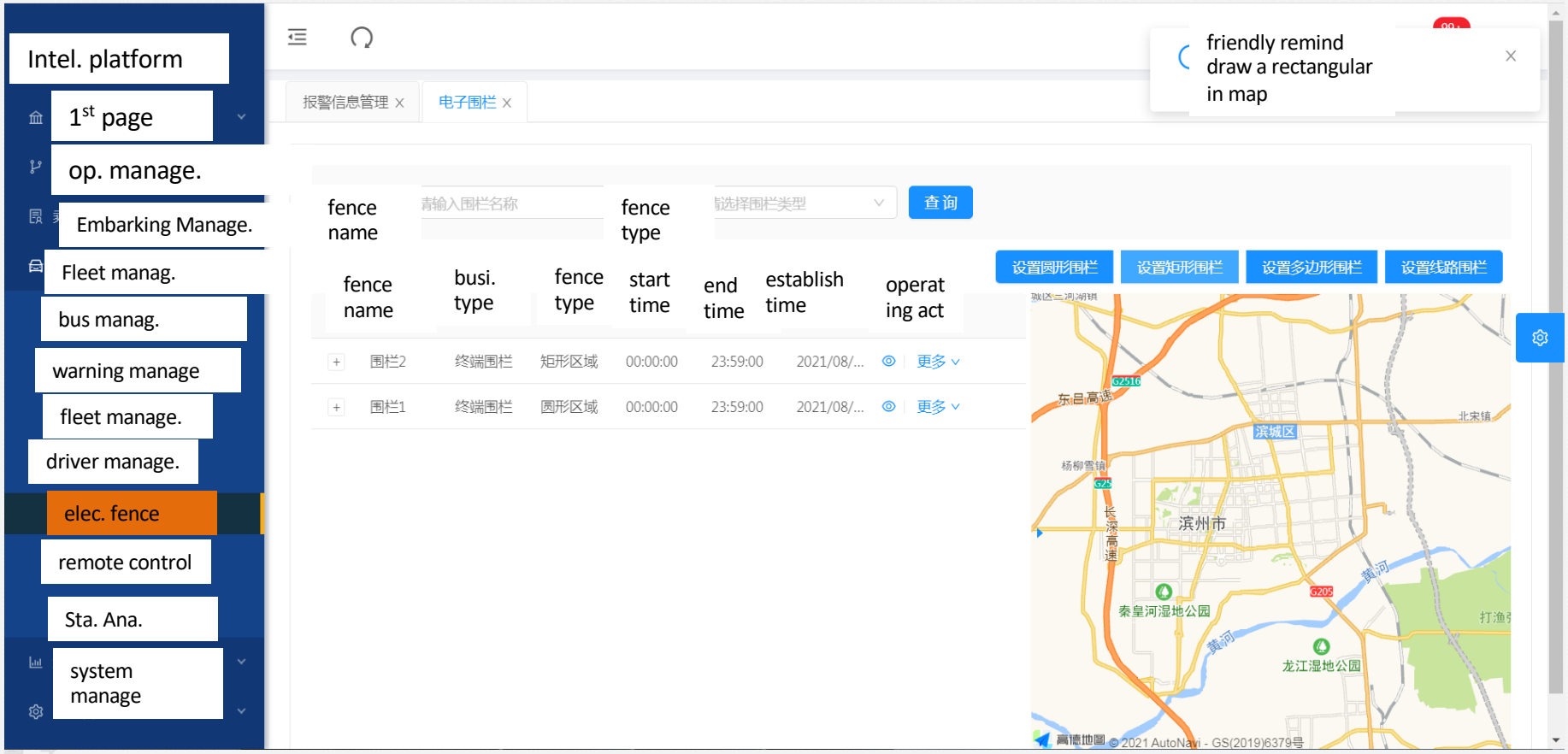
Safety Management

Vehicle Faulty Real Warning & History Warning Statistics



Safety Management

