

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
TCP	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*
TCP	8091	IDEXX Labs Service, on database server only
TCP	8092	IDEXX Install Service
TCP	45500	IDEXX Client Connector, DEFAULT_SERVER_PORT
TCP	45501	IDEXX Client Connector, DEFAULT_FILE_PORT
TCP	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*)
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† 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.