

# SOFTWARE HOUSE

*From Tyco Security Products*

## **C•CURE 9000 and iSTAR Port Assignments**

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The port assignments in this document are valid for C•CURE 9000 2.70, iSTAR Ultra family firmware v6.6.0, iSTAR Pro firmware v5.2.x, and the iSTAR Edge/eX firmware v6.2.x. This document also provides port information for C•CURE 9000 integrations. The main purpose of this port document is to help customers in setting up firewall. This document does not list ports using internally by each device.

Ports are listed by the device that has the port open.

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## C•CURE 9000 Server (victor Application Server)

<b>C•CURE 9000 Server (victor Application Server (vAS))</b>					
<b>Port/ Range</b>	<b>Protocol</b>	<b>Direction</b>	<b>Initiator</b>	<b>Process/ Service</b>	<b>Description</b>
80	TCP	Inbound Listening	Client	IIS for HTTP	Port for IIS, C-CURE web client. If IIS is installed on a different server, please make sure this Inbound listening port is opened for the IIS server.
443	TCP	Inbound Listening	Client	IIS for HTTPS	Port for IIS, C-CURE web client. If IIS is installed on a different server, please make sure this Inbound listening port is opened for the IIS server.
500	UDP	Inbound Listening	Web	IKEEXT svchost.exe	Windows service for IKE and AuthIP IP sec Keying modules. Required for operation of C-CURE.
2800	UDP and TCP	Inbound Listening	iSTAR	Host port for iSTAR driver	Host port for incoming non-encrypted iSTAR (Pro and Ultra) connections
2801	TCP	Inbound Listening	iSTAR	iSTAR Fast personnel download host port -	HOST port for non-encrypted fast personal download to iSTAR (Pro and Ultra) panels
2802	TCP	Inbound Listening	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.
2804	TCP	Inbound Listening	iSTAR Ultra (unencrypted or in Ultra SE Pro Mode)	Fast SQLite personal database download	HOST port for unencrypted fast SQLite personal download to iSTAR Ultra and Ultra SE (in Pro Mode) panels.
2816	TCP	Inbound Listening	iSTAR Ultra	Panel uploads personnel database file to host	Host port for unencrypted uploading SQLite personnel database file.
3000	TCP	Inbound Listening	CCURE web	HTTP for CCURE Web	This port is needed if CCURE web server is installed on the same PC with CCURE server.
3001	TCP	Inbound Listening	CCURE web	HTTPs for CCURE Web	This port is needed if CCURE web server is installed on the same PC with CCURE server.
5984	TCP	Inbound Listening	CCURE Web couch DB	HTTP for CCURE web DB	This port is needed if CCURE web server is installed on the same PC with CCURE server.
7144-7145	TCP	Inbound Listening	EMC Replistor	EMC Replistor	For EMC Replistor failover/redundancy

<b>C•CURE 9000 Server (victor Application Server (vAS))</b>					
<b>Port/Range</b>	<b>Protocol</b>	<b>Direction</b>	<b>Initiator</b>	<b>Process/Service</b>	<b>Description</b>
8005	TCP	Inbound Listening	Windows	System Trace Viewer URI	System Trace Viewer URI
8006	TCP	Inbound Listening	Windows	Remote Hardware Interface List URI	Remote Hardware Interface List URI
8042-8045	TCP	Inbound Listening	EMC Autostart	EMC AutoStart	For EMC AutoStart failover/redundancy
8080	TCP	Inbound Listening	Client	Tomcat6.exe	Communication from Assa Abloy DSR to C-CURE server.
8085	TCP	Inbound Listening	Client	Auto Update	CCURE9000 software Auto Update for clients and SAS from MAS
8985	TCP	Inbound Listening	iSTAR/vAS	Base address of driver service	location = Server Base for drivers for iSTAR, VideoEdge, Intellex, etc. used to drive communication
8995	TCP	Inbound Listening	SAS	Installation, upgrade and repair operations on MAS and SAS	For MAS and SAS installation, upgrade and repair communication between MAS and SAS, only required when SAS needs to be installed. MAS listens, SAS initiates the communication.
8996	TCP	Inbound Listening	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	Inbound Listening	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	Inbound Listening	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	Inbound Listening	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.
8999	TCP	Inbound Listening	MAS and SAS	Installation, upgrade and repair operations on MAS and SAS	For MAS and SAS installation, upgrade and repair communication between MAS and SAS
9090	TCP	Inbound Listening	DSR	CrossFireAssaAbloyDriverService	Communication from C-CURE to DSR server.
9701	TCP	Inbound Listening	iSTAR Ultra	LightTPD.exe	iSTAR Ultra download firmware.

