

*Accelerating* **SMART**

*NTT Corporation / Smart World Team*

**Smart City and Beyond**

# NTT's Smart City Solution in Las Vegas improves the City's response time to incidents



External Data Sources

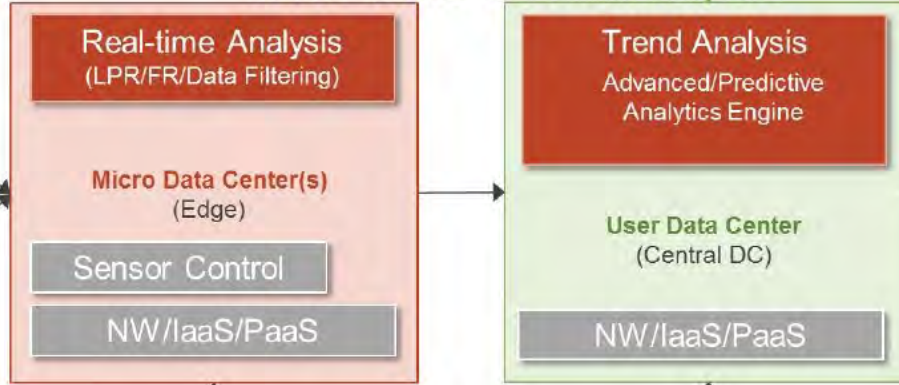
- Vehicle Watch List
- Crime Data
- Wanted List
- Event Data
- Weather Data
- Negative Social Media



Authorities (e.g. Police Station Dispatch)

Appropriate action for crime prevention/public safety

## Real-time Coordination



IoT Sensors



Street/Event Venue

NTT's Cognitive Foundation

Multi-Orchestrator

NTTC Data Center (Cloud)

Orchestration of ICT resources at the Edge and Central DC

# Las Vegas Live Application Views

The City of Las Vegas End User Dashboard provided by SMART Platform



General Features



Sensor Information with Live Video



Crowd Capacity



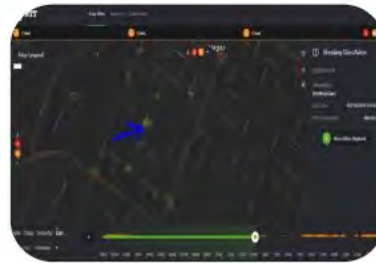
Wrong Direction Detection and Alerts



Person of Interest Detection



Vehicle of Interest Detection



Alarming Sounds Detection



Analytics View

# Create Values by Interactive Data Flow

## Las Vegas

Situational Awareness

## Beyond

Value Creation by Interactive Data Flow  
(Sustainable business model (Generate Profit))

Safe (Public Safety)



Convenient

Efficient

Livable

Viable

## 2. Cognitive Foundation

- Data Management for Edge and Core Analytics
- ICT Resource Management for Flexible ICT



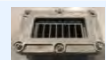
Value Creation  
by Interactive Data Flow



Cam /Mic



## 1. Sensor information



BLE



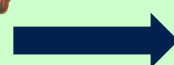
Vib. Sensor

## 3. Notification



People

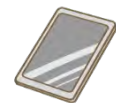
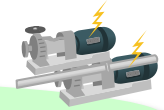
Vehicle



Trees



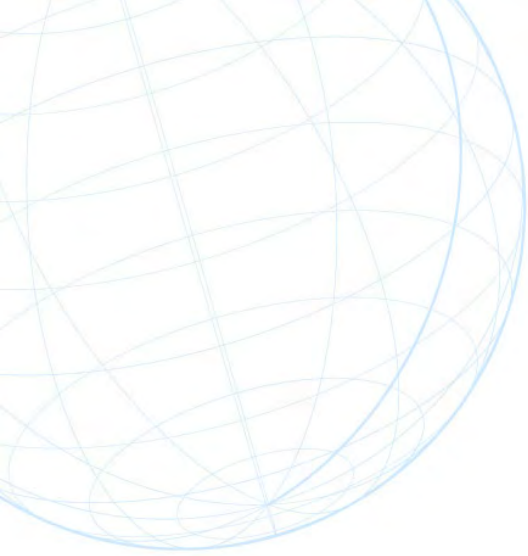
Facilities



Smart Phone



Digital Signage



**NTT** 