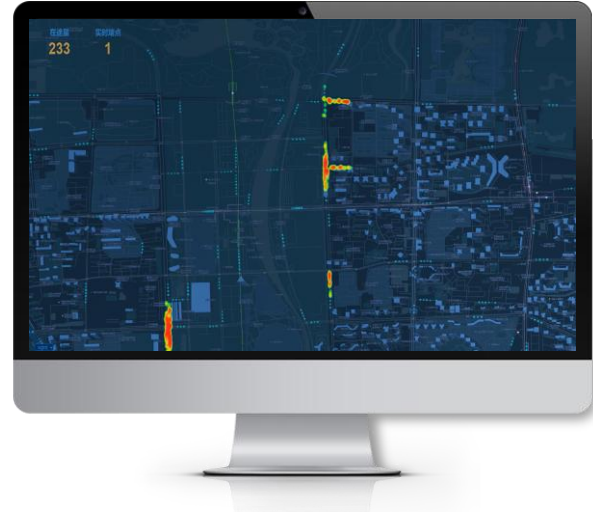


INTERSECTION SENSOR

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

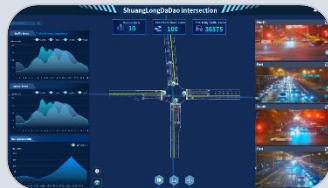
Data Sharing

Interconnected World

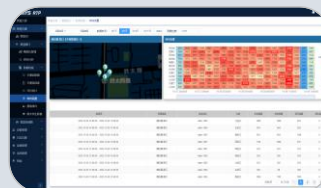
Platform Structure

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

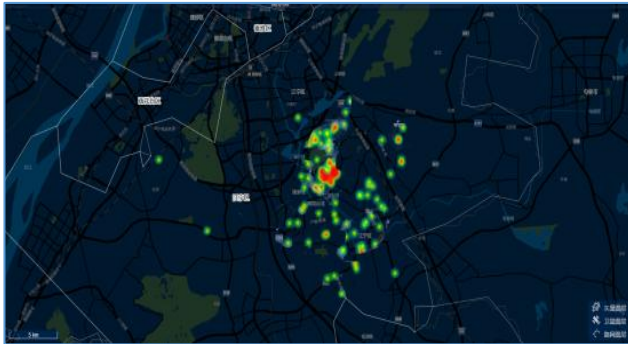
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Data Sharing · Everything Connected



Innovative Technology, Intelligent Perception

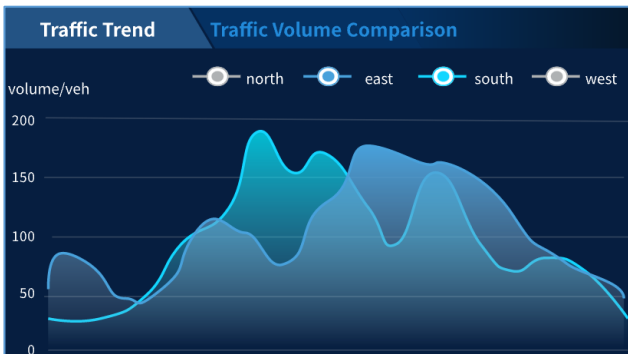
Platform Capabilities



Urban Traffic Heat Map



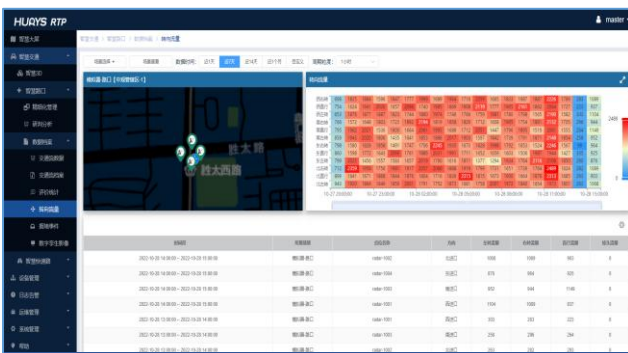
Intersection Visualization



Data Visualization



Comparative Data Analysis



Traffic Data Records



Device Monitoring