<b>C•CURE 9000 Server (victor Application Server (vAS))</b>					
<b>Port/Range</b>	<b>Protocol</b>	<b>Direction</b>	<b>Initiator</b>	<b>Process/Service</b>	<b>Description</b>
27000	TCP	Inbound Listening	vAS	TycoESS License software	Location = vAS, traffic direction from vAS = inbound, Connection initiate from vAS/9000 Client. Used for verifying licenses with Software House. Services and applications that utilize TycoESS are vAS, CCURE9000License.exe, LicenseManager.exe and Crossfire Framework Service
27010	UDP	Inbound Listening	vAS	TycoESS – License Vendor Daemon	For multiple licenses. Services and applications that utilize TycoESS are vAS, CCURE9000License.exe, LicenseManager.exe and Crossfire Framework Service.
28001	TCP	Inbound Listening	iSTAR	iSTAR eX/Edge/Ultra Fast personnel download connection	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
28002	TCP	Inbound Listening	iSTAR	iSTAR eX/Edge firmware download	location = vAS, traffic direction from vAS = inbound, Connection initiate from encrypted iSTAR panels
28003	TCP	Inbound Listening	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	Inbound Listening	iSTAR	Encrypted iSTAR Ultra SQL Lite database download	location = encrypted iSTAR Panels, traffic direction from vAS = outbound, connection initiate from vAS
28010	TCP	Inbound Listening	iSTAR	Host port for incoming encrypted iSTAR connections	Port used by Stunnel on server for incoming iSTAR panel connection. Stunnel is the secure encrypted wrapper for communication between CCURE9000 server and iSTAR panels.
28016	TCP	Inbound Listening	iSTAR Ultra	Panel uploads personnel database file to host	Host port for encrypted uploading SQLite personnel database file.

iSTAR Edge/eX					
Port/Range	Protocol	Direction	Initiator	Process/Service	Description
80	TCP	Inbound Listening	Web	HTTP	Web connection used for diagnostic website. Port is closed in FIPS mode. Only necessary for diagnostics
1999	TCP	Inbound Listening	iSTAR members, ICU	Configuration	iSTAR port for incoming ICU requests.
2008	TCP	Inbound Listening	PC running iWatch	iWATCH	iWATCH connection port. Not open by default, but can be enabled via webpage diag settings.
28003	TCP	Inbound Listening	Encrypted iSTAR members	encryption	Used to accept signed certificate for encryption.
28009	TCP	Inbound Listening	encrypted iSTAR	Cluster member	iSTAR port for incoming encrypted member requests
1025 - 5000	TCP	Outbound	iSTAR Edge/eX	iSTAR to C-CURE communication	This port number is generated during bootup and is the stunnel communication for CCURE9000 server [port 28010 (stunnel)]. Stunnel is the secure encrypted wrapper for communication between CCURE9000 server and iSTAR panels.
2001	UDP	Inbound Listening	ICU	discovery	iSTAR port for ICU broadcasts
1025	UDP	Inbound Listening	vAS	Windows DNS	Windows DNS, a function of the Windows operating system on the iSTAR which resolves domain names. This port cannot be closed, but is not part of the iSTAR function. Customer can block this port via network firewall.
161	UDP	Inbound Listening	vAS	SNMP	Protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behavior.
137	UDP	Inbound Listening	vAS	Netbios-NS	NetBIOS Name Service. This is a function of Windows and cannot be closed, but is not required for iSTAR operation.
138	UDP	Inbound Listening	vAS	Netbios-DS	NETBIOS Datagram Service. This is a function of Windows and cannot be closed, but is not required for iSTAR operation. Customer can block this port via network firewall.

