

Xerox Product Response to US-CERT® Technical Cyber Security Alert TA04-041A: Multiple Vulnerabilities in Microsoft ASN.1 Library (MS04-007)

Audience and Purpose

The primary audience for this document is Xerox analysts and customers who want information regarding how Xerox products respond to [US-CERT® Technical Cyber Security Alert TA04-041A](#), issued by US-CERT® on February 10th, 2004. The following sections provide excerpts from the US-CERT® Technical Cyber Security Alert and the corresponding Xerox response.

Background

The [United States-Computer Emergency Readiness Team](#) (US-CERT) is a partnership between the National Cyber Security Division (NCSD) at the [Department of Homeland Security](#) (DHS) and the private sector. US-CERT provides individuals and organizations with access to valuable educational resources as well as up-to-date computer security information via the [National Cyber Alert System](#).

[US-CERT® Technical Cyber Security Alert TA04-041A](#) describes multiple integer overflow vulnerabilities in the Microsoft Windows ASN.1 parser library that could allow an unauthenticated, remote attacker to execute arbitrary code with SYSTEM privileges.

Xerox Product Response

The table below lists various products and their positions with respect to these vulnerabilities. The table will be updated with product information as it becomes available.

Product	Response to US-CERT® Technical Cyber Security Alert TA04-041A
CentreWare Network Scanning Services	CentreWare Network Scanning Services is not directly affected by this vulnerability. Operating systems on which CentreWare Network Scanning Services reside may be affected. We recommend that our customers install the latest operating system security patches.
CentreWare Network Services	CentreWare Network Services is not directly affected by this vulnerability. Operating systems on which CentreWare Network Services reside may be affected. We recommend that our customers install the latest operating system security patches.

Product	Response to US-CERT® Technical Cyber Security Alert TA04-041A
<p>DigiPath</p>	<p>DigiPath is affected by this vulnerability. Please use the following instructions to update your DigiPath system:</p> <p><u>Instructions for using Windows Update on DigiPath version 3.0/4.x</u></p> <ol style="list-style-type: none"> 1. Ensure that a TapeWare system backup exists. 2. On a weekly basis, run Windows Update: <p>Note: Operating System and Internet Explorer Service Packs are not to be installed via this process. When selecting “Review and Install Updates”, remove the service pack from the list of downloads. Continue with the rest of the patches by selecting “Install Now”.</p> <ol style="list-style-type: none"> a. Log in to the system as DPAdmin. b. Run the xstopdgp.bat file to cycle down the DigiPath software. Select [Start:Run], then enter e:\digipath\xstopdgp.bat in the window. c. Open Internet Explorer and select “Windows Update” from the Tools menu -or- select “Windows Update” from your Windows Start Menu. d. If prompted to install the latest Windows Update software, select [Yes]. Then select [Yes] to reboot your machine. If you did not receive this prompt, proceed to step f. e. Once your system has rebooted, return back to step ‘a’ to continue. f. Select “Scan for Updates” in the main center window. g. In the left window pane, select “Critical Updates and Service Packs”. h. Select “Review and Install Updates”. See Note above regarding de-selection of Service Packs. i. Select [Install Now] to download all the Microsoft critical updates needed for your system. j. Select [Accept] to accept the Microsoft license agreement. k. The patches will be downloaded and installed. <p>If prompted, select [Yes] to restart your system.</p> <p><u>Instructions for using Windows Update on DigiPath version 2.1 (Windows NT)</u></p> <p>Note: DigiPath 1.2 customers can follow these DigiPath 2.1 instructions at their own risk.</p> <ol style="list-style-type: none"> 1. Ensure that a TapeWare system backup exists. 2. On a weekly basis, run Windows Update: <ol style="list-style-type: none"> a. Go to URL: http://windowsupdate.microsoft.com b. The product catalog will be updated for your system. c. Windows Update will customize the product update catalog for your system. d. Only critical updates will be automatically selected. e. Select the Download button in the top right window pane. f. Select [Start Download]. g. Select [Yes] to accept the license agreement. h. The patches will be downloaded and installed. <p>If prompted, select [Yes] to restart your system.</p>
<p>DocuColor 1632/2240</p>	<p>The DocuColor 1632/2240 products do not include the Windows Operating System and are not, therefore, affected by this vulnerability.</p>