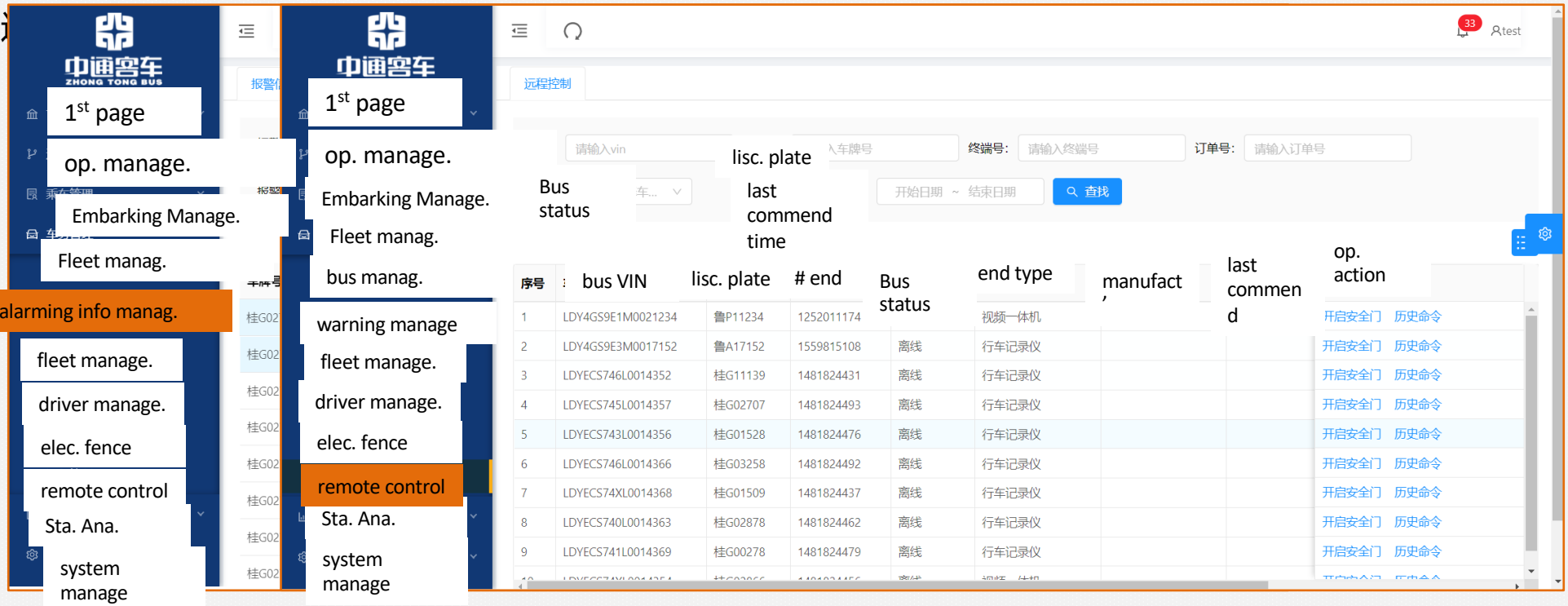
Bus Operating Zone Electronic Fence



Safety Management

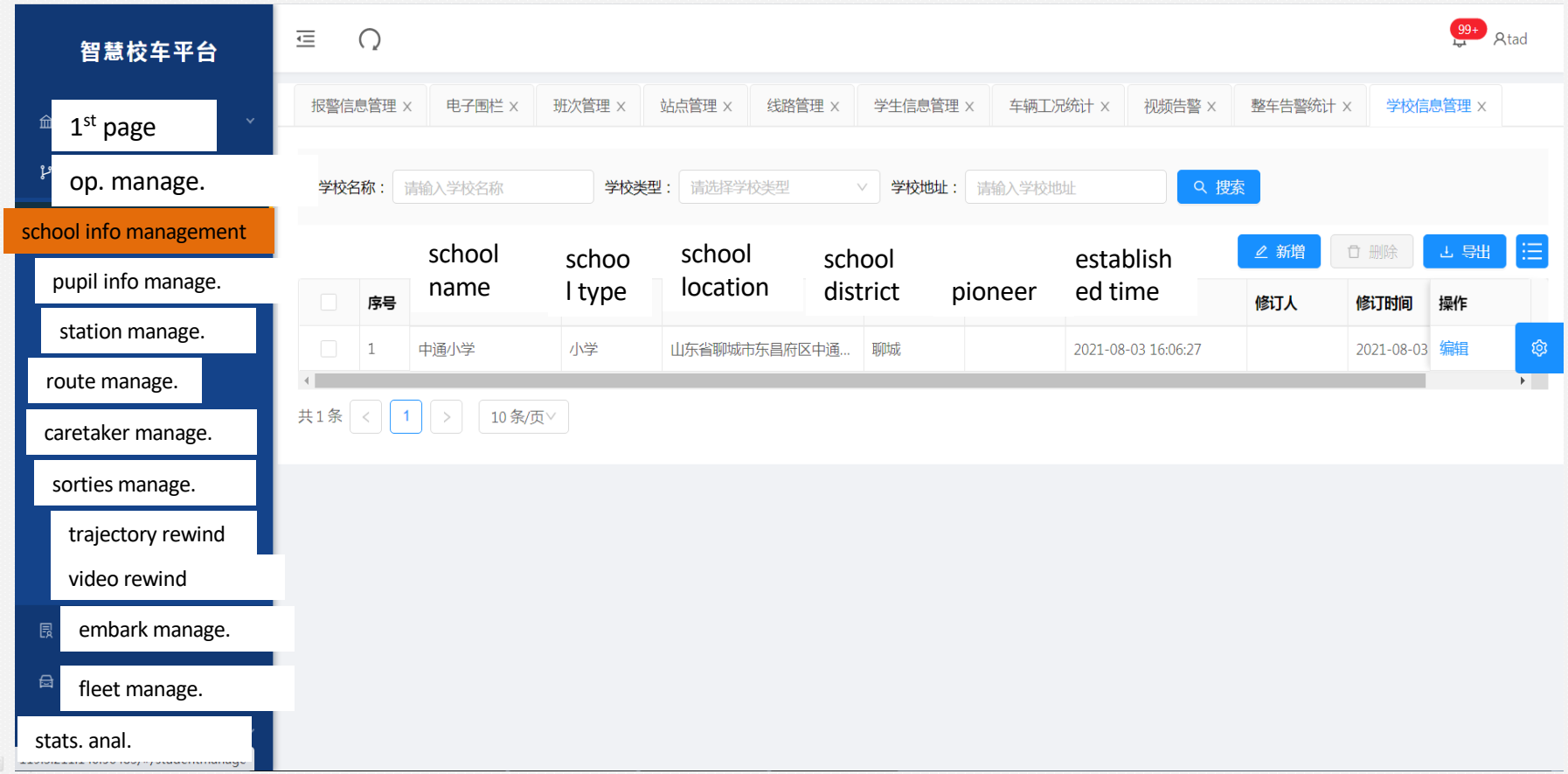
Life Safety Detection

left out pupil alarm：equipped with millimeter grade radar detection device to check if there is a pupil left out in bus，if any，inform platform，alarming。