iSTAR Pro					
Port/Range	Protocol	Direction	Initiator	Process/Service	Description
80	TCP	Inbound Listening	Web	HTTP	Web connection used for diagnostic website. Port is closed in FIPS mode. Only necessary for diagnostics
1999	TCP	Inbound Listening	iSTAR members, ICU	Master	iSTAR master port for incoming non-encrypted member connections, plus incoming ICU requests
2008	TCP	Inbound Listening	PC running iWatch	iWATCH	iWATCH connection port. Not open by default, but can be enabled via webpage diag settings
2001	UDP	Inbound Listening	ICU	discovery	iSTAR port for ICU broadcasts
161	UDP	Inbound Listening	vAS	SNMP	SNMP Protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behavior.
1025	UDP	Inbound Listening	vAS	Windows DNS	Windows DNS, a function of the Windows operating system on the iSTAR which resolves domain names. This port cannot be closed, but is not part of the iSTAR function. Customer can block this port via network firewall.
1025 - 5000	TCP	Outbound	iSTAR Pro	iSTAR to C-CURE communication	This port number is generated during bootup.

## iSTAR Ultra, iSTAR Ultra SE, iSTAR Ultra LT

iSTAR Ultra, iSTAR Ultra SE, iSTAR Ultra LT (Note: iSTAR Ultra SE Pro Mode doesn't support encryption.)					
Port/Range	Protocol	Direction	Initiator	Process/Service	Description
161	UDP	Inbound Listening	vAS	SNMP	Protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behavior.
443	TCP	Inbound Listening	Web	HTTPs	Secure web connection used for diagnostic website. Port is closed in FIPS mode. Only necessary for diagnostics
1999	TCP	Inbound Listening	Non-encrypted iSTAR members, ICU	Master	iSTAR master port for incoming non-encrypted member connections, plus incoming ICU requests.
2001	UDP	Inbound Listening	ICU	discovery	iSTAR port for ICU broadcasts
2008	TCP	Inbound Listening	PC running iWatch	iWATCH	iWATCH connection port. Not open by default, but can be enabled via webpage diag settings
2900	TCP	Inbound Listening	IP-ACM	Communication	iSTAR Ultra GCM listening port for IPACM proprietary encrypted connection
2901	TCP	Inbound Listening	IP-ACM2	Communication	iSTAR Ultra GCM listening port for IPACM2 SSL encrypted connection with default certificate/key.
2902	TCP	Inbound Listening	IP-ACM2	Communication	iSTAR Ultra GCM listening port for IPACM2 SSL encrypted connection with default certificate/key.
28003	TCP	Inbound Listening	Encrypted iSTAR members	encryption	Used to accept signed certificate for encryption.
28009	TCP	Inbound Listening	Encrypted iSTAR	iSTAR Member	iSTAR Ultra incoming encrypted member connection port
30000-61000	TCP	Outbound	iSTAR Ultra/SE/LT	iSTAR to C-CURE communication	This port number is generated during boot up and is the stunnel communication for CCURE9000 server [port 28010 (stunnel)]. Stunnel is the secure encrypted wrapper for communication between CCURE9000 server and iSTAR panels.



