HITACHI
Inspire the Next

SOLUTION BRIEF

Hitachi Smart Spaces and Video Intelligence for Improved Public Safety and Security

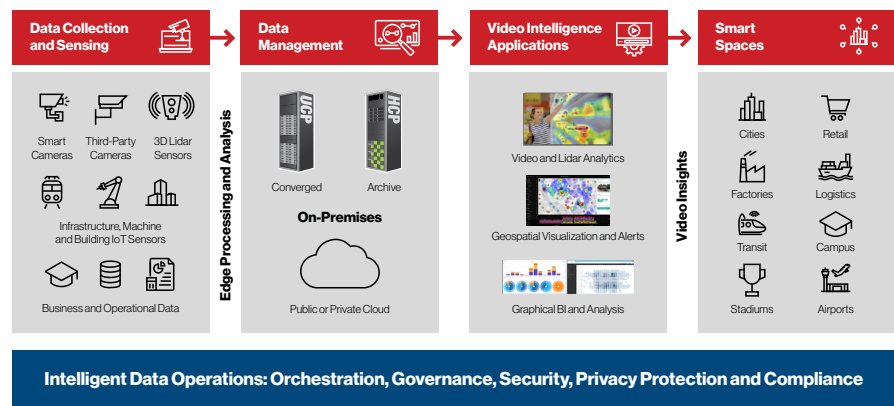## Attain Safer, Smarter Cities and Spaces Through Integrated Intelligence

Today's cities are growing fast. Our total urban population is expected to climb from 3.6 billion in 2014 to 6 billion by 2045.[1] Along with this growth comes increased expectations and pressure on organizations tasked with protecting public safety of citizens from crime, terrorism, interpersonal violence and destruction or theft of property.

Advances in technology now deliver advanced tools and large volumes of data to public safety officials to help them meet these increasing demands. These tools, including video cameras, gunshot detectors, license plate recognition systems, and other internet of things (IoT) devices help prevent incidents. However, for most public safety organizations, this flood of information from disparate systems is difficult to effectively manage or gain insights from.

To make public safety more responsive, predictive and automated, urban centers need an end-to-end intelligence solution: they require a solution that leverages innovative IoT-enabled analytics to deliver real-time insights that support faster responses to events and predictive safety measures.

Gain Greater Visibility With Connected City Intelligence

Metropolitan centers and the organizations within them are increasingly using intelligent technology to connect public and private stakeholders to make cities smarter, safer and more sustainable. By utilizing big data integration and reporting and integrating video feeds, event data and other sources like social media, Hitachi Smart Spaces and Video Intelligence provides real-time information that public safety can act on.

Hitachi Smart Spaces and Video Intelligence combines IoT devices from Hitachi and third parties, both on-premises and cloud platforms, and applications and analytics solutions that deliver instantaneous information and insights.

Hitachi Vantara Delivers a Comprehensive, End-to-End IoT Solution Designed To Provide Intelligence for the Safe City

Hitachi Smart Spaces and Video Intelligence provides public safety officials and security personnel with an integrated view of activities within a city as well as the intelligence they need to make faster, more informed decisions. Police gain a map-based, single-pane perspective that combines real-time video from public and private cameras, computer-aided dispatch (CAD), 911 calls, gunshot detectors, license plate and face recognition, social media and smart devices.

To further enhance public safety, the solution includes Hitachi Video Analytics, with policy-driven, automated alerts that are triggered when suspicious activities, objects, people or vehicles are detected. Smart Spaces and Video Intelligence drives smarter, more efficient public safety operations with analytics, cataloged video and pictures, event statistics and custom reports.

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1   United Nations, World Urbanization Prospects, 2014.

Build Safer, Smarter Communities Through Full Situational Awareness

Integrated Public Safety Intelligence and Video

Hitachi Visualization Suite integrates public information sources, such as traffic, with private sources of information. These sources can include license plate recognition, CAD or 911 calls, gunshot detection and sensor data for a tailored, single-screen view of criminal activity.

Combines data from disparate systems, video and sensors. Enables the real-time full-situation awareness public safety officials need to quickly make informed decisions.

Hitachi Facial Matching and Detection

Hitachi Video Analytics integrates with facial recognition databases to detect selected subjects on video feeds and immediately alert officials when they are identified. It also provides intrusion and object detection, and license plate recognition, as well as people, traffic and parking insights.

Improves law enforcement's ability to quickly find suspects, while guarding against intrusions into personal privacy with built-in privacy protection. Leverages next-generation technology to maximize accuracy.

Enterprise-Scale Video Management

Hitachi Video Management Software (HVMS) is a secure, elegant video solution that works across platforms to provide an intuitive experience.

Simplifies airport and shipping port video system deployment and management with an all-in-one, integrated solution. Built from the ground up for video.

As urban centers continue to expand, challenges to public safety become more complex. In today's connected world, Hitachi Smart Spaces and Video Intelligence offers public safety officials a way to use data-driven insights to make cities safer for everyone.

