

IDEXX-PACS Imaging Software recommended settings

The IDEXX-PACS* Imaging Software can sometimes be blocked by firewall, antivirus, or other settings in the Windows* operating system; the interference can cause varied behavior.

This document outlines the port, URL, and other configuration settings IDEXX recommends for computers used to run the IDEXX-PACS software. This information can be used to help configure computers and other devices within your network.

Recommended software version: IDEXX-PACS* 4.2 or later

Computer name length restriction: All computers running the IDEXX-PACS software must have a computer name of 15 characters or less, owing to Microsoft* limitations.

Local ports and applications that your firewall software must not block

Program/Services	Ports	Description/purpose
MySQL* database	3306	IDEXX-PACS database (IDEXX-PACS 4.2 and later)
IDEXX-PACS application server	8081 and/or 40656	Services broadcast from IDEXX-PACS; allows workstations to connect to the IDEXX-PACS database
DICOM* services	104	Image transfer for DICOM files
SmartService* Solutions	443 (SSL)	Secure connection to IDEXX servers for remote assistance and troubleshooting
IDEXX InterLink* technology	8090	Enables communication between IDEXX-PACS and AVImark*/Cornerstone* software
Windows* sharing service	139	Allows folders to be shared between programs or computers
pacs.exe	N/A	The IDEXX-PACS program
dbsrv7.exe	2638	IDEXX-PACS Sybase* database (IDEXX-PACS* 4.1 and earlier)
Hosted DICOM/IDEXX Web PACS	11112	IP address: 54.208.114.60 IDEXX Web PACS application entity (AE) information for communication between IDEXX-PACS and IDEXX Web PACS

External URLs affiliated with IDEXX Diagnostic Imaging

Program/service	API URL(s)	Description/purpose
ImageManager	~.idexximagemanager.com ~.idexximageviewer.com	Allows the user to view images stored in IDEXX Web PACS.
IDEXX Web PACS	~.idexximagebank.com https://s3.amazonaws.com	IDEXX cloud-based PACS that integrates with IDEXX-PACS software and with several practice information management systems
DVMInsight*	~.dvminsight.com	Telemedicine service offered by IDEXX
VetMedStat*	~.vetmedstat.com	Telemedicine service offered by IDEXX

Key IDEXX-PACS software functions to configure

Software function	Setting	Description
Firewall	Firewall exceptions	<p>Your local area network (LAN) must allow the following program exceptions when using a firewall:</p> <p style="padding-left: 40px;">IDEXX-PACS software and local ports noted above</p> <p>IDEXX recommends using a hardware firewall. For general firewall configuration details specific to Cornerstone Software, view the <i>Firewall Configuration Guide</i> at idexx.com/files/small-animal-health/products-and-services/practice-information-management/cornerstone-software/firewall-configuration-guide.pdf</p> <p>Consult your firewall administrator if you need assistance.</p>
Remote DICOM server and modality worklist connections	IDEXX-PACS settings used to add or edit a remote or modality worklist server	<p>In the Settings  window, select DICOM Services > Remote Servers and then:</p> <ol style="list-style-type: none">1. Click Add New Server, or to edit a server, click in the server row.2. Add or edit the following information. The person or company in charge of the remote server can provide values for the items:<ul style="list-style-type: none">• Server Name: The name of the server you want to send DICOM images to (or the name of your practice management system server if setting up a modality worklist connection). Note: If you are setting up IDEXX DICOM services on more than one server, be sure to give the servers different names.• Server Address: The server's IP address.• Port #: The server's port number.• AE Title: The application entity title (i.e., official name) of the server.3. If the remote server is your own practice management system server and you want to set up a modality worklist connection to that server:<ul style="list-style-type: none">• In the MWL SCP drop-down list, select the practice management system server.• If you want the IDEXX-PACS software to send status messages about the request back to that server, select the server name in the MPPS SCP drop-down list. <p>Note: Some practice management systems, such as Cornerstone software and AVImark* software, can be closely integrated with your IDEXX Diagnostic Imaging software. If your systems are integrated:</p> <ul style="list-style-type: none">• Start your radiograph requests from the practice management software. Always include notes that specify the shots to be taken. The requests will be sent automatically to the IDEXX-PACS software.• Captured images will be returned automatically to the patient record and added to the patient invoice.

Software function	Setting	Description
Email accounts and defaults	<ul style="list-style-type: none"> SMTP server name, user name, password, and port SSL support 	<p>In the Settings  window, click Email and then:</p> <ol style="list-style-type: none"> In the SMTP Server Name text box, type the name of your email server. In the SMTP User Name and SMTP Password text boxes, type the information that the software needs to log in to your email server. Type the port number of the computer from which email will be sent. Select the Enable SSL check box if your email provider requires SSL (Secure Socket Layer) ports. Many Internet email providers have this requirement. In the Default Email Attachment File Type drop-down list, select the default file format for sending images. (You can select a different format when you email the images.) In the Default Send Email Address text box, type the address to be listed as the sender. In the Reply Email Address text box, type the address to which the recipient should reply. Click Save to save and close the window, or click Apply to save without closing. <p>Note: Each time you change your email password you must update your password within these IDEXX-PACS settings.</p>
Telemedicine services	Online connection to telemedicine providers	<p>In the Settings  window, click Telemedicine Provider and then:</p> <ol style="list-style-type: none"> To add a provider, click Add. In the Name box, type a display name for this provider. Skip the Homepage box—it will support future functionality. In the API URL box, type the web address for the telemedicine provider. Be sure to start the address with <code>http://</code> or <code>https://</code>, as instructed by your telemedicine provider. For IDEXX Telemedicine Consultants, type the following: <code>https://api.vetmedstat.com/vmsintegrations/vmstms.asmx</code> In the Login and Password boxes, type the login name and password you use to log in to the telemedicine provider's website. In the Authentication drop-down list, choose the password authentication method that your telemedicine provider specifies. Click the row to select it, and then click Apply. Click Test Tele-provider. A message tells you whether the connection is successful. Click Save to save and close the window, or click Apply to save without closing.

If you have any questions or need help, call IDEXX Diagnostic Imaging Customer Support at **1-877-433-9948**.