



# *VantageView*<sup>TM</sup>

View | Collect | Manage | Report

*Innovation for better mobility*





## **VantageView™** *Sensor Management, Data Collection, and Surveillance*

Iteris' VantageView is the ultimate tool to complement your Iteris video detection system, with the map-based functionality of a Traffic Management Center (TMC) and the cost savings of a remote, web-based video detector management and data collection tool — to provide unparalleled value for real-time traffic monitoring.

In these times of doing more with less and striving to be more efficient with staff time and budgets, VantageView enables:

- ▶ Remote traffic camera management and configuration
- ▶ Traffic data collection
- ▶ Viewing of as many as nine intersections at a time

VantageView's map-based functionality makes it simple to see where detectors are located and easy to click and view the camera's video feed. VantageView becomes a powerful tool for the agency that doesn't need a costly central management facility, or one who needs the ability to access some of their most critical TMC information on a laptop.



## **Agencies Need VantageView™**

For the city, county, regional, provincial, state, or federal agency, VantageView provides all of the functionality needed to manage highway and intersection video detection remotely. Access can be granted to VantageView users on a continuous or an as-needed basis for emergencies, temporary assignments, or long-term contracts.

Applications include:

- ▶ Remote Configuration of Video Cameras
- ▶ Real-time street and intersection surveillance
- ▶ Data collection (traffic and turning movement counts)

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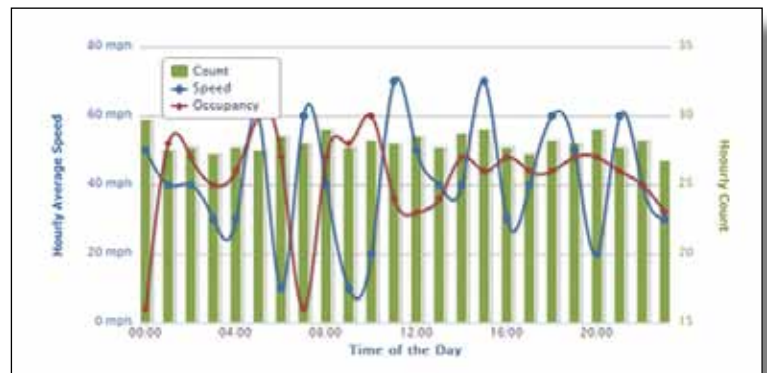
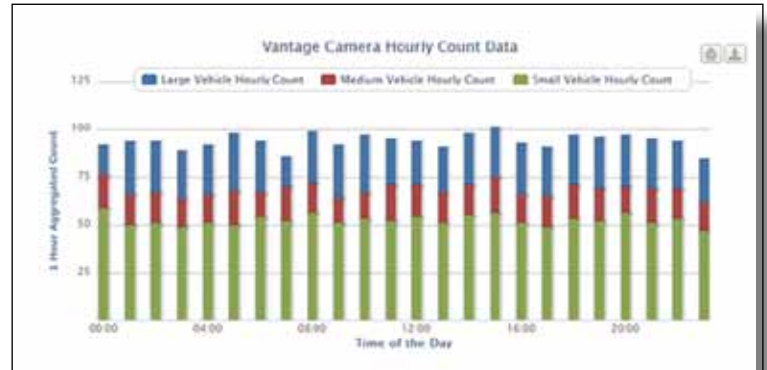


# Traffic Data Collection & Reporting

VantageView's data collection tool enables agencies to acquire accurate turning movement counts and traffic flow data from highways and intersections. Volume, speed, occupancy, vehicle size, and video status data can be collected, time and date stamped, and recorded. VantageView's configurable dashboard displays include:

- ▶ Data
- ▶ Charts
- ▶ Graphs
- ▶ Live camera video feeds

Desktop point-and-click functionality make it easy to see traffic count information or camera views that are most needed. Trending graphs, histograms, and links to camera configurations provide quick access to information that must be acted upon — providing information by lane, zone, and time frame. Data can be exported for further analysis or reporting using additional software or processing programs.



Helping agencies generate the following reports:

- ▶ Average Daily Traffic (ADT) statistics
- ▶ Average Annual Daily Traffic statistics (AADT)
- ▶ High Performance Monitoring System (HPMS) report
- ▶ Average Summer Daily Traffic (ASDT)
- ▶ Vehicle Miles Traveled (VMT)
- ▶ Monthly Average Daily Traffic (MADT)

Homeland Security or Emergency Management:

VantageView can also function as a remote, web-based, laptop emergency street surveillance management tool for law enforcement, Homeland Security, natural disaster, or civil unrest issues





## View the Streets

VantageView provides camera data feeds in a variety of configurations. With VantageView's intuitive graphical user interface (GUI), users can archive video and intersection configuration information, as well as collect, store, and further process field data into actionable information from one central location.

Drag and drop functionality allows a user to drag a smaller view into a larger window or mosaic as many as nine camera views into a three by three matrix to keep an eye on nine camera feeds at one time. Using a web-based and map-centric approach, VantageView allows the user to see a street map display or 'bird's eye view' of the road network with all devices.