## iSTAR Ultra Video

iSTAR Ultra Video						
Destination System	Port/Range	Protocol	Direction	Initiator	Process/Service	Description
iSTAR Ultra Video VideoEdge iSTAR Ultra	80	TCP	Inbound Listening	iUV Web client, VideoEdge web client	HTTP	Web service for the iSTAR diagnostic site, iSTAR Ultra Video site and VideoEdge remote client
iSTAR Ultra Video VideoEdge	443	TCP	Inbound Listening	iUV Web client, VideoEdge web client	HTTPS	Protocol for collecting and organizing information about managed devices on IP networks and for modifying that information to change device behavior
VideoEdge	554	TCP	Inbound Listening	Camera	RTSP	Camera video streaming connections
iSTAR Ultra	1999	TCP	Inbound Listening	Non-encrypted iSTAR members, ICU	Master	iSTAR master port for incoming non-encrypted member connections, plus incoming ICU requests.
iSTAR Ultra	2900	TCP	Inbound Listening	IP-ACM	Communication	Communication between the IP-ACM and iSTAR Ultra family GCM
iSTAR Ultra	2901	TCP	Inbound Listening	IP-ACM2	Communication	Used for SSL encrypted communication between the IP-ACM2 and iSTAR Ultra family GCM
iSTAR Ultra	2902	TCP	Inbound Listening	IP-ACM2	Communication	Reserved for enhanced SSL communication between the IP-ACM2 and iSTAR Ultra family GCM
VideoEdge	3389	TCP	Inbound Listening	RCP client	RDP	XRDP
VideoEdge	55555	TCP	Inbound Listening	Internally Used	Transmit Manager	Transmit manager - not used externally
VideoEdge	25	TCP	Inbound Listening	mail server	SMTP	SMTP
VideoEdge	68	UDP	Inbound Listening	DHCP server	DHCP	Obtaining dynamic IP address (DHCP)
VideoEdge	123	UDP	Inbound Listening	NTP (time server)	NTP	ntp
VideoEdge	161	UDP	Inbound Listening	SNMP manager	SNMP	SNMP
VideoEdge	162	UDP	Inbound Listening	SNMP manager	SNMP	SNMP Trap

iSTAR Ultra Video						
Destination System	Port/Range	Protocol	Direction	Initiator	Process/Service	Description
VideoEdge	623	UDP	Inbound Listening	Remote control (should be closed)	RPC	RPC - standard Linux open port
VideoEdge	1900	UDP	Inbound Listening	Any	UPnP	UPnP
VideoEdge	1900	SSDP	Inbound Listening	Any	AD discovery	veAutoDiscSSDP - Discovery of devices, close after setup
VideoEdge	2980	UDP	Inbound Listening	Any	AD discovery	veAutoDiscScan - Discovery of devices, close after setup
VideoEdge	3702	UDP	Inbound Listening	Web Server/Any	AD discovery	veAutoDiscovery WSDiscovery - Discovery of devices, close after setup
VideoEdge	5353	UDP	Inbound Listening	Any	AD discovery	veAutoDiscMDNS - Discovery of devices, close after setup
VideoEdge	5432	TCP	Inbound Listening	SQL	Postgresql	Postgresql
VideoEdge	5800-5803	TCP	Inbound Listening	remote unit	VNC	Java-enabled web browser VNC server
VideoEdge	5900-5903	TCP	Inbound Listening	remote unit	VNC	VNC server
VideoEdge	8848	UDP	Inbound Listening	Any	AD discovery	veAutodiscoveryADPort - Discovery of devices, close after setup
VideoEdge	8992	UDP	Inbound Listening	Any	AD discovery	veAutoDiscADScanPort - Discovery of devices, close after setup
VideoEdge	12345	UDP	Inbound Listening	Any	AD discovery	veAutoDiscADPo - Discovery of devices, close after setup
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	victor Client UDP communication	Default VideoEdge UDP port range (for victor client connections)
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	AD discovery	veAutoDiscMDNS - Discovery of devices, close after setup
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	AD discovery	veAutoDiscScan - Discovery of devices, close after setup

