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: http://www.beckmancoulter.com
- 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	Auto*Mate* 1200 Salesgroup
A99170	Auto*Mate* 2500 Salesgroup
A99169	Auto*Mate* 1250 Salesgroup
A99171	Auto*Mate* 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: https://technet.microsoft.com/en-us/library/security/ms17-010.aspx

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

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: https://technet.microsoft.com/en-us/library/security/ms17-010.aspx

Download link: http://catalog.update.microsoft.com/v7/site/Search.aspx?q=KB4012212

For Windows XP SP3 (KB4012598)

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

Information page: https://www.microsoft.com/en-us/download/details.aspx?id=55245

Download link: https://www.microsoft.com/en-us/download/details.aspx?id=55245

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For Windows 2000

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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Recommended Network Layout

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.

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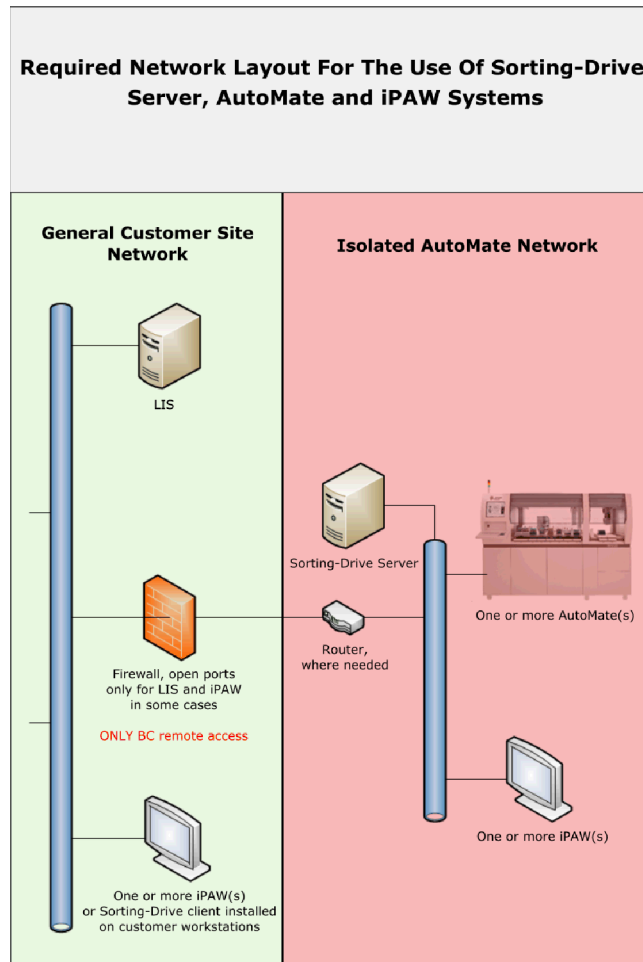
Preparing a USB Stick with the Microsoft Operating System Security Updates

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)

  o 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:

  o For AutoMate PC, close DavidCan via the icon within the Notification Area.

  o For Sorting-Drive / Sorting-Drive Professional PC, stop the Sorting-Drive Server and DataTransfer Service via the icons within the Notification Area.

  o 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.

o 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).

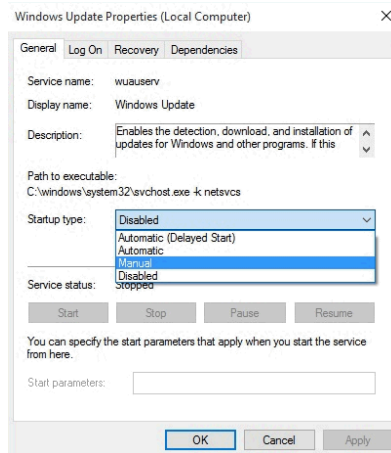» Sorting-Drive Professional PC Windows 10 Image 2.0.100.

Installation procedure

» Open the Windows Start menu, enter **Services** and open the **Services** app.

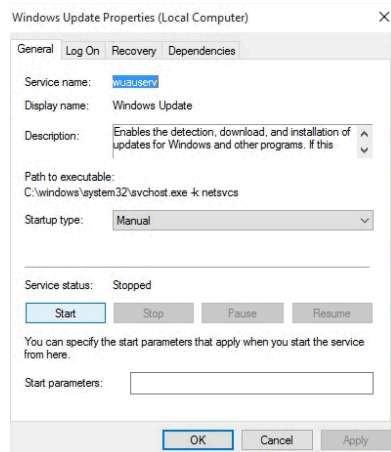» From the list of services, select **Windows Update** and double click to select the service.

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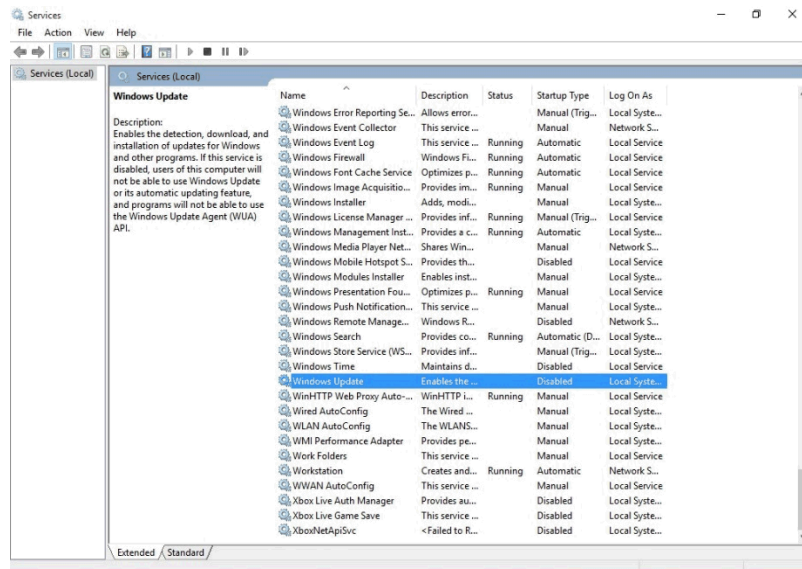
Windows 10 (Continued)