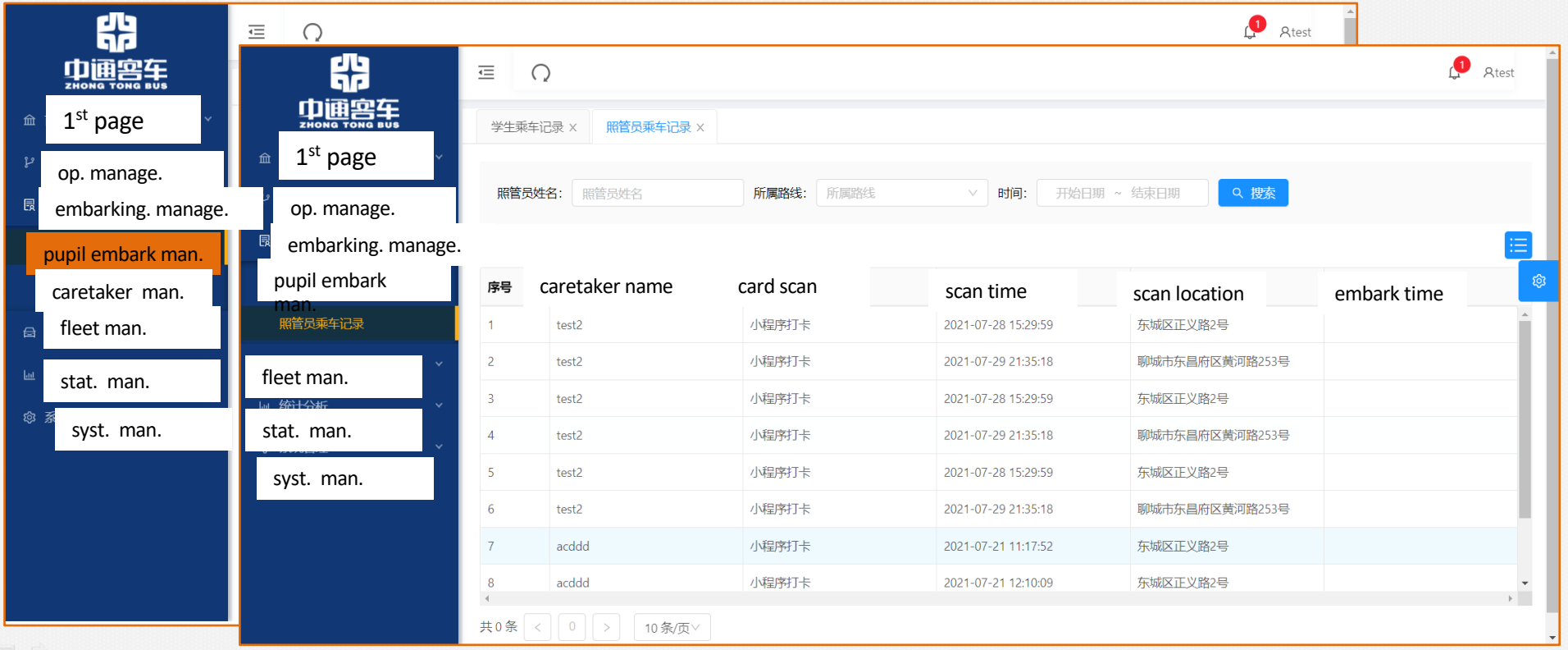
Operating Management

covering school、pupil (incl. parent) 、station、route、sorties、driver、caretaker , satisfy operating management req. by fleet company



