

Dear Beckman Coulter Customer,

AutoMate 2500 Family System Security Update

WannaCry ransomware first appeared on Friday, May 12, 2017. Since then, WannaCry has attacked computers worldwide, spreading itself across organizations' networks by exploiting vulnerabilities in Microsoft Windows operating systems without the MS17-010 Microsoft security update. WannaCry encrypts data on infected machines and demands ransom payments to decrypt the data.

If your system was installed according to the recommended network layout (See "Recommended Network Layout" section), then the Automate 2500 Family system is not impacted by this issue, because it is protected from this virus by a firewall. In this situation, Beckman Coulter does not recommend taking any additional action (i.e., installation of an update).

If your system was not installed according to the recommended network layout (See "Recommended Network Layout" section), please work with your internal IT department to determine if the Microsoft security update installation is required. Beckman Coulter has provided the attached instructions with the necessary links to complete this procedure.

If you have any questions regarding this notice, or other Beckman Coulter products, please contact the Customer Support Center

- From our website: <u>http://www.beckmancoulter.com</u>
- By phone: call 1-800-854-3633 in the United States and Canada
- Outside the United States and Canada, contact your local Beckman Coulter Representative.

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Affected Products

A99168	AutoMate 1200 Salesgroup
A99170	Auto <i>Mate</i> 2500 Salesgroup
A99169	Auto <i>Mate</i> 1250 Salesgroup
A99171	Auto <i>Mate</i> 2550 Salesgroup
A89483	Sorting-Drive Plus
A94144	Sorting-Drive Professional
A89492	iPAW

Validated Security Updates

For Windows 10 (32-bit) Systems (4012606)

This is a cumulative update which contains other Microsoft updates released up to 10-Mar-2017. The update catalog lists two versions of KB4012606. Select "Cumulative Update for Windows 10 (KB4012606)".

Information page: <u>https://technet.microsoft.com/en-us/library/security/ms17-010.aspx</u>

Download link: <u>http://catalog.update.microsoft.com/v7/site/Search.aspx?q=KB4012606</u>

For Windows 7 (32-bit) Systems Service Pack 1 (4012212)

This update is purely a security update, fixing only the recognized vulnerability. The update catalog lists several versions of KB4012212. Select "March, 2017 Security Only Quality Update for Windows 7 (KB4012212)".

Information page: <u>https://technet.microsoft.com/en-us/library/security/ms17-010.aspx</u> Download link: <u>http://catalog.update.microsoft.com/v7/site/Search.aspx?q=KB4012212</u>

For Windows XP SP3 (KB4012598)

This update is purely a security update, fixing only the recognized vulnerability.

Information page: <u>https://www.microsoft.com/en-us/download/details.aspx?id=55245</u> Download link: <u>https://www.microsoft.com/en-us/download/details.aspx?id=55245</u>

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For Windows 2000

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No security update is available for this operating system. If your internal IT department identifies a security risk, we recommend upgrading your operating system. For support, contact your local Beckman Coulter representative.

Important

» Use a new USB stick to transfer the security update to the AutoMate 2500 Family System PC. Do not connect the AutoMate 2500 Family System PC to the internet to download the security update from Microsoft's website.

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It is strongly recommended that the following network layout is used to ensure that AutoMate, iPAW and Sorting-Drive Server System PCs are isolated from the general customer site network.







Preparing a USB Stick with the Microsoft Operating System Security Updates

On a machine connected to the internet

- » Ensure that the virus scanner is up to date. Update the virus scanner before inserting a USB stick.
- » Use a new USB stick with sufficient space for the operating system security updates needed. If downloading more than one security update, create a separate folder for each operating system (e.g., Windows 7, Windows XP)
 - Space requirements for Windows XP SP3 Update: 700 KB
 - o Space requirements for Windows 7 Update: 19 MB
 - o Space requirements for Windows 10 Update: 502 MB
- » Plug the USB stick into the machine
- » Scan the USB stick for viruses.
- » Connect to the internet via a web browser.
- » Download the correct security updates for the AutoMate 2500 operating system that is going to be secured. If downloading multiple system updates for different operating systems, save them onto the USB sticks in their respective folders.
- » The USB stick is now ready for use.

How To Apply The Security Update

Preparation steps

- » There is no PC restart required.
- » No additional administrator login is required.
- » Close all running programs:
 - For AutoMate PC, close DavidCan via the icon within the Notification Area.
 - For Sorting-Drive / Sorting-Drive Professional PC, stop the Sorting-Drive Server and DataTransfer Service via the icons within the Notification Area.
 - For IPAW PC, stop the Sorting-Drive Client, IPAW Client and ISB Client.
- » Use USB stick to transfer the installation file to the AutoMate 2500 Family System PC.
- » Copy the security update to a temporary folder on a local drive (preferably D: or E:).



