

# March Networks Command Center

Software-based video display  
and alarm management solution

*Command Center  
video wall*



*Command Enterprise VMS  
(for forensic investigations)*

*Command Center UI (floor plan map,  
alarm stack, alarm threat level indicator)*

*Local camera display*

For customers who need better visibility into what's happening across their organization, and need to handle alarms from potentially hundreds of locations, **March Networks® Command™ Center** provides an enterprise-class software solution. Command Center's flexible, easy-to-use video display and control, as well as intelligent alarm management with escalation policies, allow for powerful real-time incident assessment and resolution. The software integrates with March Networks recorders and Command Enterprise VMS to equip users with powerful control room applications. Start small and grow as needed with this scalable video wall solution combined with an alarm management platform.

## Key Benefits

- ▼ **Alarm prioritization.** Alarms coming into the system are processed, prioritized, grouped and presented to the operator in exactly the format required to take action.
- ▼ **Process guidance.** In the event of an alarm, operators are guided through a workflow process that helps them efficiently respond to that alarm using a series of built-in questions and instructions.
- ▼ **Consistent alarm resolution procedure.** All activity during the resolution of an alarm, including operator's notes, is logged and presented in a uniform format, making it easier to research the pertinent details after the fact.
- ▼ **Alarm search and auditing.** Perform quick, comprehensive searches on alarm history, and get reports on individual alarm entries.
- ▼ **Immediate visual awareness.** Decode as many as 32 video streams per monitor, from multiple locations; view multiple cameras on the same monitor or video wall at the same time.
- ▼ **Intuitive navigation.** Multi-layered maps let you move floor-by-floor through your buildings, and quickly call up detailed plans for any room. Incorporate navigation points on a map so you can click on a "hot spot" and jump right to a new location's map.
- ▼ **Drag cameras to video wall.** Drag and drop the cameras you want displayed onto the video wall using configurable "drop zones."
- ▼ **Simple, cost-effective design.** Command Center runs on commercial-off-the-shelf (COTS) servers and workstations, and can support multiple display monitors on a single workstation, eliminating the need to integrate specialized and costly video wall display hardware.
- ▼ **Flexible and scalable.** Simply add more PC workstations when additional displays are required; Command Center can decode and display hundreds of video streams.

***Get greater visibility across all of your locations and respond to alarms quickly via easy-to-follow escalation procedures.***

# Powerful Alarm Management

Attain high levels of security across your whole organization, ensuring all staff and security personnel respond to situations in accordance with regulations. Command Center provides you with all the tools necessary to react faster and more precisely to alarms and events.

## Reviewing incoming alarms

Alarms coming into the system are processed, prioritized, grouped, and presented to operators in the form of an Alarm Stack.

- The Alarm Stack provides valuable information about each alarm, including the alarm's priority, type, description, and the number of times it has occurred.
- To acknowledge an alarm, operators click on the alarm's status.
- Alarms can be handled by multiple operators.

ID	Priority	Date Created	Description	Alarm Type	Alarm Point	Location	Status	Count
1	2	2/8/2018 10:45:05 AM	CES Offline on March Networks CES 1	CES Offline			Unhandled	2
2	2	2/8/2018 10:48:48 AM	CES Offline on March Networks CES 1	CES Offline	March Networks CES 1	Data Connections	Unhandled	10
10	2	2/8/2018 12:09:37 PM	CES Recorder Offline on INT300a295	CES Recorder Offline	INT300a295	Data Connections	Unhandled	2
7	2	2/8/2018 12:09:37 PM	CES Recorder Offline on svtkcondemo2	CES Recorder Offline	svtkcondemo2	Data Connections	Unhandled	2
19	2	2/8/2018 12:09:37 PM	CES Recorder Offline on Retail C-Store Searchlight	CES Recorder Offline	Retail C-Store Searchlight	Data Connections	Unhandled	2
22	2	2/8/2018 12:09:37 PM	CES Recorder Offline on 8732NVR	CES Recorder Offline	8732NVR	Data Connections	Unhandled	2
23	2	2/8/2018 12:09:37 PM	CES Recorder Offline on ITALY 8704	CES Recorder Offline	ITALY 8704	Data Connections	Unhandled	2
25	2	2/8/2018 12:09:37 PM	CES Recorder Offline on svtkcondemo1	CES Recorder Offline	svtkcondemo1	Data Connections	Unhandled	2

## Determining an alarm's threat level

An alarm's threat level is driven by its priority in the Alarm Stack. Command Center provides a visual Threat Level Indicator that lets operators intuitively assess the urgency of each alarm.



