NTT Smart Solutions
Empowering data to make a better world

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Accelerating SMART in the Public Sector

Flexible Technologies for Future Cities

NTT is working with cities around the world to improve the lives of citizens by accelerating the implementation of smart technologies, using solutions as diverse as the cities and citizens we serve. We developed NTT Smart Solutions, underpinned by an agile, robust platform of information and communications technology systems that combine capabilities to make a "smart" safety solution.

NTT Smart Solutions serve as a technology engine behind the scenes, gathering input from a variety of sources and devices. NTT Smart Solutions "think" and can assess multiple data sources, perceive current conditions, and plan, decide and act on those conditions. Our versatile solution set has proven useful in helping cities improve safety and use their data more effectively to make informed decisions.

The built-in flexibility of NTT Smart Solutions offers a wide variety of use cases for cities — from traffic monitoring and crowd management to public safety and data monetization. Our smart safety solutions listed below enable safer streets, parks, venues and schools.
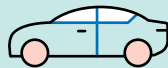
TRAFFIC SOLUTIONS

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Enhanced Safe Driving

- Vehicles travelling in the wrong direction and other unsafe situations are automatically detected, generating an alert in the system.
- The advanced analytics capabilities of our Smart Platform compare previous incident data to generate predictions of potential dates and times for unsafe incidents.
- The resulting trends can be used to improve road signs and routes, help prevent potential accidents and save lives.

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Enhanced Vehicle Identification

- Cameras and sensors detect vehicle license plate numbers, which are then matched to a city-provided list.
- Any matches to vehicles of interest automatically generate an alert.
- This is especially handy for locating stolen vehicles and vehicles associated with criminal activities.
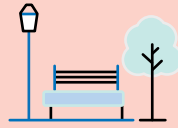
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Enhanced Traffic Predictions

- This solution counts the number of vehicles going past a specific location.
- Our data analytics generates traffic flow trends and patterns, including predictions for likely vehicle paths, surges or reductions in traffic flow.
- Cities use this valuable information to gain insights and make data-driven decisions, such as improving mobility, traffic flow and road operations, and reducing accidents.

SPACE SOLUTIONS

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Enhanced Public Safety

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Enhanced Person of Interest

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Enhanced Occupancy Control
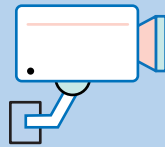
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Enhanced Usage Analytics

- Our solution set automatically detects gunshots, breaking glass and panic screams.
- Rapid identification and detection of loud noises enhances situational awareness and expedites response to potentially unsafe situations.
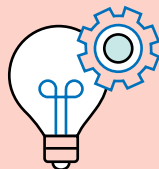- The system automatically generates an alert and gets citizens the help they need.

- Real-time facial recognition capabilities compare and match images against a list of persons of interest and generate an alert.
- Data-driven analysis generates predictions of potential dates and times for future detection of persons of interest.

- Cities often find it useful to have the capability to count the number of people in a crowd.
- Our system takes crowd counting one step further by analysing both past crowd-count data and other data sources, such as weather forecasts, to predict future occupancy.
- Up-to-the-minute monitoring enhances situational awareness in public spaces, as well as event venues.

- Provides information about which facilities and amenities are used more often and when.
- Cities can be aware of which park benches are best located, which bins need to be cleaned more often, or which streetlights are more important and need more careful maintenance.
- A collection of facility-usage statistics make it possible to assign resources appropriately.

NTT Smart Solutions can help you improve:

→ **Situational awareness**
→ **Decision making**
→ **Quality of life**
→ **Efficiency**
→ **Cost reduction**
→ **Risk/security posture**

For more information, visit **https://www.global.ntt/NTT-accelerates-smart/** or contact a representative from the NTT Smart Solutions team:
William Baver, william.baver@nttdata.com
John Saez, john.saez@nttdata.com
Joe Kyle, joseph.kyle@nttdata.com