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- » Continue with the installation procedure steps described below according to the Windows System version of the PC.
 - The Windows version and service pack number can be checked in the System window. The System window can be accessed via the Control Panel.

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Windows 10

Supported images

- » AutoMate Image 6.0.2001 (used for AutoMate and Sorting-Drive software).
- » Sorting-Drive Professional PC Windows 10 Image 2.0.100.

Installation procedure

- » Open the Windows Start menu, enter **Services** and open the **Services** app.
- » From the list of services, select Windows Update and double click to select the service.

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vices (Local)	Q Services (Local)							
	Windows Update	Name	Description	Status	Startup Type	Log On As		
	Description	Windows Error Reporting Se	Allows error		Manual (Trig	Local Syste		
	Enables the detection, download, and	Windows Event Collector	This service		Manual	Network S		
	installation of updates for Windows	Windows Event Log	This service	Running	Automatic	Local Service		
	and other programs. If this service is	Windows Firewall	Windows Fi	Running	Automatic	Local Service		
	disabled, users of this computer will	Windows Font Cache Service	Optimizes p	Running	Automatic	Local Service		
	or its automatic updating feature,	Windows Image Acquisitio	Provides im	Running	Manual	Local Service		
	and programs will not be able to use	Windows Installer	Adds, modi		Manual	Local Syste		
	the Windows Update Agent (WUA)	Windows License Manager	Provides inf	Running	Manual (Trig	Local Service		
	API.	Windows Management Inst	Provides a c	Running	Automatic	Local Syste		
		Windows Media Player Net	Shares Win		Manual	Network S		
		Windows Mobile Hotspot S	Provides th		Disabled	Local Service		
		Windows Modules Installer	Enables inst		Manual	Local Syste		
		Windows Presentation Fou	Optimizes p	Running	Manual	Local Service		
		Windows Push Notification	This service		Manual	Local Syste		
		Windows Remote Manage	Windows R		Disabled	Network S		
		Windows Search	Provides co	Running	Automatic (D	Local Syste		
		Windows Store Service (WS	Provides inf		Manual (Trig	Local Syste		
		Windows Time	Maintains d		Disabled	Local Service		
		Windows Update				Local Syste		
		WinHTTP Web Proxy Auto	WinHTTP i	Running	Manual	Local Service		
		Wired AutoConfig	The Wired		Manual	Local Syste		
		WLAN AutoConfig	The WLANS		Manual	Local Syste		
		WMI Performance Adapter	Provides pe		Manual	Local Syste		
		Work Folders	This service		Manual	Local Service		
		Workstation	Creates and	Running	Automatic	Network S		
		WWAN AutoConfig	This service		Manual	Local Service		
		Abox Live Auth Manager	Provides au		Disabled	Local Syste		
		Abox Live Game Save	This service		Disabled	Local Syste		
		A XboxNetApiSvc	<failed r<="" td="" to=""><td></td><td>Disabled</td><td>Local Syste</td><td></td><td></td></failed>		Disabled	Local Syste		

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Windows 10 (Continued)

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» Select startup type manual from the drop-down list in Windows Update Properties

ieneral	Log On	Recovery	Dependent	ies		
Service	name:	wuauserv				
Display	name:	Windows	Jpdate			
Descrip	tion:	Enables th updates fo	e detection, r Windows a	download, and nd other progr	d installation of ams. If this	< >
Path to	executabl	le:				
C:\wind	lows\syste	em32\svcho	st.exe -k nets	VCS		
Startup	type:	Disabled	here servery	23		~
		Automatic Automatic	(Delayed Sta	art)		
Service	status:	Manual Disabled Stopped				
9	Start	Stop	5	Pause	Resume	
You ca from he	n specify t re.	he start para	meters that a	pply when you	u start the service	ce .
Start pa	arameters:					

- » Apply changes.
 - The service status displays as **stopped**.
- » Select Start to start the service.

ieneral	Log On	Recovery	Dependenc	ies		
Service	e name:	wuauserv				
Display	name:	Windows	Update			
Descrip	tion:	Enables th updates fo	e detection, o r Windows ar	download, and nd other progr	d installation of ams. If this	< >
Path to C:\wind	executab dows\syste	le: em32\svcho	st.exe +k nets	VCS		
Startup	type:	Manual				~
Service	status:	Stopped				
	Start	Stop)	Pause	Resume	
You ca from he	n specify t re.	he start para	meters that a	pply when you	u start the servi	ce
Start pa	arameters:					

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Windows 10 (Continued)

» A progress bar is displayed when the service is started.

