

Customer Tips

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November 2, 2005

... for the user

How SMARTsend Uses Ports

Purpose

This document describes the ports that the SMARTsend application utilizes. If you have issues installing or using SMARTsend, check that your network does not block ports that SMARTsend uses. Modifying the port numbers to values other than the defaults listed in the following table may also result in installation or functionality issues, therefore we recommend you use the default port values whenever possible.

How to Use this Document

The following table contains information divided into sections that address incoming (listening) ports and outgoing (sending) ports. The protocols/ports required by a SMARTsend installation varies based on the configuration of the SMARTsend server and the network environment. In addition, all traffic is not required to travel throughout the entire network. Analyze each protocol to determine the available traffic restrictions. For more information about how SMARTsend works, please consult the *Installation and Administration Guide* or the *User Guide* that comes with the SMARTsend software.

The port numbers in the table represent the default ports that IIS or other applications use. These ports are configurable. Xerox recommends that you use the default ports to insure easy installation and use of SMARTsend.

This document applies to these **Xerox** products:

x	WC Pro 232/238/245/255/ 265/275
x	WC 232/238/245/255/ 265/275
x	WC Pro C2128/C2636/ C3545
x	WC Pro 165/175
	WC M165/M175
x	WC Pro 32/40 Color
x	WC Pro 65/75/90
x	WC Pro 35/45/55
	WC M35/M45/M55
x	DC 555/545/535
x	DC 490/480/470/460
x	DC 440/432/425/420
	DC 332/340
	DC 265/255/240
	DC 220/230
	DCCS 50

Protocol	Port Number(s)	Comments
Incoming (Listening)		
FTP	20, 21	Used to receive documents from Xerox devices configured to use FTP filing.
HTTP	80	Required for communicating with remote Web browsers that access the SMARTsend application.
HTTPS	443	Required for communicating with remote Web browsers that access the SMARTsend application when the security selected requires SSL.
CIFS/SMB	137-139, 445	Used to receive documents from Xerox MFDs configured to use SMB filing.
SQL Server	1433	Used to restrict traffic to the local subnet of the SMARTsend server.
Kerberos	88	Used to authenticate users.
SMARTsend IPC Notification	9224	Used to restrict traffic to the local subnet of the SMARTsend server.

Protocol	Port Number(s)	Comments
Outgoing (Sending)		
FTP	20, 21	Required to allow workflow publication to Xerox MFDs if they are configured to use FTP filing. Used to transfer documents to FTP destinations.
SMTP	25	Required to enable SMARTsend to send email.
HTTP	80	Required for filing to repositories which are HTTP or WebDAV enabled (for example, DocuShare and Sharepoint).
POP3	110	Required to retrieve documents with PaperWare cover sheets submitted via IFAX or email.
CIFS/SMB	137-139, 445	Required to allow workflow publication to Xerox MFDs if they are configured to use SMB filing. Used to transfer documents to network folder destinations.
SNMP	161	Used to configure Xerox MFDs.
Kerberos	88	Used to authenticate users.
HTTPS	443	Required for filing to repositories which are HTTPS or WebDAV enabled (for example, DocuShare and Sharepoint).
SQL Server	1433	Used to restrict traffic to the local subnet of the SMARTsend server.
NetWare (NCP)	20, 111, 396, 524, 2049	Used to transfer documents to Netware Folder destinations.
LDAP	389, 3268	Used for email address lookup.
LPR	515	Required for workflows that use Remote Printer functionality.
Domino/Domino.DOC	63148	Required for workflows with Domino or Domino.DOC destinations.

Additional Information

Xerox Customer Support welcomes feedback on all documentation - send feedback via e-mail to: USA.DSSC.Doc.Feedback@mc.usa.xerox.com.

You can reach Xerox Customer Support at 1-800-821-2797 (USA), TTY 1-800-855-2880 or at <http://www.xerox.com>.

Other Tips about Xerox multifunction devices are available at the following URL: <http://www.office.xerox.com/support/dctips/dctips.html>.

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