Xerox Security Bulletin XRX12-005
Software update to remove protocols
v1.1
03/25/13

Background

The Xerox devices listed below were shipped with certain protocols enabled that, if properly exploited, could be used to gain unauthorized access to the system. These particular protocols should not have been present in the production configuration and need to be removed from that configuration to minimize the possibility of unauthorized system access.

A software solution (patch P49) is provided for the products listed below. This solution will remove from the production configuration the unwanted protocols in question so they can't be exploited to gain unauthorized access to the system.

This solution is designed to be installed by the customer. The software solution is compressed into a 3 KB zip file and can be accessed via the link below or via the link following this bulletin announcement on www.xerox.com /security.

http://www.xerox.com/downloads/usa/en/c/cert_P49v1_Patch.zip

This solution is classified as a **Moderate** patch.

Please follow the instructions starting on page 2 for each affected product to install the P49 patch.

Applicability

This patch applies to network-connected versions[1] only of the following products:

ColorQube®	WorkCentre®	WorkCentre®	WorkCentre Pro®
9201	232	5745	232
9202	238	5755	238
9203	245	5765	245
9301	255	5775	255
9302	265	5790	265
9303	275	6400	275
	5030	7525	
	5050	7530	
	5135	7535	
	5150	7545	
	5632	7556	
	5638	7655	
	5645	7665	
	5655	7675	
	5665	7755	
	5675	7765	
	5687	7775	
	5735	Bookmark 40	
	5740	Bookmark 55	

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[1]If the product is not connected to the network, it is not vulnerable and therefore no action is required.

Instructions (What must to be done If I have one of the affected products?)

Determine what actions, if any, need to be performed to prep the device for patch installation and then install the P49 patch:

1. Determine the current System Software version or the ESS Controller Version on your device by printing a Configuration Report. To print a Configuration Report follow the instructions for how to print a Configuration Report in the System Administrator Guide for each product in question.
2. Determine if any action needs to be taken based on the System Software version, or the ESS Controller Version listed on the Configuration Report for each device. This is done by following steps 3 through 6.
3. Determine the appropriate Patch Installation Action Table to follow starting on page 3 by looking for your product number at the top of each chart, and matching it to your specific product.
4. Locate either the System Software version or the ESS Controller Version in the chart that matches or falls within the listed Software versions.
5. From the directions in the Patch Installation Action Table for the affected product and System Software version or the ESS Controller Version determine what action(s) , if any, have to be taken before the P49 patch can be installed.
6. Perform the indicated action(s) to get your device ready to install the P49 patch.
7. Once your device is ready to install the P49 patch, follow the instructions below under Install the Patch on page 6 to install the P49 patch on the device.

Patch Installation Action Tables

The following tables indicate what actions, if necessary, are needed before the P49 patch can be installed on an affected device:

For CQ 9201/9202/9203

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	060.050.009.03614 to 060.050.009.30815[2]	060.059.07210 to 061.059.34940	No	Upgrade to 060.050.009.30823 or greater	Load P49 Patch	061.050.05551.P49v1 or greater
2	061.050.220.15200 or greater[2]	061.050.15440 or greater	Yes	Load P49 patch	-	061.050.15440.P49v1 or greater
3	060.080.009.30824 or greater[2]	061.080.06850 or greater	Yes	Load P49 patch	-	061.080.06850.P49v1 or greater

For CQ 9301/9302/9303

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	061.180.101.04101 or greater	061.181.04120 or greater	Yes	Load P49 patch	-	061.181.04120.P49v1 or greater

For WC/WCP 232/238/245/255/265/275[3,4]

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	*.027.24.000 to *.060.18.000	040.010.#0930 to 040.022.#1031	No	Call Service to upgrade to *.060.22.000 or greater	Load P49 patch	040.022.#10131.P49v1 or greater
2	*.60.22.000 or greater	040.022.#10131 or greater	Yes	Load P49 patch	-	040.022.#10131.P49v1 or greater

For WC 5030/5050

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	5.003.07.000 to 5.003.07.013	1.08.535.01 to 1.08.554.01	No	Call Service to upgrade to 5.004.44.000 or greater	Load P49 patch	001.035.547.01.P49v1 or greater
2	5.004.44.000 or greater	001.035.547.01 or greater	Yes	Load P49 patch	-	001.035.547.01.P49v1 or greater

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[2] Devices with Common Board Controller architecture
[3] For the WC/WCP 2xx, '**' will be 12 for WorkCentre models; 13 for WorkCentre Pro models and 14 for WorkCentre Models with Postscript
[4] For the WC/WCP 2xx, '#' will be 0 for WorkCentre models; 5 for WorkCentre Pro models and 1 for WorkCentre Models with Postscript

For WC 5135/5150

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	21.120.039.000 or greater	060.109.10507 or greater	Yes	Load P49 patch	-	060.109.10507.P49v1 or greater

