



American Dynamics

From Tyco Security Products

victor and VideoEdge Port Assignments

The port assignments in this document are valid for victor and VideoEdge version 5.0 and higher.

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victor Application Server Port Assignments

Table 1: victor Application Server port assignments

Port/Range	Protocol	Direction	Destination System	Process/Service	Description
80	TCP	Bidirectional	VideoEdge	VideoEdge NVR Admin/Alarm Port	VideoEdge NVR Admin/Alarm Port
389	TCP	Outbound	LDAP Server	LDAP	LDAP which is used to synchronize C-CURE database with other databases (non-C-CURE). It allows other databases, such as human resources information, to download information
1433	UDP and TCP	Bidirectional	SQL Server	SQL Server	Traffic Direction from 9000 server outbound; Connection Initiate from 9000 server to SQL server. Communication from C-CURE to SQL for database writing, reading and modifying.
1434	UDP	Bidirectional	SQL Server	SQL Server	Traffic Direction from 9000 server outbound; Connection Initiate from 9000 server to SQL server. Communication from C-CURE to SQL for database writing, reading and modifying.
5000	TCP	Bidirectional	Intellex	Intellex Base	Intellex Base
5001	TCP	Bidirectional	Intellex	Intellex Live	Intellex Live
5003	TCP	Bidirectional	Intellex	Intellex Alarm	Intellex Alarm
8085	TCP	Bidirectional	Client	Auto Update	Auto Update for clients and SAS from MAS

Port/Range	Protocol	Direction	Destination System	Process/Service	Description
8990 - 8991	TCP	Inbound	vAS	Tyco Update Repository	Tyco Update Repository
8992	TCP	Outbound	vAS	Tyco Update Client Services	Tyco Update Client Services
8996	TCP	Bidirectional	Client	Crossfire service of web client session	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. For clients to access C-CURE from web.
8997	TCP	Bidirectional	Client	Admin / Monitor Client stream	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. Client access to administrative or monitor station of C-CURE
8998	TCP	Bidirectional	Client	Crossfire service of HTTP client session	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. For HTTP of crossfire for client session
8999	TCP	Bidirectional	Client	Crossfire service of TCP client session	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from 9000 Client. For crossfire service of TCO client session.
32200-38200	UDP	Bidirectional	VideoEdge	VideoEdge streaming	VideoEdge NVR Streaming Port

VideoEdge Port Assignments

Table 2: VideoEdge port assignments

Port	Protocol	Direction	Destination System	Process/Service	Description
22	tcp	Inbound	Client SSH terminal	SSH	SSH
25	tcp	Outbound	mail server	SMTP	SMTP
68	udp	Outbound	DHCP server	DHCPC	obtaining dynamic IP address (DHCP)
80	tcp	Inbound	Web/Client	HTTP	HTTP
123	udp	Outbound	NTP (time server)	NTP	ntp
161	udp	Inbound	SNMP manager	SNMP	SNMP
162	udp	Inbound	SNMP manager	SNMP	SNMP Trap
443	tcp	Inbound	Web/client	Secure HTTP	HTTPS
554	tcp	Inbound	Camera/client	RTSP stream	RTSP (video) stream
623	udp	Inbound	Remote control (should be closed)	RPC	RPC - standard Linux open port

Port	Protocol	Direction	Destination System	Process/Service	Description
1900	udp	Inbound	Any	UPnP	UPnP
1900	SSDP	Inbound	Any	AD discovery	veAutoDiscSSDP - Discovery of devices, close after setup
2980	udp	Inbound	Any	AD discovery	veAutoDiscScan - Discovery of devices, close after setup
3389	tcp	Outbound	RCP client	RDP	xrdp
3702	udp	Inbound	Web Server/Any	AD discovery	veAutoDiscovery WSDiscovery - Discovery of devices, close after setup
5353	udp	Inbound	Any	AD discovery	veAutoDiscMDNS - Discovery of devices, close after setup
5432	tcp	Inbound	SQL	Postgresql	Postgresql
5800-5803	tcp	Inbound	remote unit	VNC	Java-enabled web browser VNC server
5900-5903	tcp	Inbound	remote unit	VNC	VNC server
8848	udp	Inbound	Any	AD discovery	veAutodiscoveryADPort - Discovery of devices, close after setup

Port	Protocol	Direction	Destination System	Process/Service	Description
8992	udp	Inbound	Any	AD discovery	veAutoDiscADScanPort - Discovery of devices, close after setup
12345	udp	Inbound	Any	AD discovery	veAutoDiscADPo - Discovery of devices, close after setup
27000	TCP	Outbound	VideoEdge Licensing	Centralized Licensing	Centralized Licensing for VideoEdge
55555	tcp	Not Applicable	Internally used	Transmit manager	Transmit manager - not used externally
32200-38199	udp	Outbound	Victor Client	Victor Client UDP communication	Default VideoEdge UDP port range (for victor client connections)
32200-38199	udp	Outbound	Any	AD discovery	veAutoDiscMDNS - Discovery of devices, close after setup
32200-38199	udp	Outbound	Any	AD discovery	veAutoDiscScan - Discovery of devices, close after setup
32200-38199	udp	Outbound	Any	AD discovery	veAutoDiscSSDP - Discovery of devices, close after setup
32200-38199	udp	Outbound	Any	UPnP	nvrupnqn
32200-38199	udp	Outbound	Any	AD discovery	veAutoDiscSSD - Discovery of devices, close after setup

