Xerox Security Bulletin XRX13-008
Software Release to Eliminate Unauthorized Access
v1.0
10/21/13

Background

The Xerox products listed below **contain** code for implementing a remote protocol that could be exploited to gain unauthorized access to the device.

The software release indicated below will perform the following action:
- Remove the affected code that unintentionally created the unauthorized access potential.

A software release for the products listed below has been provided. This release is designed to be installed by the customer. The software release is contained in a zip file and can be accessed via the links below or via the links following this bulletin announcement on www.xerox.com /security:
- ColorQube 92xx CBC: http://www.xerox.com/downloads/usa/en/c/cert_061.050.223.04800.zip.
- ColorQube 92xx SBC: http://www.xerox.com/downloads/usa/en/c/cert_061.080.223.05100.zip.
- WorkCentre 6400: http://www.xerox.com/downloads/usa/en/c/cert_061.070.100.24201.zip.
- WorkCentre 75xx:. http://www.xerox.com/downloads/usa/en/c/cert_061.121.222.06508.zip.
- WorkCentre 77xx: http://www.xerox.com/downloads/usa/en/c/cert_061.090.223.21400.zip.

These firmware solutions are classified as a **Moderate** update.

Please follow the instructions starting on page 2 for each affected product to install this software release.

Applicability

This bulletin applies to network-connected version[1] only of the following product:

ColorQube	WorkCentre
9201	6400
9202	7525
9203	7530
	7535
	7545
	7556
	7755
	7765
	7775

Acknowledgment

Xerox wishes to thank Andrei Costin (at www.firmware.re project) for initially notifying us of this vulnerability.

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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 be done if I have one of the affected products)

Determine what actions, if any, need to be performed to prepare the device for installation of the software release:
1. Determine the current Controller Software version on your device by printing a Configuration Page. To print a Configuration Page, follow the instructions below or the appropriate instructions in the User Guide for the applicable product.
2. Determine if any action needs to be taken based on the Controller Software version listed on the Configuration Page for each device. This is done by following steps 3 through 7.
3. Determine the appropriate 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 the Controller Software version in the chart that matches or falls within the listed Controller Software versions.
5. From the directions in the Installation Action Table for the affected product and Controller Software version, determine what action, if any, has to be taken before the Controller Software version listed on pages 3 and 4 can be installed.
6. Perform the indicated action to get your device ready to install the Controller Software.
7. Once your device is ready to install the Controller Software, follow the Software Installation Instructions starting on page 5 to install the Controller Software on the device.

Instructions for Printing a Configuration Report

1. At the printer control panel, press the **Machine Status** button.
2. On the Machine Information tab touch **Information Pages** > **Configuration Report** > **Print**.
3. Touch **Close** after the report prints.

Installation Action Table

The following tables indicate what actions, if necessary, need to be performed on the affected device:

For ColorQube 9201/9202/9203 CBC

	If Your Software Version Is		Next step:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller		
1	Less than 061.050.223.04800	Less than 061.053.04540	Upgrade to 061.050.223.04800	061.050.223.04800 / 061.053.04540
2	061.050.223.04800 or greater	061.053.04540 or greater	None	061.050.223.04800 / 061.053.04540 or greater

Notes:

1. If System Software Version 061.050.220.30800 is installed on your device, before you can upgrade to System Software Version 061.050.223.04800 you must first install the 30800UpgradePatch.dlm file before installing System Software Version 061.050.223.04800. Please contact the Xerox Support Center to obtain the 30800UpgradePatch.dlm file, and then follow the **Machine Software (Upgrade) Method** instructions (where 30800UpgradePatch.dlm would be the DLM filename entered in the instructions).

For ColorQube 9201/9202/9203 SBC

	If Your Software Version Is		Next step:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller		
1	Less than 061.080.223.05100	Less than 061.083.04940	Upgrade to 061.080.223.05100	061.080.223.05100 / 061.083.04940
2	061.080.223.05100 or greater	061.083.04940 or greater	None	061.080.223.05100 / 061.083.04940 or greater

For WorkCentre 6400

	If Your System SW Version Is	Next step:	System SW Version Will Now Show:
1	Less than 061.070.100.24201	Upgrade to 061.070.100.24201	061.070.100.24201
2	061.070.100.24201or greater	None	061.070.100.24201 or greater

For WorkCentre 7525/7530/7535/7545/7556

	If Your Software Version Is		Next step:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller		
1	Less than 061.121.222.06508	Less than 061.122.04425	Upgrade to 061.121.222.06508	061.121.222.06508 / 061.122.04425
2	061.121.222.06508 or greater	061.122.04425 or greater	None	061.121.222.06508 / 061.122.04425 or greater

Note:

If you use Scan to File, when upgrading to System Software Version 061.121.222.06502 or higher from any release level that is less than System Software Version 061.121.222.06502 a pre-upgrade patch 361372v1.dlm will need to be installed before upgrading to this latest release[2]. The pre-upgrade patch will retain the Default Scan Template settings that were made prior to loading System Software Version 061.121.222.06502 or a later version. If you upgrade to System Software Version 061.121.222.06502 or higher without loading the pre-upgrade patch first, the Default Scan Template settings will reset back to their factory default values; you will then need to manually set the Default Scan Template to the desired settings.

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[2]The pre-upgrade patch 361372v1.dlm can be found in the Pre_Upgrade_Patch.zip file that is included as part of the cert_061.121.222.06508.zip file.

For WorkCentre 7755/7765/7775

	If Your Software Version Is		Next step:	Network Controller/ESS Will Now Show:
	System SW or	Net Controller		
1	Less than 061.090.223.21400	Less than 061.093.21420	Upgrade to 061.090.223.21400	061.090.223.21400 / 061.093.21420
2	061.090.223.21400 or greater	061.093.21420 or greater	None	061.090.223.21400 / 061.093.21420 or greater

Install the Release

You must download the applicable release. The release 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 dlm file; it must be loaded on the MFD as is.

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

For the releases mentioned in this bulletin, 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 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) Extract the DLM file from the applicable zip file.
2) Open a web browser and connect to the multifunction device by entering the device's IP address.
3) Login with Admin credentials.
4) Select the "Index" icon in the upper right corner.
5) Select "Manual Upgrade."
6) At the Upgrade screen, select Browse button to find and select the applicable DLM file:
    • ColorQube_9201-9203_system-sw#06105022304800#.DLM for the ColorQube 9201/9202/9203 CBC.
    • ColorQube_9201-9203_system-sw#06108022305100#.DLM for the ColorQube 9201/9202/9203 CBC.
    • WorkCentre_6400-system-sw#06107010024201#.DLM for the WorkCentre 6400.
    • WorkCentre_7500-system-sw#06112122206508#.DLM for the WorkCentre 7525/7530/7535/7545/7556.
    • WorkCentre_7700-system-sw06109022321400.DLM for the WorkCentre 7755/7765/7775.
7) Press the "Install Software" button.
8) The release will install automatically. and the machine will reboot.
9) When the install is complete, a Configuration Report will be printed with the new Network Controller version listed on the configuration report. The Network Controller version listed on the Configuration Report obtained from the CentreWare Internet Services (CWIS) web interface will also will have the new Network Controller version listed.

Disclaimer