- An alarm's threat level can be adjusted by the operator handling that alarm.
- The decision to raise or lower an alarm's threat level is dictated by your organization's safety protocols.

## Resolving an alarm

Command Center's Alarm Resolution Form provides a workflow process that helps operators respond efficiently to each alarm, and in accordance with your organization's requirements.

- The form guides operators through the necessary steps, and contains fields for all the information required to resolve an alarm.
- Dynamic response plans allow operators to react differently, depending on the context of the alarm (e.g., if there are already five incidents being handled, then escalate to the administrator).
- As the resolution is worked through, operators can add comments that are relevant to the alarm.
- An alarm can be "parked" in the event that a higher priority alarm is received.

## Reviewing alarm history

Get a holistic view of your organization's past alarms and events, recognize trends, and identify irregularities.

- See your list of alarms for the past hour, day, or week.
- Sort by Resolution Type to get a quick summary of how alarms were handled.
- Open an alarm's Alarm Activities page to review the details about that alarm.

ID	Date Created	Description	Resolving User	Resolution Type	Date Resolved	Alarm Activities
43	1/16/2018 3:06:46 PM	Camera Offline on QSR Rear Door	System	System Test	1/18/2018 1:25:47 PM	
41	1/16/2018 3:06:44 PM	Camera Offline on QSR DEMO	System	System Test	1/18/2018 1:25:47 PM	
40	1/16/2018 3:06:43 PM	Camera Offline on Parking	System	System Test	1/18/2018 1:25:47 PM	
39	1/16/2018 3:06:41 PM	Camera Offline on QSR POS	System	System Test	1/18/2018 1:25:47 PM	
38	1/16/2018 2:48:13 PM	CES Offline on March Networks VMS 1	System	System Test	1/18/2018 1:25:47 PM	
42	1/16/2018 3:06:46 PM	Camera Offline on QSR Queue	System	System Test	1/18/2018 1:25:47 PM	
37	1/16/2018 2:12:32 PM	CES Offline on March Networks VMS 1	Administrator	Staff Error	1/16/2018 2:48:05 PM	
31	1/15/2018 6:49:22 PM	Camera Offline on QSR Rear Door	Administrator	System Test	1/16/2018 2:08:35 PM	
30	1/15/2018 6:49:22 PM	Camera Offline on QSR DEMO	Administrator	System Test	1/16/2018 2:08:35 PM	

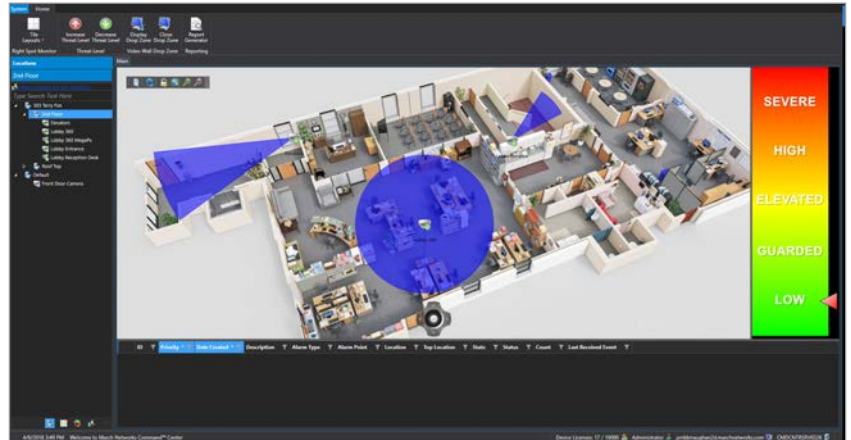
# Comprehensive Situational Awareness

Get real-time situational awareness and ensure complete compliance with your organization's security policies and procedures.

## Interact with maps of your facility's floor plans

Multi-layered maps let you move floor-by-floor through your buildings, and quickly call up detailed plans for any room.