<b>iSTAR Ultra Video</b>						
<b>Destination System</b>	<b>Port/Range</b>	<b>Protocol</b>	<b>Direction</b>	<b>Initiator</b>	<b>Process/Service</b>	<b>Description</b>
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	AD discovery	veAutoDiscSSDP - Discovery of devices, close after setup
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	UPnP	VideoEdgeupnpn
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	AD discovery	veAutoDiscSSD - Discovery of devices, close after setup
VideoEdge Client	32200-38199	UDP	Outbound	VideoEdge server	AD discovery	veAutoDiscWSDi - Discovery of devices, close after setup
VideoEdge Client/Camera	6000-7999	UDP	Outbound	VideoEdge server	RTP/RTCP	RTP/RTCP
VideoEdge Client/Camera	9000-9511	UDP	Outbound	VideoEdge server	Multicast	multicast port range
Failover NVR	9000-9128	TCP	Outbound	NVR	Remote Transcoding and Failover	Remote Transcoding and Failover
iSTAR Ultra	2001	UDP	Inbound Listening	ICU	discovery	iSTAR port for ICU broadcast
iSTAR Ultra	2008	TCP	Inbound Listening	PC running iWatch	iWATCH	iWATCH connection port
iSTAR Ultra	28009	TCP	Inbound Listening	Encrypted iSTAR	iSTAR Member	iSTAR Ultra incoming encrypted member connection port
iSTAR Ultra	28003	TCP	Inbound Listening	Encrypted iSTAR Ultra members	Certificate signing	Used to accept signing for certificate for encryption

## IP-ACM v1

IP-ACM					
Port/Range	Protocol	Direction	Initiator	Process/Service	Description
80	TCP	Inbound Listening	Web	HTTP	Web connection used for configuration and diagnostics.

## IP-ACM v2

IP-ACM2					
Port/Range	Protocol	Direction	Initiator	Process/Service	Description
443	TCP	Inbound Listening	Web	HTTPS	Secure Web connection used for configuration and diagnostics.

## Innometriks Readers

Innometriks						
Destination System	Port/Range	Protocol	Direction	Initiator	Process/Service	Description
Panel Server	5002, 5050	TCP	Inbound Listening	vAS	PanelServer.exe	Communication between ID Server and C-CURE panel, as well as to GCM.
Enrollment Server	8000	TCP	Inbound Listening	Enrollment Server	EnrollmentServer.exe	Port used for incoming enrollments from C-CURE FICAM client.

## SQL Server

Destination System	Port/Range	Protocol	Direction	Initiator	Process/Service	Description
SQL Server	1433	TCP	Inbound listening	VAS or other SQL Clients	SQL Server	SQL Server default port used for communication between the C-CURE Application Server and the Database Server. Please contact your Database Administrator for the exact ports used.
SQL Server	1434	UDP	Inbound listening	VAS or other SQL Clients	SQL Server Browser	SQL Server Browser Service default port for Dynamic port discovery on the Database Server only if SQL Browsing Services are being used. Please contact your Database Administrator for the exact ports used.

\* See <https://docs.microsoft.com/en-us/sql/sql-server/install/configure-the-windows-firewall-to-allow-sql-server-access> for additional SQL Server information.

<b>ICU (The Windows PC it's running on)</b>					
<b>Port/Range</b>	<b>Protocol</b>	<b>Direction</b>	<b>Initiator</b>	<b>Process/Service</b>	<b>Description</b>
2801	TCP	Inbound Listening	iSTAR	Configuration	ICU host port for iSTAR configuration updates (this port can be changed in ICU).
2001	UDP	Inbound Listening	iSTAR	Discovery	Listening port for iSTAR broadcast.
2910	UDP	Inbound Listening	IP-ACM and IP-ACM2	Discovery	Listening port for IP-ACM broadcast and IP-ACM2 broadcast.
9701	TCP	Inbound Listening	iSTAR	ICU/LightTPD	Server port for FW download to iSTAR Ultra

