

FLIR Cameleon ITS

Advanced Transportation Management



Tap the vast potential of intelligent transportation systems with Cameleon™ ITS. Featuring all the video control functionality of our standard Cameleon software, Cameleon ITS also provides built-in support for a wide variety of ITS devices. Cameleon ITS is advanced control software for intelligent transportation systems.

INFORMATION SHARING

Cameleon ITS is a powerful transportation and event management solution. The XML interface supports bi-directional data flow between Cameleon and external ITS applications. In addition, this focused solution provides a server-to-server architecture which allows operators to share video, sign control and detector information with other agencies, while maintaining complete control over their own system.

CUSTOMIZE TO SUIT DIFFERENT APPLICATIONS

Cameleon ITS can be easily configured and customized to meet your needs. Seamlessly integrate dynamic message signs, detector stations, signal heads, traffic control gates, blankout signs, cameras, video walls, digital recording and a host of other types of devices into your system. Device drivers operate on any network-enabled platform, making the system easy to expand and highly scalable. Control virtually any number and combination of analog and IP devices from different manufacturers with point and click simplicity.

KEY FUNCTIONS

- CONFIGURABLE DESKTOP FOR CUSTOMIZED WORKSPACES
- CUSTOMIZABLE SITE MAPS ALLOW ICONS TO REPRESENT INSTALLED DEVICES, ALARMS AND AUTOMATED EVENTS
- ADVANCED AUTOMATION FOR COMMON TASKS ENSURES THAT CORRECT CONDITIONS EXIST BEFORE AN ACTION TAKES PLACE
- TRENDING ALLOWS USERS TO ANALYZE PATTERNS OF ACTIVITY OVER TIME AND MAKE DECISIONS ACCORDINGLY
- OPERATOR SECURITY IS ENSURED THROUGH A GRANULAR PERMISSIONS HIERARCHY
- PRIORITIES ARE ITEMIZED THROUGH A BUILT-IN ARBITRATION SYSTEM TO ELIMINATE RESOURCE CONFLICTS
- SCALABILITY ALLOWS SERVERS AND CLIENTS TO BE ADDED AS NEEDED
- MULTI-VENDOR SUPPORT ALLOWS LEGACY SYSTEMS TO BE SEAMLESSLY INTEGRATED WITH NEW EQUIPMENT



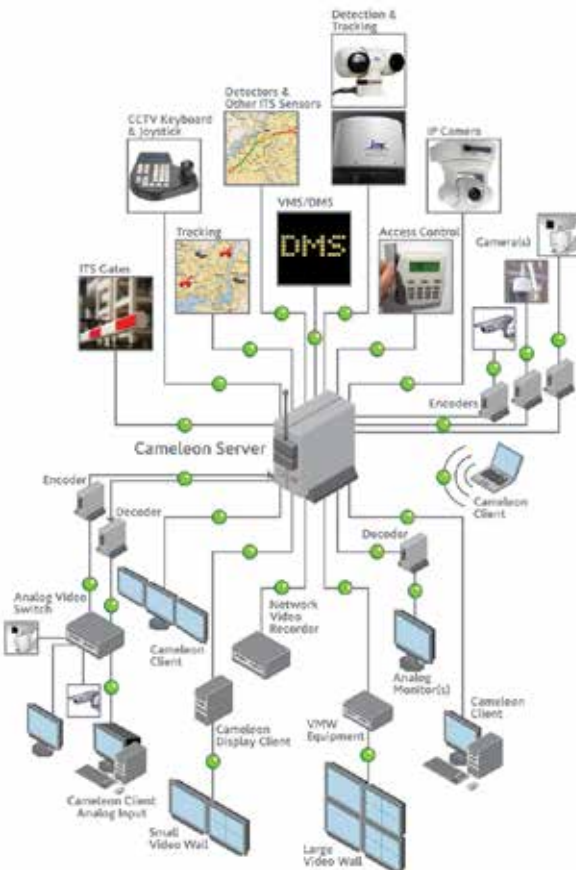
Advanced transportation and event management



Seamlessly integrate dynamic message signs

Imaging Specifications

VIDEO	
Hybrid IP/Analog Video	Simultaneous viewing and control of both IP and analog video through a single interface
Multi-Purpose Windows	Windows are live control pads View and control video, site maps, remote PCs or Internet browsers
Fluid PTZ Control	Video is loaded via a drag-and-drop interface, Camera functions are controlled through the mouse
Archived Video	Common interface allows retrieval of archived video from network video recorders, DVRs and VCRs
Camera Association	Automatically loads archived video associated with an alarm
FTP Image Capture	Scriptable, Allows automatic upload to Web host
External Display control	Simple drag-and-drop access to external monitors and monitor walls
ITS	
Dynamic Message Sign Control	Interfaces with signs from different manufacturers, Controls message levels, libraries, broadcasting to multiple signs, permitted/excluded word lists, sign groups and an XML interface to external systems
Lane Control Systems	Built-in support for reversible HOV lanes, counterflow systems, parking and event management systems, and congestion warning systems
Center-to-Center	Functionality Shares resources with other jurisdictions Maintains complete control over local system
NTCIP Support	Fully supports NTCIP control of cameras and signs
ITS Device Drivers	Available for detector stations, traffic control gates, signal heads, blank-out signs and more
Positional Awareness	Monitors the movement of GPS-enabled resources in real time Triggers camera tracking when entering user-defined zones



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