- Provides the tools organizations need to leverage data from citywide sensors, IoT, video, social media and more.
- Delivers real-time insights to help cities react faster to incidents, prepare for threats and better predict when and where incidents will occur.
- Enables greater situational awareness to respond more effectively to threats and safety incidents.
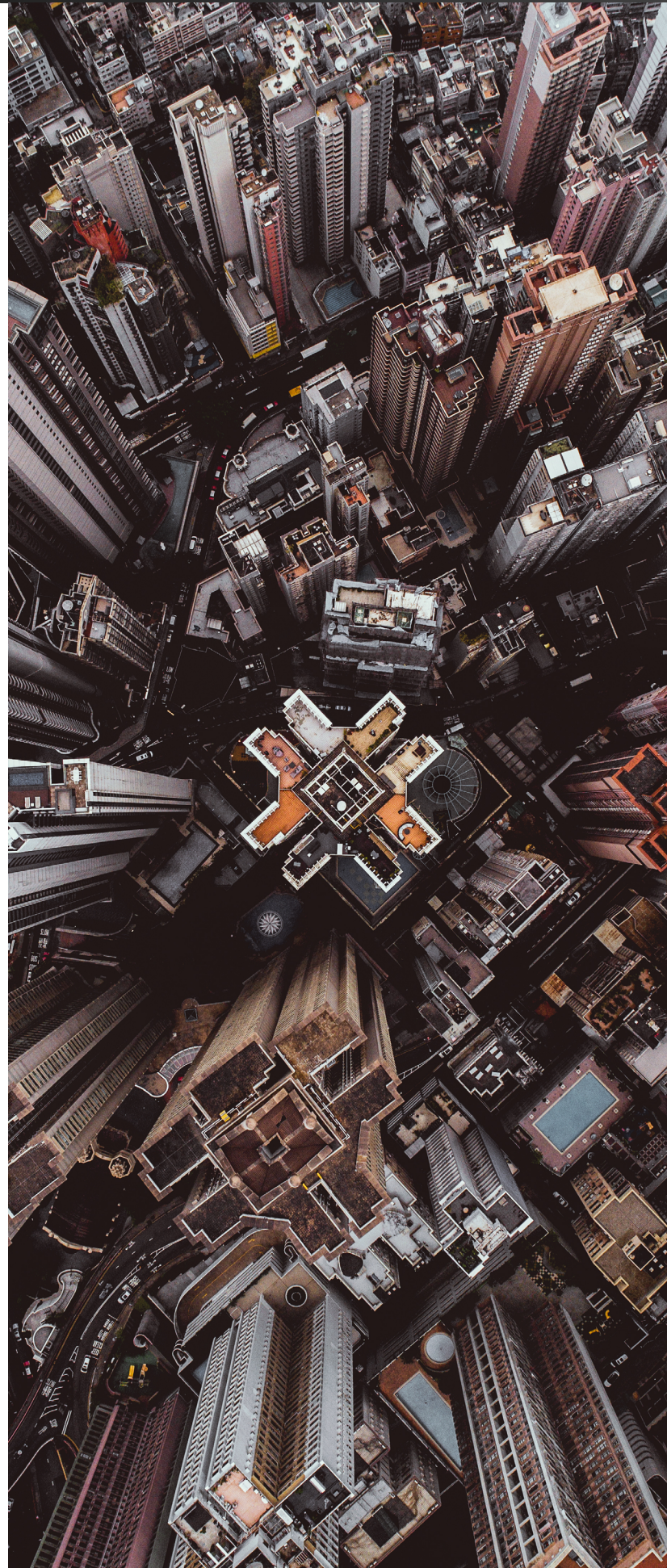
Smart Cities Are Safe Cities

At Hitachi Vantara, we view cities as interactions of people, communities and technology, places where all of these come together to improve our lives. Hitachi Smart Spaces and Video Intelligence supports smart cities to achieve three basic goals.

- Improve quality of life: Increase public safety, create economic opportunity, and achieve vibrant communities and sustainability.

- Increase resiliency: Enable cities and communities to adapt quickly to ever-increasing changes, now and in the future.

- Operate efficiently: Optimize transportation times, reduce energy consumption, and utilize technology to reduce costs and help people be more effective.

We leverage Hitachi's deep experience and expertise, to provide provide solutions for smart cities across the globe.

> "We've been able to re-engineer our department into a data-driven and Intel-based policing organization. The public safety camera project is designed to aid the city in deterring, detecting and investigating crimes."
>
> **Troy Gay**
> Assistant Chief
> Austin Police Department

Next Steps

Hitachi Vantara is helping cities become safer and smarter today. Using IoT, analytics and other proven technologies, smart cities are driving intelligence that increases efficiency and safety, improving the way people work and live. Ready to learn more about the benefits of Hitachi Smart Spaces and Video Intelligence for your organization?

Hitachi Visualization Suite Datasheet:
Correlate disparate data and video systems geospatially, enabling public safety officials to find the assets they need to assess any situation in real time.
Download

Hitachi Video Analytics Overview:
Transform security cameras into IoT sensors that enable business, operational and security intelligence.
Download

Hitachi Video Management Platform Solution Profile:
Empower video analytics, security and monitoring with a converged video solution that stores and manages video data with high availability and fault tolerance.
Download

ABOUT HITACHI VANTARA

Hitachi Vantara, a wholly-owned subsidiary of Hitachi Ltd., delivers the intelligent data platforms, infrastructure systems, and digital expertise that supports more than 80% of the fortune 100. To learn how Hitachi Vantara turns businesses from data-rich to data-driven through agile digital processes, products, and experiences, visit hitachivantara.com.

Contact Us →

To learn more about Hitachi Vantara public safety solutions, visit our website or send us an email. We'd be happy to discuss its benefits for your organization.

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