



Xerox Security Bulletin XRX10-002

Software update to address Authorization Bypass Vulnerabilities

v1.0
01/22/10

Background

Vulnerabilities exist in the Network Controller and Web Server of the products listed below. If exploited these vulnerabilities could permit an attacker to either bypass Scan to Mailbox authorization to access mailboxes stored on the device or bypass web server authorization to view device configuration settings. Customer and user passwords are not exposed.

A software solution (patch P41) is provided for the product listed below. This solution is designed to be installed by the customer. Please follow the procedures below to install the solutions to protect your product from possible attack through the network.

The software solution is compressed into a 2.6 MB 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/security).

http://www.xerox.com/downloads/usa/en/c/cert_WC56xx_P41v7_Patch.zip

This solution is classified as an **Important** patch.

Acknowledgment

Xerox wishes to thank Daniel Fabian, SEC Consult, Vienna Austria (www.sec-consult.com) for initially notifying us of these vulnerabilities.

Applicability

This patch applies to network-connected versions¹ only of the following products:

WorkCentre®

5632
5638
5645
5655
5665
5675
5687

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

Install Instructions

Install Instructions

Patch file name: **WC56xx_P41v7.dlm**

This patch can be installed to your systems as outlined below.

Summary of versions and actions:

- Determine starting System Software version or ESS Controller Version.
- Determine what upgrades are necessary.
- Upgrade devices as needed.
- Apply the patch if needed.

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

	If Your Software Version Is System SW or Net Controller	Ready for Patch?	Next step:	Then:	Network Controller/ESS Will Now Show:
1	21.105.01.000 050.060.50730	No	Upgrade to 21.113.02.000	Load P41 patch	050.060.50812.07.xx.P41v7*
2	21.113.02.000 to 21.113.02.090	Yes	Load P41 patch		050.060.50812.07.xx.P41v7* to 050.060.51010.07.xx.P41v7*
3	Above 21.113.02.090	NA – fix is already in the software	Done	-	-
1	21.120.31.000 to 21.120.45.045	Yes	Load P41 patch	-	060.108.35300.07.xx.P41v7* to 060.109.25900.07.xx.P41v7*
2	Above 21.120.45.045	NA – fix is already in the software	Done	-	-
3	25.054.010.000 to 25.054.045.045	Yes	Load P41 patch	-	060.068.25600.P41v7** to 060.069.25900.P41v7**
4	Above 25.054.045.045	NA – fix is already in the software	Done	-	-

*07.xx indicates the BIOS version.

**No BIOS version is indicated because this device does not have a BIOS version.

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 all contents to your desktop. Do not try to open the file with the .DLM extension. This is the patch and must be loaded on the MFD as is.

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Patch Installation Methods

This patch and upgrade (like most software) 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 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 IP number of the device.
- 2) Select the "Index" icon in the upper middle portion of the screen.
- 3) Select "Machine Software (Upgrades)."
- 4) Enter the User Name and Password of the device.
- 5) Under "Manual Upgrade" select Browse button to find and select the file, **WC56xx_P41v7.dlm**.
- 6) Select the "Install Software" button.
- 7) All WorkCentres will automatically reboot in order to install the patch. The patch is installed when **.P41v7** is appended to the Network Controller (ESS) version number.

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