



VIDSHIELD™

Security and Surveillance Operations Center Platform



PROTECT YOUR SECURITY/SURVEILLANCE EQUIPMENT INVESTMENT WITH VIDSHIELD

THE VIDSHIELD OPERATIONS CENTER MANAGEMENT PLATFORM
 ENABLES YOUR ORGANIZATION TO DEPLOY AN ENTIRE NETWORK OF
 PHYSICAL AND VIRTUAL SECURITY AND SURVEILLANCE TECHNOLOGIES
 AND CONVERGE THEM INTO A SINGLE SEAMLESS SOLUTION.

The VidShield operations center management platform features an open, hybrid architecture that integrates data from any analog or digital video source, as well as any detection, monitoring or control system.

Through the innovation of the VidShield platform you can deploy an entire network of security and surveillance technologies – converging old with new, analog with digital. In fact VidShield is the only solution that provides true collaborative situational awareness by seamlessly integrating all of your IT, physical security and video surveillance systems, while being vendor, protocol and standards agnostic. Our open architecture allows you to take a scalable approach as your operations center and needs to collaborate with other agencies grows.

MANAGE THE SITUATION, NOT THE TECHNOLOGY

VidShield manages and correlates the massive amounts of data collected from cameras, sensors, alarms, access control, analytics, DVRs, RFID, GIS and other systems over multiple protocols and in various formats. With VidShield, your users can manage your entire surveillance network without dealing with the underlying technology, enabling them to focus on and respond swiftly to critical situations.

A VidShield system enables operators to:

- Seamlessly view and manage all of the cameras in your surveillance network – both analog and digital – from a single desktop interface.
- Integrate a camera system with other physical security and surveillance systems to correlate alarms and sensors with the corresponding video.
- Collaborate with other personnel in the same security operations center or in remote locations using built-in collaboration technology and tight integration with your video wall.

ARCHITECTURE UNIQUELY FACILITATES CONVERGED SECURITY/SURVEILLANCE MANAGEMENT

VidShield Architecture Components/Attributes Include:

Device Connectivity

Enables integration with most physical security devices.

Transport

Works with state of the art IP networks and legacy installed transport gear.

Routing Engine

Enables the connection of any device and data to any other, based on the ability to manage both analog matrix and IP virtual switching fabrics seamlessly.

Device Control Adaptor

Converts and adapts VidShield commands to the native commands for the specific device.

Engines

Event Correlation Engine

Captures exceptions from systems such as sensors, analytics or access control, or system events such as an operator logging on.

Policy Engine

Receives events from the Event Correlation Engine. Events are analyzed and rules are applied.

Tour and Macro Engine

Performs a series of actions that automate response to events when instructed.

Visualization and Mapping Interface Engine

Translates coordinate data and maps the specific information into a visualization layer.

Collaboration Engine

Enables communication from the VidShield client software to various communication technologies, including video conferencing.

Visualization and Communications

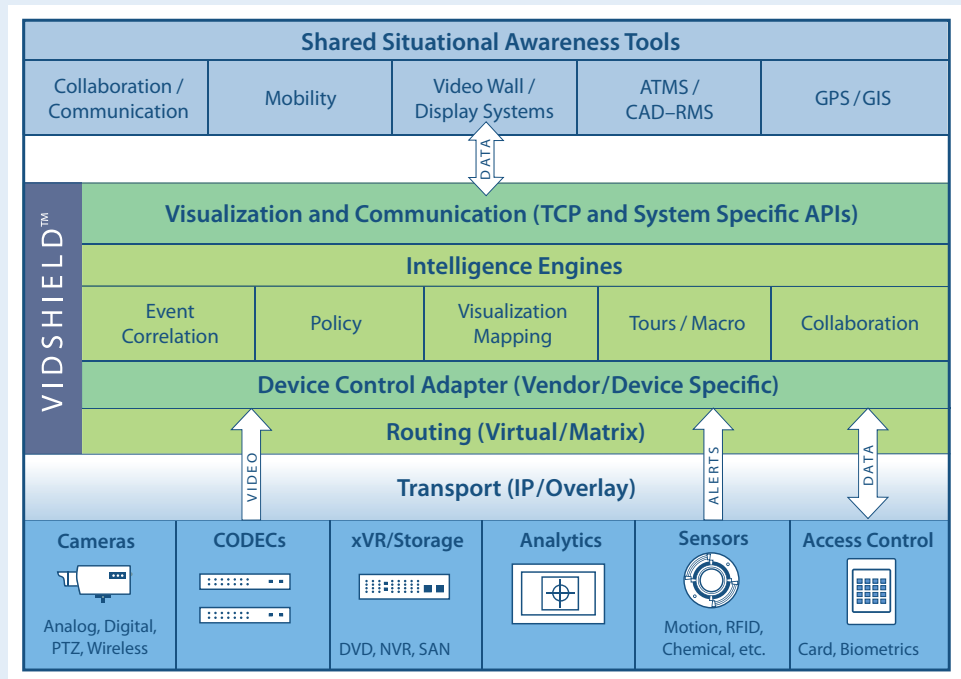
Enables the various engines to communicate with external systems.