Service Control	×
Windows is attempting to start the follows Windows Update	ng service on Local Computer
•	
Close	

- When the progress bar is no longer displayed, close the app.
- » Execute installer KB4012606.
 - Confirm security warning to execute the file.
 - Confirm installation warning.
 - o Installation of security update files can take up to five minutes.
 - During the installation, the progress bar can appear 'frozen' although the installation is still proceeding. Wait for the installation to complete.
- » Restart the PC.
 - o If the request to restart the PC is displayed, confirm by selecting **Restart now**.
 - If the request to restart the PC is not displayed, restart the PC via the Windows Start menu.
- » Security updates are applied during the PC shutdown and restart procedure. This process takes several minutes and the PC will automatically restart when the process has completed. Do not turn off the PC during this time.



Windows 10 (Continued)

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» Open **Control Panel / Programs and Features / Installed Updates** to verify that the Security Update KB4012606 is installed.

🐼 Installed Updates					o ×
← → → ↑ 🐼 → Control	Panel > All Control Panel Items > Programs and Features	Installed Updates	~	C Search Installed Updates	Q
Control Panel Home Uninstall a program	Uninstall an update To uninstall an update, select it from the list and ther	click Uninstall or Chang	je.		
Turn Windows features on or off	Organize 👻				i • 🕐
	Name Microsoft Windows (2)	Program	Version	Publisher	Installed (
	■ Security Update for Microsoft Windows (KB4012606) ■ Security Update for Microsoft Windows (KB3135174)	Microsoft Windows Microsoft Windows		Microsoft Corporation Microsoft Corporation	5/17/2017 2/13/2016
	< Currently installed updates 2 updates installed				

- » Disable Windows Update Service
 - Stop the service and change Service startup type to **disabled**.

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Windows 7 SP1

Supported images

» IPAW Image 4.2.1 (used for IPAW software, Sorting-Drive client and ISB client).

Installation procedure

- » No changes in Windows settings are required.
- » Execute installer KB4012212.
 - Confirm installation warning.
- » When the installation is complete, restart the PC.
 - If the request to restart the PC is displayed, confirm by selecting **Restart now**.
 - If the request to restart the PC is not displayed, restart the PC via the **Windows Start menu**.
- » System updates are applied during the PC shutdown and restart procedure. This process takes several minutes and the PC will automatically restart when the process has completed. Do not turn off the PC during this time.
- » Open **Updates and Security** to verify that the Security Update KB4012212 is installed.

Windows XP SP3

Supported images

- » AutoMate Image 5.1.1 (used for AutoMate and Sorting-Drive software).
- » Sorting-Drive Professional 1.0.1 (used for Sorting-Drive Professional software).
- » IPAW WinXP image 01Rev.02 (used for IPAW software, Sorting-Drive client and ISB client).

Installation procedure

- » No changes in Windows settings are required.
- » Execute installer **KB4012598**.
 - Confirm security warning to execute the file.
 - Confirm installation warning.
 - Agree to license agreement.
- » When the installation is complete, restart the PC.
 - Do not select the **Do not restart now** checkbox in the last dialog of the installer.



- Select **Finish** to restart the system automatically.
- If the system does not restart automatically, restart the PC via the Windows Start menu.
- » Security updates are applied during the PC shutdown and restart procedure. The PC will automatically restart when the process has completed. Do not turn off the PC during this time.

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- » Open **Add or Remove Programs** to verify that the Security Update KB4012598 has been installed.
 - Activate checkbox Show updates.
 - Sort the installed programs by date of last use.

Agange of Remove Programs Image: Hotfix for Windows XP (KB961118) Installed On 3/1/2013 Add New Programs Hotfix for Windows Media Format 11 SDK (KB92399) Installed On 3/1/2013 Add New Programs Security Update for Windows XP (KB961371-v2) Installed On 3/1/2013 Windows Genuine Advantage Notifications (KB905474) Installed On 3/1/2013 Windows Cenuine Advantage Notifications (KB905474) Installed On 3/1/2013 Windows Genuine Advantage Notifications (KB905474) Installed On 3/1/2013 Windows Genuine Advantage Notifications (KB905474) Installed On 3/1/2013 Windows Genuine Advantage Notifications (KB905474) Installed On 3/1/2013 Windows Structure Vindows Media Player 11 (KB954154) Installed On 3/1/2013 Windows Hotfix for Windows Media Player 11 (KB939683) Installed On 3/1/2017 Click here for support information. Click here for support information. 5/17/2017		Currently installed programs and updates:	Sort by: Da	ite Last Use
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