WC 5632/5638/5645/5655/5665/5675/5687

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	21.113.002.091[5] to 21.120.039.000[5]	050.060.51011 to 060.109.10507	No	Call Service to Upgrade to 21.120.052.000 or greater	Load P49 patch	061.100.06940.P49v1 or greater
2	21.120.031.000[5] to 21.120.050.000[5]	060.108.35300 to 061.100.05640	No	Call Service to Upgrade to 21.120.052.000 or greater	Load P49 patch	061.100.06940.P49v1 or greater
3	21.120.052.000 or greater[5]	061.100.069400 or greater	Yes	Load P49 patch	-	061.100.06940.P49v1 or greater
4	25.054.010.000[6] to 25.054.050.000[6]	060.068.25600 to 061.060.05640	No	Upgrade to 25.054.053.000 or greater	Load P49 patch	061.060.07040.P49v1 or greater
5	25.054.053.000 or greater[6]	061.060.07040 or greater	Yes	Load P49 patch	-	061.060.07040.P49v1 or greater

For WC 5735/5740/5745/5755/5765/5775/5790

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	061.130.000.04205 to 061.131.221.10401	061.130.06150 to 061.131.10221	No	Upgrade to 061.132.221.21403 or greater	Load P49 patch	061.131.10221.P49v1 or greater
2	061.132.221.21403 or greater	061.131.10221 or greater	Yes	Load P49 patch	-	061.131.10221.P49v1 or greater

For WC 6400

	If Your Software Version Is System SW	Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
1	060.070.109.11407or greater	Yes	Load P49 patch	-	<Network Controller Version>.P49v1

For WC 7525/7530/7535/7545/7556

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				
1	061.120.100.20700 or greater	061.120.20710 or greater	Yes	Load P49 patch	-	061.120.20710.P49v1 or greater

For WC 7655/7665/7675

	If Your Software Version Is		Ready for	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller				

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[5] Devices with Multi-Board Controller architecture
[6] Devices with Single Board Controller architecture

			Patch?			
1	040.032.50855 to 040.032.55100[7]	040.032.50855 to 040.032.55100	No	Upgrade to 040.033.50500 or greater	Load P49 patch	040.033.50500.P49v1 or greater
2	040.033.50500 or greater	040.033.50500 or greater	Yes	Load P49 patch	-	040.033.50500.P49v1 or greater

For WC 7755/7765/7775

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	**Net Controller**				
1	060.090.009.23712 to 061.090.221.36200	060.099.23310 to 061.091.36120	Yes	Load P49 patch	-	060.099.23310.P49v1 or greater
2	061.090.222.09400	061.092.09020	Patch Not Needed	None	--	061.092.09020

For WC Bookmark 40/55[8,9]

	If Your Software Version Is		Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
	System SW or	**Net Controller**				
1	**.070.09.000 or greater	040.022.x1031 or greater	Yes	Load P49 patch	-	040.022.y1031.P49v1 or greater

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[7] Applies only to the WC 7655 and 7665 models
[8] For WC Bookmark 40/55, '**' will be 12 for PCL Connected models; 13 for PostScript, Scan Connected Models and 14 for just PostScript models
[9] For WC Bookmark 40/55, 'x' will be 0 for PCL Connected models; 5 for PostScript, Scan Connected Models and 1 for just PostScript models

Install the Patch

You must download the patch. The patch is packaged in a ZIP format. Download the ZIP file from the URL provided and extract the contents to a convenient location on your desktop. Do not try to open the P49v1.dlm file; this is the P49 patch and must be loaded on the MFD as is.

Patch Installation Methods
This patch can and should be installed by the customer. There are a variety of methods available for this.
- Send an Upgrade / Patch file to the device using the device web page for Machine Software Upgrade method.
- Upgrade / Patch a single device using an LPR command.
- Upgrade / Patch several devices using a batch of LPR commands.
- Using XDM and CentreWare Web to send Upgrade / Patch files to several devices.

For the P49 patch it is recommended that the patch be installed using the Machine Software Upgrade Method.

Make sure that software upgrade is set to 'Enabled' on the device before attempting to install the P49 patch.

For additional information on the above methods refer to Customer Tip "How to Upgrade, Patch or Clone Xerox Multifunction Devices" (http://www.office.xerox.com/support/dctips/dc06cc0410.pdf)

Machine Software (Upgrade) Method
1) Open a web browser and connect to the multifunction device by entering the device's IP address.
2) Login with Admin credentials
3) Select the "Index" icon in the upper right corner.
4) Select "Manual Upgrade".
5) At the Upgrade screen, select Browse button to find and select the file (P49v1.dlm).
6) Press the "Install Software" button.
7) The patch will install automatically and the machine will reboot.
8) When the patch install is complete, a Configuration Report will be printed and the Network Controller version listed on the configuration report will have the patch name ('P49v1') appended to it. The Network Controller version listed on the Configuration Report obtained from the CentreWare Internet Services (CWIS) web interface will also will have the patch name ('P49v1') appended to it.

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