Collaborative Situational Awareness Tools

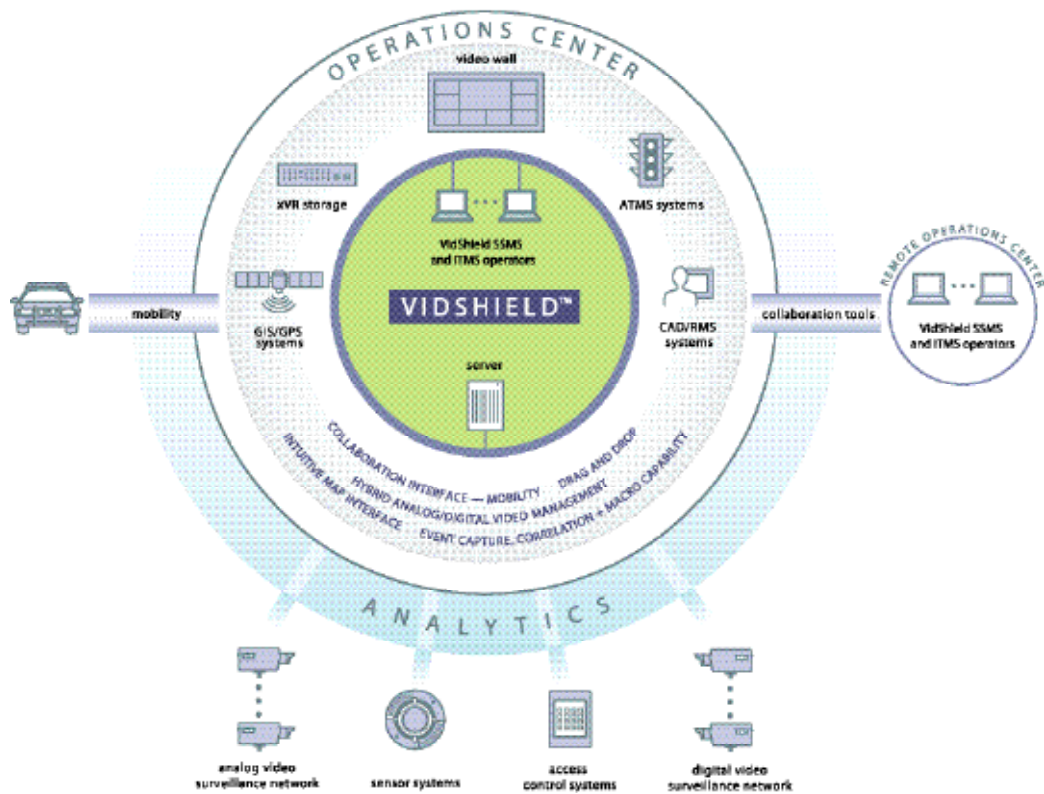
Included are the various tools that are used to manage the operations center including CAD-RMS, ATMS, GIS/GPS, mobility, collaboration/communication and video wall controllers.

VidShield Operations Center Management Platform:

- Open architecture integrates data from any detection, monitoring or control system.
- Hybrid design supports both analog and digital video technologies.
- Prevent. Detect. Deter. Respond. Public safety and security personnel can focus exclusively on managing the situation.



The VidShield product line is based on an architecture that enables disparate systems that have been built in silos and managed separately to be integrated into one integrated security network – to provide true collaborative situational awareness and converged physical security.