Working with Iteris' EdgeConnect™ remote communications module, VantageView allows the user to view streaming video of each connected and compatible camera. One mouse click provides real-time access to live video to see what is happening in the streets.



## Benefits

- ▶ Web-based — making access easy from internet connections
- ▶ Map-centric — saves time and allows quick, visual locating of video detectors
- ▶ Works with:
  - » Iteris EdgeConnect, eAccess
  - » Select 3rd party communication devices
- ▶ One mouse click access to live video
- ▶ Real time visual monitoring of roads or intersections using video camera feeds
- ▶ Remote configuration capability reduces the need to dispatch workers to the field
- ▶ Easy, centralized configuration of zones and camera setup functions to optimize performance straight from the desktop in the traffic center or any other location with web access

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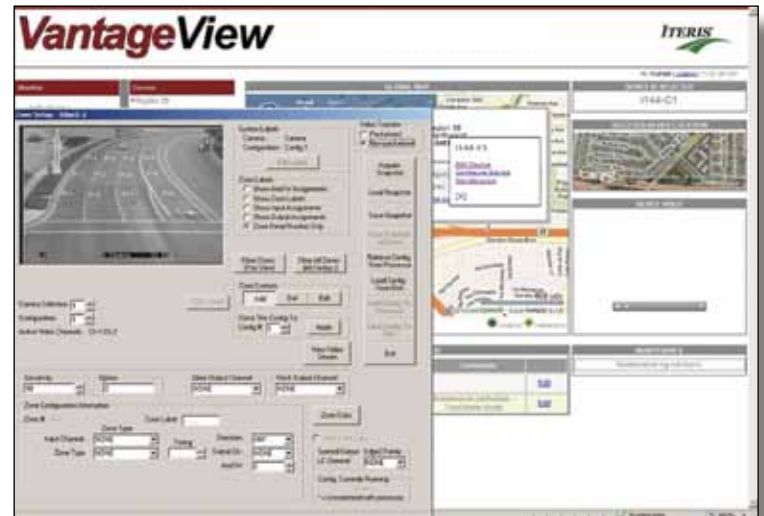


# Remote Detector Configuration & Management

VantageView's device management capabilities reduce the need to send staff into the field to reconfigure video detectors. The system provides for easy, centralized configuration of zones and camera setup functions to optimize performance, right from the desktop in the traffic center or any other location with internet access. This includes the ability to:

- ▶ Capture camera characteristics and settings
- ▶ Schedule maintenance
- ▶ Configure camera settings
- ▶ Create zones
- ▶ Monitor video feeds

The ability to manage sensor assets remotely saves agency staff and travel time as well as keeps field technicians out of harm's way and inclement weather. Employees are more productive and liability exposure can be reduced.



- ▶ Excellent return on investment versus field maintenance calls and manual data collection
- ▶ Obtain video detector operational status from any web connection
- ▶ Centralized maintenance scheduling and record keeping

- ▶ Remote configuration of video detection devices from any web connection
- ▶ Multiple users can access VantageView over a standard web browser from any location with Internet access





## Technologically Superior Software

VantageView is a web-based application that works seamlessly with Iteris' Vantage® video detection systems and many other cameras as well.

With its comprehensive central management capabilities for managing and configuring Iteris Video detectors, a powerful data collection function and a highly configurable reporting engine, VantageView can deliver a significant return on investment in short order. In addition, VantageView can be pre-loaded on its own server, for ease of installation, to get the system up and running quickly, or it can be provided for your server.

Designed by leaders in the traffic management and sensors industry, with over 80,000 detectors installed in over 20 countries worldwide, VantageView has the power to cut costs, streamline traffic flow, and reduce the risks and liability of field maintenance.



## Technical Specifications

System:	Multi-user, web based
Browser:	Internet Explorer 8
Server Processor:	Intel Xeon® X3430, 2.4 GHz
Server RAM:	4 GB, 1333 MHz
Server Hard Drive:	250 GB
Server Mounting:	Standard Rack Mount
Server Network Adapter:	On-Board Dual Gigabit
Server Database:	Microsoft® SQL Server™ 2008 Express
Server Operating System:	Win 7 Professional, 32 Bit

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## Why Iteris?

Iteris has a broad and modular product line that allows users to tailor our detection systems for specific applications and controller cabinet configurations. Our large selection of easy-to-use, high performance, and cost-effective hardware options suit a wide variety of requirements.

- ▶ Broad product portfolio offering unprecedented versatility and value
- ▶ Industry-leading performance, functionality, and ease-of-use
- ▶ Superior product support
- ▶ Dedication to quality — ISO 9001:2008 certified

Iteris' highly-trained and IMSA-certified product support engineers support the deployment and maintenance of our video detection systems. Our nationally-recognized team has an outstanding reputation for superior installation, maintenance, and trouble-shooting, and can provide on-the-spot field training, when necessary.



By applying advanced engineering, experience, and imagination, Iteris develops end-to-end solutions that solve traffic problems today and allow for future growth and flexibility.



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