## Other Components

Destination System	Port/Range	Protocol	Direction	Initiator	Process/Service	Description
everRun Server	22	TCP	Inbound Listening	everRun client	SSH/everRun Stratus Customer Support node Access	This port is open so that Stratus redundancy solution support can access the system via a collaboration session during a support call
everRun Server	53	UDP	Inbound Listening	everRun client	SSH/everRun Active Directory	Connection to the active directory for everRun Stratus redundancy solution
everRun Server	80	TCP	Inbound Listening	everRun client	everRun IIS	everRun IIS port (required to be open) for Stratus redundancy solution
everRun Server/ArcServe server	135	UDP	Inbound Listening	everRun/ArcServe client	ArcServe RHA Control service server and the engine server	Used by many programs and protocols. RHA specifically uses it for the remote installer. This is also used by the Microsoft EPMAP (End Point Mapper) which is the DCE/RPC locator service used to remotely manage services such as DHCP servers. This is for Stratus redundancy solution.
everRun Server/ArcServe server	137	UDP	Inbound Listening	everRun/ArcServe client	ArcServe RHA Control service server and the engine server	NetBIOS Name Service - Windows CIFS/SMB protocol family – used by RHA remote installer. This is for Stratus redundancy solution
everRun Server/ArcServe server	138	UDP	Inbound Listening	everRun/ArcServe client	ArcServe RHA Control service server and the engine server	NetBIOS Datagram Service - Windows CIFS/SMB protocol family – used by RHA remote installer. This is for Stratus redundancy solution.
NTP server	123	UDP	Inbound Listening, Outbound	vAS/CCURE Client	Time Synchronization	For time synchronization.
everRun Server	443	TCP	Inbound Listening	everRun Web client	everRun HTTPS Communications	HTTPS Port for SSL connections with C-CURE Go Stratus (everRun) communication. If IIS is installed on a different server, please make sure this Inbound listening port is opened for the IIS server. This is for Stratus redundancy solution.
VideoEdge NVR	80	TCP	Inbound Listening	vAS, VideoEdge Client	VideoEdge NVR Admin/Alarm Port	VideoEdge NVR Admin/Alarm Port

LDAP Server	389	TCP	Inbound Listening	vAS, LDAP Clients	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
VideoEdge NVR	554	TCP	Inbound Listening	vAS, VideoEdge Client	RTSP stream	VideoEdge NVR Live Port
ArcServe server	1025	TCP	Inbound Listening	ArcServe client	ARCSERVE RHA Control service center Windows DNS	Windows active directory port, RHA connects to AD to discover some Windows domain configuration/settings and resources to be replicated (Exchange servers, DNS server, etc.)
Sur-Guard	1025	TCP	Inbound Listening	vAS	Sur-Guard	Sur-Guard communication
everRun Server	2188-2189	TCP	Inbound Listening	everRun client	everRun quorum service computers and XenServer hosts	Stratus redundancy solution everRun quorum service computers and XenServer hosts
Assa Abloy DSR	2571	TCP	Inbound Listening	vAS	CrossFireAssaAbloyDriverService	Assa Abloy Lock communication to the DSR.
Intellex Server	5000	TCP	Inbound Listening	vAS	Intellex Base	Intellex Base
Intellex Server	5001	TCP	Inbound Listening	vAS	Intellex Live	Intellex Live
Intellex Server	5003	TCP	Inbound Listening	vAS	Intellex Alarm	Intellex Alarm
ISC	5000	TCP	Inbound Listening	vAS	ISC Controller communication	ISC Controller communication, alternative 6000 port. ISC is not supported in C-CURE 9000 v2.30 or later.
ISC	5001	TCP	Inbound Listening	vAS	ISC Controller communication	ISC Controller communication, alternative 6001 port. ISC is not