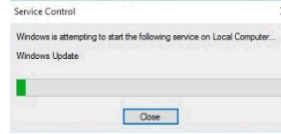» Select startup type **manual** from the drop-down list in **Windows Update Properties**

» Apply changes.

○ The service status displays as **stopped**.

» Select **Start** to start the service.

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Windows 10 (Continued)

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

o   When the progress bar is no longer displayed, close the app.

»   Execute installer **KB4012606**.

o   Confirm security warning to execute the file.

o   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**.

o   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.

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Windows 10 (Continued)

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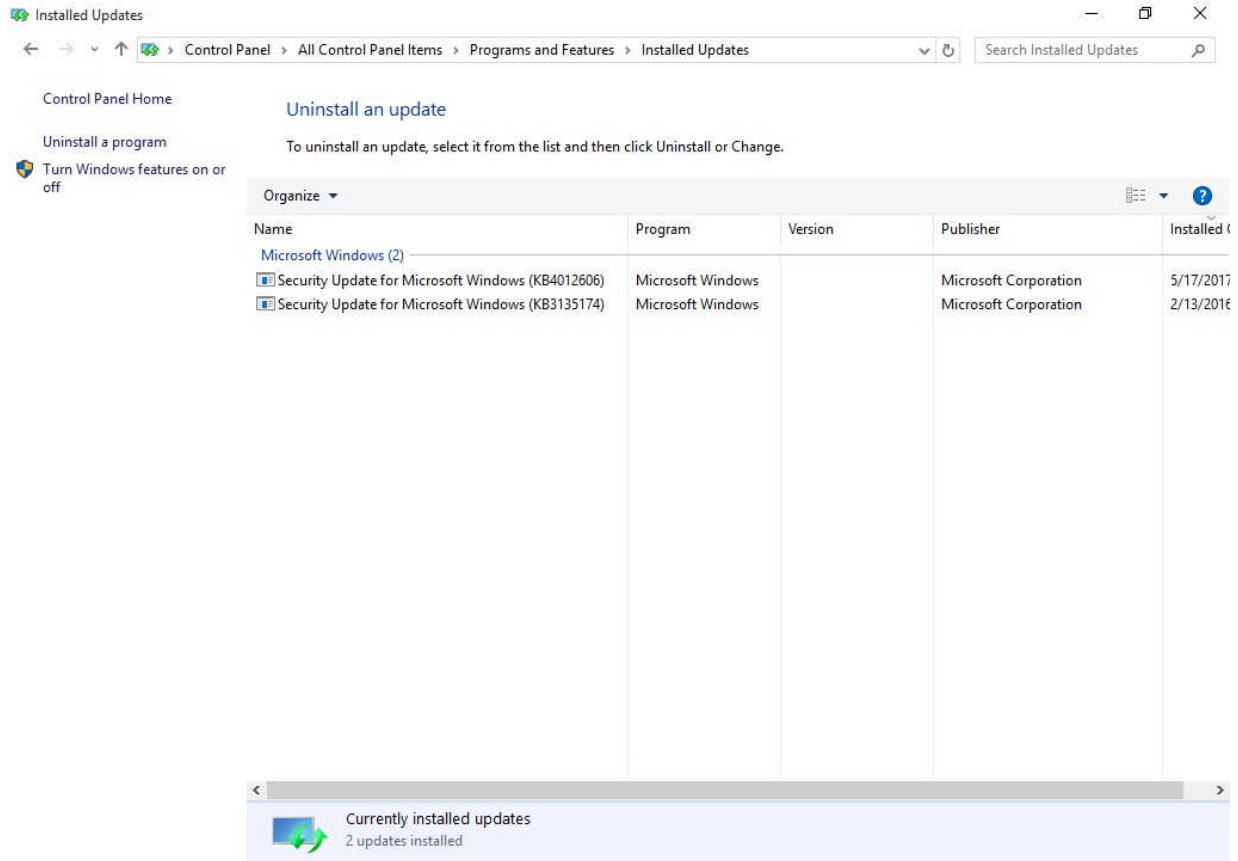
» Disable Windows Update Service

  o 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**.

  o Confirm installation warning.

» When the installation is complete, restart the PC.

  o If the request to restart the PC is displayed, confirm by selecting **Restart now**.

  o 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.

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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**.

  o Confirm security warning to execute the file.

  o Confirm installation warning.

  o Agree to license agreement.

» When the installation is complete, restart the PC.

  o Do not select the **Do not restart now** checkbox in the last dialog of the installer.

  o Select **Finish** to restart the system automatically.

  o 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.

   o Activate checkbox **Show updates**.

   o Sort the installed programs by date of last use.

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