Firewall configuration guide

Document purpose	This document covers adjusting software firewall settings so that the firewall does not interfere with the Cornerstone* Software. IDEXX recommends a hardware firewall and Trend Micro* Worry-Free* Business Security Services, which includes a software firewall. IDEXX does not support and will not assist in the configuration of other software firewalls, including the Microsoft* Windows* Firewall.		
Trend Micro Worry-Free Business Security Services	If you purchased Trend Micro Worry-Free Business Security Services from IDEXX, you do not need to make any adjustments because IDEXX has made all the necessary adjustments.		
	Note: If you purchased Trend Micro software elsewhere, see the firewall settings below.		
Firewall settings	The following exceptions are required on your LAN (local area network) when using a firewall. Please consult your firewall administrator if additional assistance is needed.		
	Allow programs: • Cornerstone Software • dbsrv16.exe		
	Add inbound rules [†]		
	Internet protocol	Port(s)	Name
	TCP	104	DICOM* Services
	UDP	137, 138	Windows File Sharing, on database server only
	TCP	139, 445	Windows File Sharing, on database server only
	TCP	2638	Cornerstone Database
	ТСР	2639	Mobile Computing Database, on mobile computer only
	TCP	7777	IDEXX Search Server
	TCP	8080–8085	IDEXX Services, including Application Service, on database server only
	TCP	8090	IDEXX Interlink*
	ТСР	8091	IDEXX Labs Service, on database server only
	TCP	8092	IDEXX Install Service
	ТСР	45500	IDEXX Client Connector, DEFAULT_SERVER_PORT
	TCP	45501	IDEXX Client Connector, DEFAULT_FILE_PORT
	ТСР	45599	IDEXX Client Connector, DEFAULT_GROUP_PORT
	If you are using the IDEXX backup solution:		
	TCP/UDP	2546, 807, 8086, 8087	IDEXX Data Backup and Recovery Services (formerly VetVault*)
	† For inbound firewalls only. Outbound firewalls may require additional configuration.		

Port numbers above 500 are typical values. If those ports are occupied by other services on the server, port numbers will be replaced with substitute port numbers based on availability.

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