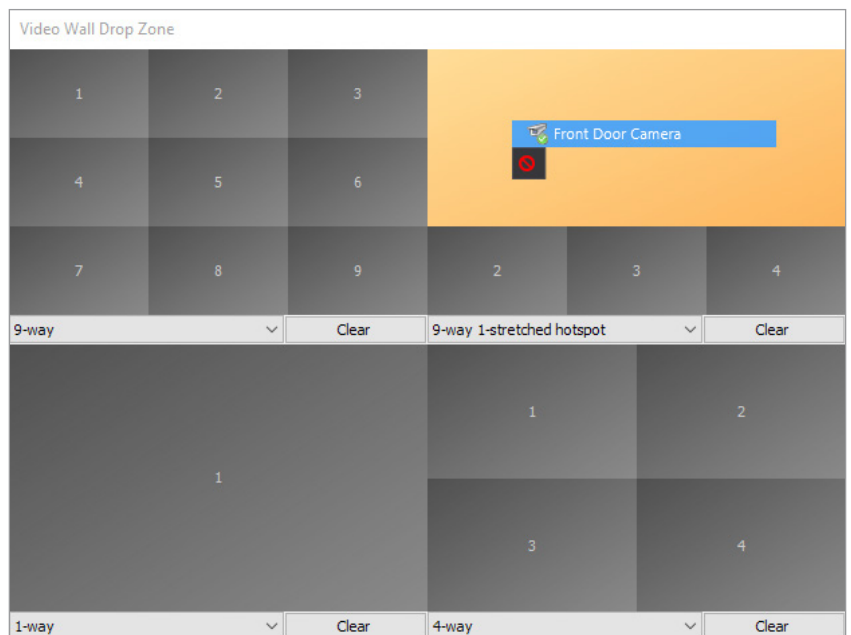
- Command Center accommodates a variety of source file formats for maps, including .bmp, .jpeg, and .png.
- Optional camera "View sheds" provide a visual indicator of each camera's field of view.
- Drag and drop a camera directly from the map onto your personal camera display area or a video wall.
- View all cameras nearest to the cursor's current position on the map.
- Strategically-placed navigation points, or "hot spots," let you click and jump right to a new location's map.



## Customize and manage your video wall via Drop Zones

Each workstation's Drop Zone lets operators interact with video walls, and control their tile layout and content. As your operations center grows and you add new cameras at your facility, you can seamlessly add new video walls.

- Flexible tile layouts include full-screen, 2x2, 3x3, and 4x4 configurations; layouts can be selected from a drop-down list.
- Operators can select from predefined tile layouts that focus on an important camera.
- User-defined sequences can be dragged to tile layouts.
- Operators can drag the entire tile layout from a personal camera display onto the video wall.
- Depending on performance requirements, a single PC can seamlessly control all video wall monitors, or individual PCs can be dedicated to separate video wall monitors.



# Command Center

## Recommended System Requirements

The following server requirements are recommended for typical usage. Command Center system specs can vary based on a number of variables, e.g., the size of the system. Please contact your March Networks Sales Engineer for specific project sizing.

### VIDEO WALL CLIENT

	SMALL SYSTEM	MEDIUM SYSTEM	ENTERPRISE SYSTEM
Maximum Displays	2 Displays	4 Displays	4 Displays
Maximum Recommended Concurrent Video Streams	16 @ 1080p, 15 fps 64 @ D1, 15 fps	24 @ 1080p, 15 fps 96 @ D1, 15 fps	64 @ 1080p, 15 fps 144 @ D1, 15 fps
Operating System	Windows 10; Windows Server 2016		
Processor	Core i7 Quad Core (or similar)	8 Core Xeon (or similar)	18 Core Xeon (or similar)
Storage	50 GB		
Network Interface	Gigabit Ethernet		
Memory	8 GB	16 GB	32 GB

### CONTROL ROOM CLIENT

	TYPICAL SYSTEM
Operating System	Windows 10
Processor	Core i7 Quad Core (or similar)
Storage	50 GB
Network Interface	Gigabit Ethernet
Memory	8 GB

### SERVER REQUIREMENTS

	TYPICAL SYSTEM
Operating System	Windows Server 2016
Processor	Intel Xeon E5-2630v3 2.4GHz (or similar)
Storage (Database)	500 GB
Network Interface	Gigabit Ethernet
Memory	16 GB

### Command Center System Architecture