Port	Protocol	Direction	Destination System	Process/Service	Description
32200-38199	udp	Bidirectional	Any	AD discovery	veAutoDiscWSDi - Discovery of devices, close after setup
6000-7999	UDP	Bidirectional	Camera/client	RTP/RTCP	RTP/RTCP
9000-9511	udp	Bidirectional	Camera/Client	Multicast	multicast port range
9000-9128	tcp	Bidirectional	Failover NVR	Remote Transcoding and Failover	Remote Transcoding and Failover

Other Port Assignments

Table 3: Other port assignments

Port / Range	Protocol	Direction	Destination System	Process / Service	Description
80	TCP	Bidirectional	everRun	everRun IIS	everRun IIS port (required to be open)
443	TCP	Bidirectional	Web	everRun HTTPS Communications	HTTPS Port for SSL connections with C-CURE Go Stratus (everRun) communication
7144-7145	TCP	Transmit	EMC Replistor	EMC Replistor	For EMC Replistor failover/redundancy
8042-8045	TCP	Transmit	EMC Autostart	EMC AutoStart	For EMC AutoStart failover/redundancy
27000	TCP	Bidirectional	MAS and SAS	TycoESS License software Centralized Licensing	location = vAS, traffic direction from vAS = inbound, Connection initiate from vAS/9000 Client. Used for verifying licenses with Software House. Centralized Licensing for VideoEdge

Integration Port Assignments

Table 4: Integration port assignments

Port / Range	Protocol	Direction	Destination System	Process / Service	Description
1025	TCP	Bidirectional	Sur-Guard	Sur-Guard	Sur-Guard communication
2001	UDP	Bidirectional	iSTAR	ICU.exe	ICU discovery and communication with iSTAR panels.
2600	TCP	Bidirectional	apC	apC Driver	apC Driver
2800	UDP and TCP	Transmit	iSTAR	Host port for iSTAR driver	Host port for incoming non-encrypted iSTAR (Pro and Ultra) connections
2801	TCP	Transmit	iSTAR	iSTAR Fast personnel download host port -	HOST port for non-encrypted fast personal download to iSTAR (Pro and Ultra) panels
2802	TCP	Transmit	iSTAR	Fast image download host port (iSTAR Pro only)	location = vAS, Traffic Direction from vAS = inbound, Connection Initiate from iSTAR panels. Non-encrypted image download for iSTAR Pro.
3001	TCP	Bidirectional	apC	apC Network Comm Port	Comm port on Lantronix device used by apC panel
5000-5003	TCP	Bidirectional	apC	Lantronix Terminal Server	Lantronix Terminal Server

Port / Range	Protocol	Direction	Destination System	Process / Service	Description
7800	UDP	Bidirectional	Bosch	Bosch	Bosch receiver port
7900	UDP	Bidirectional	Bosch	Bosch	Bosch receiver port
8985	TCP	Bidirectional	iSTAR/vAS	BASE ADDRESS OF DRIVER SERVICE	location = Server Base for drivers for iSTAR, VideoEdge, Intellex, etc. used to drive communication
10001-10002	TCP	Bidirectional	Lantronix	serial	DSC serial through Lantronix and Simplex 4100U serial through Lantronix
22609	TCP	Bidirectional	HDVR	HDVR Admin/Line/Alarm Port	HDVR Admin/Line/Alarm Port
28001	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Fast download connection	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
28002	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Fast image download	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
28003	TCP	Bidirectional	iSTAR	iSTAR eX/Edge/Ultra Used by host to accept eX or Edge request for certificate signing	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
28004	TCP	Bidirectional	iSTAR	ISTAR eX/Edge/Ultra Used by eX or Edge to accept a signed certificate	location = encrypted iSTAR Panels, traffic direction from vAS = outbound, connection initiate from vAS

Port / Range	Protocol	Direction	Destination System	Process / Service	Description
28009	TCP	Bidirectional	iSTAR	iSTAR EX/Edge/Ultra master port for incoming member connections	location = master iSTAR, connection initiate from iSTAR panels This port is used to communicate between iSTARs in the same cluster. Not needed for stand-alone iSTARs, but cannot be closed.
28010	TCP	Bidirectional	iSTAR	Host port for incoming iSTAR connections	Port used by stunnel on server for incoming iSTAR panel connection
47808	UDP	Bidirectional	MZX	MZX	MZX fire detection integration
10001 - 10002	TCP	Bidirectional	Honeywell Galaxy panel	Galaxy	Honeywell Galaxy Panel
3072	TCP	Bidirectional	DSC PowerSeries	ITV2	ITV2 – DSC PowerSeries Neo
5001	TCP	Bidirectional	TOA Server	TOA	TOA Intercom server
3001	TCP	Bidirectional	Commend Server	Commend	Commend Intercom server
2004-2005	TCP	Bidirectional	KONE Elevator	KONE Elevator	KONE Elevator

Port / Range	Protocol	Direction	Destination System	Process / Service	Description
45303, 45307, 45308, 46307, 46308, 47307	TCP	Bidirectional	Otis Elevator	Otis Elevator	Otis Elevator
8038-8041	TCP	Bidirectional	ThyssenKrupp Elevator	ThyssenKrupp Elevator	ThyssenKrupp Elevator
47808	TCP	Bidirectional	BACNet controller	BACNet	BACNet Building Management
1001	TCP	Bidirectional	Elpas	Elpas	Elpas real time location
4040, 5050	TCP	Bidirectional	Schindler Elevator	Schindler Elevator	Schindler Elevator
30000	TCP	Bidirectional	CEM CDC Server	CEM	CEM Access Control
8801	TCP	Bidirectional	Entrapass Server	Entrapass	Entrapass Access Control
80	TCP	Bidirectional	Dedicated Micro Recorder	Dedicated Micro	Dedicated Micro video recorder
5050	TCP	Bidirectional	Mastermind System	Mastermind	Mastermind Alarm Management

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