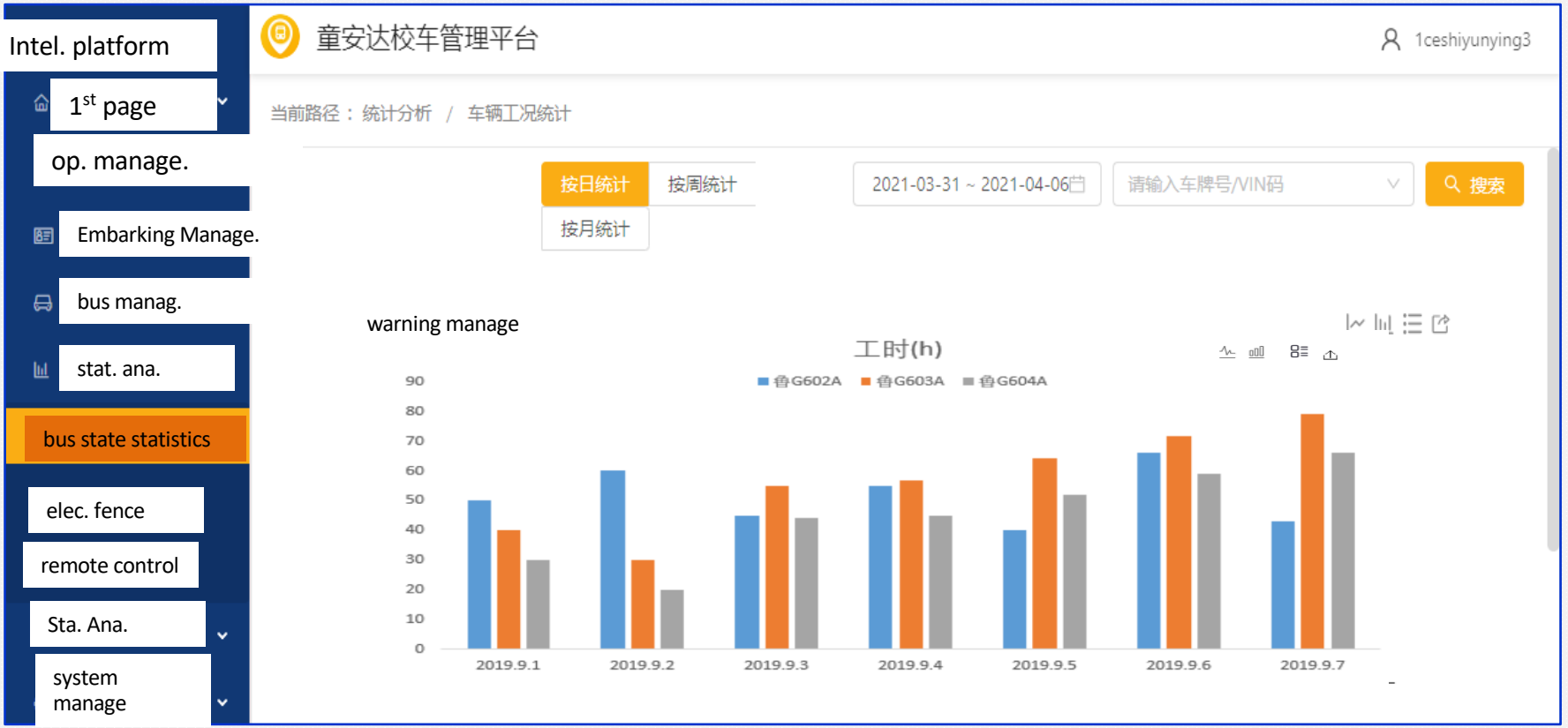
Embarking Management

打卡方式多样化：
学生打卡：人脸识别设备打卡、刷卡机打卡、照管员代打卡
照管员：小程序打卡



Statistics Report out

Statistical analysis function，statistics on bus status、video warning & bus warning info，forming graphs，intuitive。



04 Values

Value Display

01

High Safety

real time video & history monitoring、Video alarming、electronic fence alarming 、bus alar ming etc., real time monitor school bus, can be used as a base for driver’ s evaluation to enhence school bus safety

02

meet government regulations

increase school bus safety and decrease school bus accident chance , decrease the social effects of bus accidents, and satisfiy government reculations.

03

High Operation Efficiency

the platform increases the bus efficiency and increases the after-sale service efficiency via bus faulty warning and understand the bus operating situations

04

High Economy

convenience for parents to take their children by a variety of real time information for their kids on, during and off the bus.

can promote the parents’ satisfaction and confidence , and willingness of using the bus operation

中通客车
ZHONG TONG BUS

THANK YOU