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DocuColor 3535 with EFI Network Controller	The DocuColor 3535 with EFI Network Controller is Linux-based and is not, therefore, affected by this vulnerability.
DocuColor Windows 2000 based products with Creo front-ends: <ul style="list-style-type: none"> • DocuColor 3535 with CXP3535 • DocuColor 6060/5252/2060/2045 with CXP6000 • DocuColor 5252/2045 with CXP5000 	DocuColor Windows 2000 based products with Creo front-ends are affected by this vulnerability. Please use the following instructions to update your system, or contact your Xerox representative. <u>Patch installation instructions:</u> <ol style="list-style-type: none"> 1. Exit the Spire application. 2. Download the Microsoft Hot Fix to the Spire Desktop. The Hot Fix can be found at http://www.microsoft.com/technet/security/bulletin/MS04-007.msp 3. Install the appropriate Hot Fix. 4. If installation ended with a Restart/reboot prompt, press OK. 5. This completes the installation of the Hot Fix.
DocuColor Windows NT based products with Creo front-ends: <ul style="list-style-type: none"> • DocuColor 2060/2045 with CSX2000 	DocuColor Windows NT based products with Creo front-ends are affected by this vulnerability. Please use the following instructions to update your system, or contact your Xerox representative. <u>Patch installation instructions:</u> <ol style="list-style-type: none"> 1. Exit the Spire application. 2. Download the Microsoft Hot Fix to the Spire Desktop. The Hot Fix can be found at http://www.microsoft.com/technet/security/bulletin/MS04-007.msp 3. Install the appropriate Hot Fix. 4. If installation ended with a Restart/reboot prompt, press OK. 5. This completes the installation of the Hot Fix.
DocuColor Windows XP Professional SP1 based products with Creo front-ends: <ul style="list-style-type: none"> • DocuColor 3535 with CXP3535e 	DocuColor Windows XP Professional SP1 based products with Creo front-ends are affected by this vulnerability. Please use the following instructions to update your system, or contact your Xerox representative. <u>Patch installation instructions:</u> <ol style="list-style-type: none"> 1. Exit the Spire application. 2. Download the Microsoft Hot Fix to the Spire Desktop. The Hot Fix can be found at http://www.microsoft.com/technet/security/bulletin/MS04-007.msp 3. Install the appropriate Hot Fix. 4. If installation ended with a Restart/reboot prompt, press OK. 5. This completes the installation of the Hot Fix.
DocuColor Windows XP Professional SP2 based products with Creo front-ends: <ul style="list-style-type: none"> ▪ DocuColor 3535 with CXP3535e 	DocuColor Windows XP Professional SP2 based products with Creo front-ends include the fix and are not, therefore, affected by this vulnerability.
DocuColor with EFI Splash front-ends: <ul style="list-style-type: none"> • DocuColor 12 with G640 • DocuColor 3535 with G3535 	DocuColor products with EFI Splash front-ends are Mac OS based and are not, therefore, affected by this vulnerability.

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Document Centre products (200, 300, 400 and 500 Series)	Document Centre products do not include the Windows Operating System and are not, therefore, affected by this vulnerability.
DocuPrint N Series products	DocuPrint N Series products do not include the Windows Operating System and are not, therefore, affected by this vulnerability.
DocuPrint NPS/IPS Series products	DocuPrint NPS/IPS Series products do not include the Windows Operating System and are not, therefore, affected by this vulnerability.
DocuSP-based products	DocuSP-based products are Sun Solaris based and are not, therefore, affected by this vulnerability.
Flowport	Flowport is not directly affected by this vulnerability. Operating systems on which Flowport resides may be affected. We recommend that our customers install the latest operating system security patches.
FreeFlow SMARTsend	FreeFlow SMARTsend is not directly affected by this vulnerability. Operating systems on which SMARTsend resides may be affected. We recommend that our customers install the latest operating system security patches.
Phaser products	Phaser products do not include the Windows Operating System and are not, therefore, affected by this vulnerability.
WorkCentre M24	The WorkCentre M24 does not include the Windows Operating System and is not, therefore, affected by this vulnerability.
WorkCentre M35 WorkCentre M45 WorkCentre M55 WorkCentre Pro 35 WorkCentre Pro 45 WorkCentre Pro 55 WorkCentre Pro 65 WorkCentre Pro 75 WorkCentre Pro 90 WorkCentre Pro 32 Color WorkCentre Pro 40 Color	These WorkCentre products do not include the Windows Operating System and are not, therefore, affected by this vulnerability.
Xerox 1010/2101 Windows NT Copy Server	The Xerox 1010/2101 Windows NT Copy Server does not use the affected library and is not, therefore, affected by this vulnerability.

Product	Response to US-CERT® Technical Cyber Security Alert TA04-041A
<p>Xerox products with EFI Windows NT based front ends with Fiery Advanced Controller Interface (FACI):</p> <ul style="list-style-type: none"> • DocuColor 12 with X12 • DocuColor 12 with EX12 • DocuColor 12 with XP12 • DocuColor 40 with X40 • DocuColor 2045/2060 with EX2000 • DocuColor 2045/2060/5252 with EX2000d • DocuColor 2045/2060 with EX2000v • Xerox 1010 with EX1010 	<p>Xerox products with EFI Windows NT based front ends with FACI are affected by this vulnerability. A patch can be downloaded by visiting the Microsoft Security Bulletin site at http://www.microsoft.com/technet/security/bulletin/ms04-007.msp.</p>
<p>Xerox products with EFI Windows NT based front ends <u>without</u> Fiery Advanced Controller Interface (FACI):</p> <ul style="list-style-type: none"> • DocuColor 12 with X12 • DocuColor 12 with EX12 • DocuColor 12 with XP12 • DocuColor 40 with X40 • Xerox 1010 with EX1010 	<p>Xerox products with EFI Windows NT based front ends without FACI are affected by this vulnerability. Patch 1-EMOAI is available to address this vulnerability and can be downloaded at http://download.support.xerox.com/pub/drivers/DocuColor_12CP/security/winxp/en/1-EMOAI.zip</p>
<p>Xerox products with EFI Windows XPe based front ends with Fiery Advanced Controller Interface (FACI):</p> <ul style="list-style-type: none"> • DocuColor 12 with X12/EX12/XP12 (customer purchased s/w option) • DocuColor 3535 with EX3535 • DocuColor 5252 with EXP5000 • DocuColor 6060 with EXP6000 • DocuColor 8000 with EXP8000 • Phaser EX7750 • Xerox 2101 with EX2101 	<p>Xerox products with EFI Windows XPe based front ends with FACI are affected by this vulnerability. Patch 1-DSRD9 is available to address this vulnerability and can be downloaded at http://download.support.xerox.com/pub/drivers/2101/other/winxp/en/1-DSRD9.zip.</p>

Contact

For additional information or clarification on any of the product information given here, contact Xerox support.

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