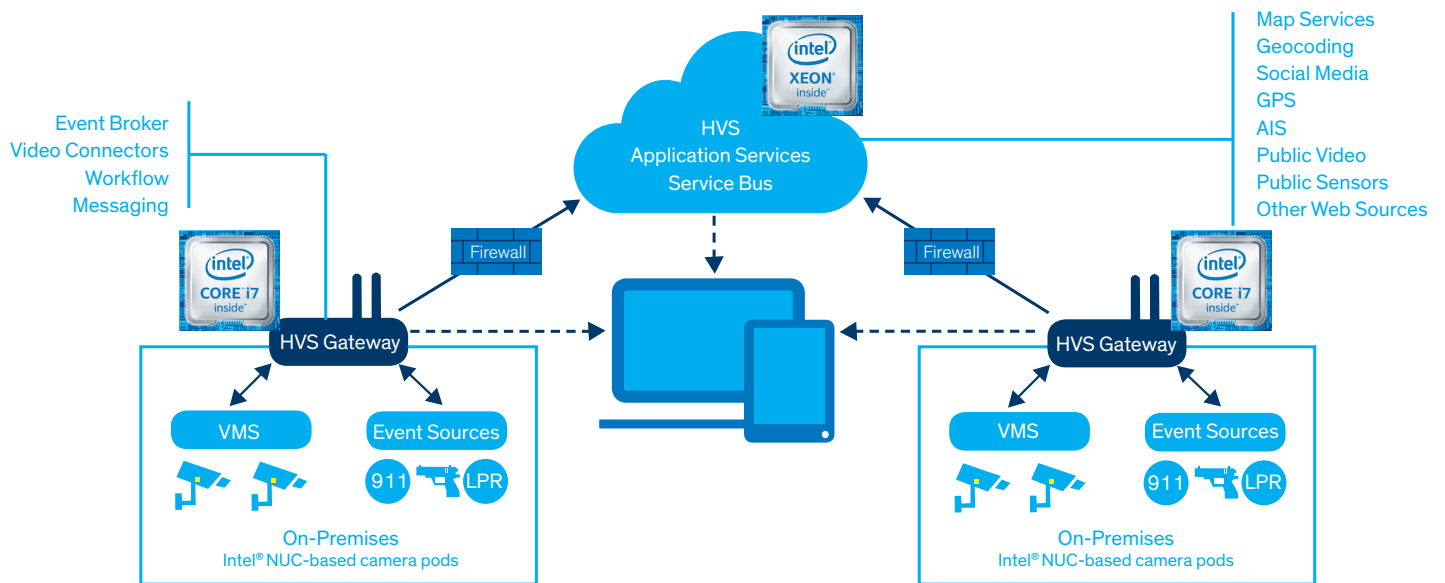# Hitachi Visualization Suite for Public Safety and Smart City Solutions

Enhances real-time intelligence, situational awareness and investigative capabilities

Powered by Intel processors, Hitachi Visualization Suite (HVS) helps smart cities integrate IoT sensor data from buildings, utilities, transportation, and transit with public safety systems. Intel hardware within the Hitachi Visualization Platform (HVMP) powers data capture, analytics, and workflow, from edge devices to the cloud and data center. It can integrate hundreds of simultaneous events for geospatial visualization and monitoring and solves the problem of integrating and aggregating disparate point solutions used by cities, organizations and public safety officials.

Information gathered and processed by HVS can be employed in:

> **Crime Prevention:** Facial recognition, LPR (License Plate Recognition), video enhancer
> **Predictive Crime Analytics:** Situational analysis, gun-shot detection, people counter, activity visualizer
> **Emergency Response:** Automated alerts, CAD/911 systems
> **Actionable Operational Intelligence:** Direction controller, parking space and/or traffic analyzer
> **Public Safety:** Surveillance, object detection, intrusion detection

HVS Hybrid Cloud Architecture

Benefits of the Solution

> Supports real-time video from disparate sources
> Offers the ability to correlate data from disparate systems
> Integrates any type of event source
> Supports video and security management
> Integrates video storage.
> Provides centralized system management
> Integrates IoT sensors from utilities, machines, transit and traffic

Solution Components

HVS is an integrated hardware and software solution. Data from video cameras, gunshot detection systems, and other sources are routed through gateways that normalize and filter the data. Data is then sent to the cloud-based HVS for analysis.

Camera Pods: Integrated camera and communication devices that can be easily deployed on city poles and building infrastructure. The camera pods quickly and securely transmit high-definition video and data straight to the cloud.

Smart Cam 200   Smart Cam 600   Smart Cam 800

Gateways: Based on Intel® Core™ i7 processors, they integrate third-party video systems and perform transcoding for live cloud streaming and recording

Smart Edge Gateway 150   Smart Edge Gateway 300

Video Management Platform: Based on Intel® Xeon® E5 processor servers, the platform is optimized for video management storage and retrieval, allowing the solution to consume large amounts of video streams and store them on the premise or in the cloud.

VMP Vode 1X   VMP Modular 1   VMP Modular 2

Target Customer Base

> SIs, ISVs and MSPs serving video surveillance solution providers
> Governments undertaking smart city projects
> Law enforcement and security agencies

Ordering Information

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Please contact your local Arrow account manager or 855 3264757

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www.arrow.com/IoT