						supported in C-CURE 9000 v2.30 or later.
ISC	5002	TCP	Inbound Listening	vAS	ISC Controller communication	ISC Controller communication, alternative 6002 port. ISC is not supported in C-CURE 9000 v2.30 or later.
ISC	5003	TCP	Inbound Listening	vAS	ISC Controller communication	ISC Controller communication, alternative 6003 port. ISC is not supported in C-CURE 9000 v2.30 or later.
ISC	5025	TCP	Inbound Listening	vAS	ISC Point Change Port	ISC Point Change Port. ISC is not supported in C-CURE 9000 v2.30 or later.
ISC	5026	TCP	Inbound Listening	vAS	ISC Version Attendance Port	ISC Version Attendance Port. ISC is not supported in C-CURE 9000 v2.30 or later.
everRun server	5900	TCP	Inbound Listening	everRun client	VNC with Linux VMs	Stratus Redundancy solution everRun communication for failover/redundancy
Bosch	7800	UDP	Inbound Listening	vAS	Bosch	Bosch receiver port
Bosch	7900	UDP	Inbound Listening	vAS	Bosch	Bosch receiver port
everRun server	8080-8081	TCP	Inbound Listening	everRun client	everRun eAC	Stratus Redundancy solution everRun eAC communication for failover/redundancy
Assa Abloy DSR	9090	TCP	Inbound Listening	vAS	CrossFireAssaAbloyDriverService	Communication from C-CURE to DSR server.
Lantronix	10001-10002	TCP	Inbound Listening	DSC serial through Lantronix and Simplex 4100U serial through Lantronix	serial	DSC serial through Lantronix and Simplex 4100U serial through Lantronix
HDVR	22609	TCP	Inbound Listening	vAS	HDVR Admin/Line/Alarm Port	HDVR Admin/Line/Alarm Port

MZX	47808	UDP	Inbound Listening	vAS	MZX	MZX fire detection integration
Honeywell Galaxy panel	10001 - 10002	TCP	Inbound Listening	vAS	Galaxy	Honeywell Galaxy Panel
DSC PowerSeries	3072	TCP	Inbound Listening	vAS	ITV2	ITV2 – DSC PowerSeries Neo
TOA Server	5001	TCP	Inbound Listening	vAS	TOA	TOA Intercom server
Commend Server	3001	TCP	Inbound Listening	vAS	Commend	Commend Intercom server
KONE Elevator	2004-2005	TCP	Inbound Listening	vAS	KONE Elevator	KONE Elevator
Otis Elevator	45303, 45307, 45308, 46307, 46308, 47307	UDP	Inbound Listening	vAS	Otis Elevator	Otis Elevator
ThyssenKrupp Elevator	8038-8041	UDP	Inbound Listening	vAS	ThyssenKrupp Elevator	ThyssenKrupp Elevator
BACNet controller	47808	TCP	Inbound Listening	vAS	BACNet	BACNet Building Management
Elpas	1001	TCP	Inbound Listening	vAS	Elpas	Elpas real time location
Schindler Elevator	4040, 5050	TCP	Inbound Listening	vAS	Schindler Elevator	Schindler Elevator
CEM CDC Server	30000	TCP	Inbound Listening	vAS	CEM	CEM Access Control

Entrapass Server	8801	TCP	Inbound Listening	vAS	Entrapass	Entrapass Access Control
3VR Recorder	8080	TCP	Inbound Listening	vAS	3VR	3VR video recorder
Bosch Recorder	80	TCP	Inbound Listening	vAS	Bosch Video	Bosch video recorder
Matrix Recorder	8016	TCP	Inbound Listening	vAS	Matrix Video	Matrix video recorder
Dedicated Micro Recorder	80	TCP	Inbound Listening	vAS	Dedicated Micro	Dedicated Micro video recorder
Mastermind System	5050	TCP	Inbound Listening	vAS	Mastermind	Mastermind Alarm Management

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