

# RTP Radar Traffic Platform

## Highway Sensor

Innovative Technology, Intelligent Perception

### Platform Overview

RTP transforms radar-captured urban traffic flow into a unified data foundation that integrates **Data Management, Device Management, and Data Services**. Through full digitalization, RTP enhances data governance, delivers precise real-time road insights, and powers the next generation of traffic management—turning data into decisive action.



**Precise Perception**

**Data Sharing**

**Interconnected World**

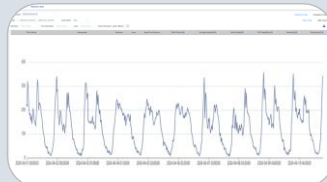
### Platform Structure

Accurate Perception · Intelligent Transportation

Scenario Applications



Urban Traffic Monitoring



Data Records



Equipment Operation & Maintenance Management

Functional Applications

Traffic Monitoring

Traffic Digital Twin

Equipment O&M Control

Data Integration & Aggregation

Data Analysis & Assessment

Data Governance

Data Cleansing

Data Processing

Data Monitoring

Data Storage

Data API Services

Data Acquisition

Four-layer Data Acquisition Framework

Pulse Data

Real-time Data

Temporary Data

Static Data

Radar Data

Video Data

MEC

Third-party Platform Data

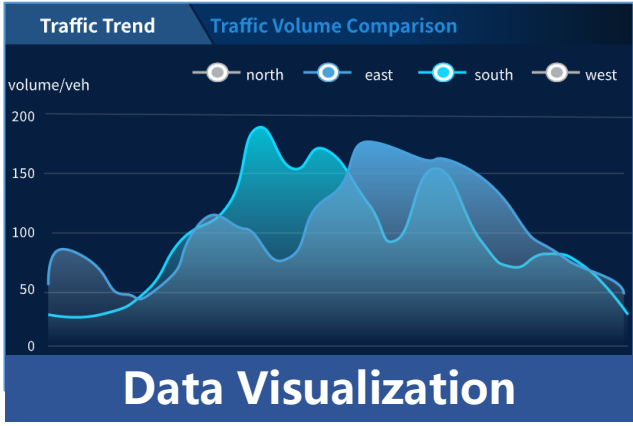
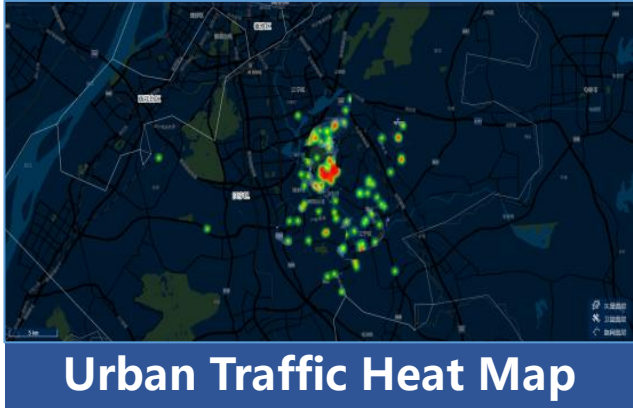
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Data Sharing · Everything Connected



Innovative Technology, Intelligent Perception

## Platform Capabilities



**Incident Handling**

**Traffic Data Records**

| Time                | Area   | Value | Color  |
|---------------------|--------|-------|--------|
| 2023-03-20 10:00:00 | Area A | 150   | Red    |
| 2023-03-20 10:05:00 | Area A | 180   | Red    |
| 2023-03-20 10:10:00 | Area A | 120   | Orange |
| 2023-03-20 10:15:00 | Area A | 160   | Red    |
| 2023-03-20 10:20:00 | Area A | 140   | Orange |
| 2023-03-20 10:25:00 | Area A | 170   | Red    |
| 2023-03-20 10:30:00 | Area A | 130   | Orange |
| 2023-03-20 10:35:00 | Area A | 190   | Red    |
| 2023-03-20 10:40:00 | Area A | 110   | Orange |
| 2023-03-20 10:45:00 | Area A | 160   | Red    |
| 2023-03-20 10:50:00 | Area A | 140   | Orange |
| 2023-03-20 10:55:00 | Area A | 170   | Red    |
| 2023-03-20 11:00:00 | Area A | 150   | Red    |