VIDSHIELD IN AN OPERATIONS CENTER ENVIRONMENT

VIDSHIELD PLATFORM SOFTWARE AND HARDWARE COMPONENTS

VIDSHIELD SERVER – THE BRAINS OF THE ARCHITECTURE

The VidShield Server is the central management device that stores information for users, devices, macros and event correlation rules. The server works closely with the ITMS and SSMS clients to enable operators and dispatchers to view video feeds and manage devices.

The server handles additional user and system information such as user priority level, camera information, time-out features, connection information and other administrative features. The VidShield Server is available as software or as a pre-configured, easy to deploy hardware/software appliance.

VIDSHIELD ADMINISTRATION SOFTWARE - COMPREHENSIVE SYSTEM MANAGEMENT

The VidShield Administrator is used in conjunction with the VidShield Server to set up and store the configuration for your network. Included is the ability to add/remove users, devices, set up macros, tours, user and device priority. Some device configuration can also be done via the Administrator software including custom settings.

VIDSHIELD CLIENT SOFTWARE MEETS THE NEEDS OF ITS AND FIRST RESPONDERS

VidShield software clients for operations center operators, available in two versions with application specific feature sets, are designed to meet the specific needs of traffic management and security and surveillance professionals.

VidShield Intelligent Transportation Management Solution (ITMS)

ITMS is the VidShield client software specifically designed for the needs of the ITS professional, with a feature set that enables the efficient management of a transportation system.

VidShield Security and Surveillance Management Solution (SSMS)

SSMS is the VidShield client software specifically designed for the needs of the security and first responder professional with a feature set that enables the efficient management of a security and surveillance system – whether used to protect city streets and buildings, government facilities, utilities and chemical plants or private facilities.

With new level of cooperation among agencies and organizations – VidShield has been designed to enable deployment of both ITMS and SSMS clients in one installation. This enable interoperability and collaboration between organizations that need to work together to manage the situation.

VIDSWITCH – AN INVALUABLE TOOL FOR MANAGING HYBRID VIDEO NETWORKS

VidSwitch is an intelligent video, audio and data matrix switch specifically designed to address the needs of the security and surveillance market. For customers that have a large installed base of analog cameras and want to migrate them forward into the digital world while maintaining their investment, VidSwitch is an invaluable tool.

To manage that transition, VidSwitch provides the flexibility to manage all of your analog video assets, such as cameras and DVRs, while providing equipment like encoders to be shared by multiple video feeds. When used with the VidShield software, true hybrid analog and digital video networks can be built where analog and digital video can be managed in the same way that is seamless to the operator – enabling the operator to manage the situation and not the various underlying disparate systems.

When used with the VidShield software, VidSwitch enables complex operations to be performed with one easy to use user interface that is seamless to the operator.

VIDSHIELD ENABLES YOU TO RESPOND AND MANAGE SITUATIONS MORE EFFICIENTLY

Key Features Include:

Hybrid analog/digital video management – operators seamlessly manage analog and digital video sources – whether live or stored – with a familiar user interface.

Intuitive map interface – A geographical representation of the physical security network enables operators to navigate easily to the desired video stream. Map coordinates directly correlate to devices in the directory tree of the VidShield interface.

Event capture, correlation and macro capability – VidShield's correlation technology identifies the nearest cameras and displays the feeds in adjacent windows, giving the operator a more comprehensive view of the situation.

Drag and drop video wall management – VidShield's simple intuitive interface automatically transfers both analog and digital video on the operator's console to your video wall for all personnel to view.

Collaboration interface – VidShield's built-in mobility capabilities enable real-time communication and collaboration with other operations centers and personnel in the field.

VidShield Operations Center Management Software

	FEATURES	BENEFITS
>	Hybrid analog/digital	Facilitates investment protection and seamless operation
>	Single management console for all network elements	User can manage all devices from one easy-to-use application
>	Hardware, device, protocol independent	Integrates with your best of breed equipment and networks
>	Data capture, event correlation and alarm management	Run large scale networks with low operational cost
>	Remote access	Manage your network anywhere, anytime
>	Real time collaboration including videoconferencing	Enables communications and critical data sharing
>	Intuitive mapping interface and hooks	Visualize your networks from a logical physical view
>	Off the shelf, yet customizable solution	Easy integration with any system component and easy to support
>	Bi-directional video/audio/data support	Data and control on same physical plane; two-way communications enabled
>	Dynamic system priority settings	Allows real-world overrides in crisis situations based on authority

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