

Critical or Security Patches: Win32k patch was released with December 2019 security updates, Crypto API patch was released with January 2020 security updates. The February 2020 security cumulative update was released in February 2020.

**Microsoft® & Third-Party Patches**

BD has identified patches from Microsoft® that have been indicated as critical or security related for the Win32k and Crypto API vulnerabilities. Microsoft has also released a security update for the month of February. The BD products listed above have been tested with security patches from the December, January and February cumulative releases installed. The patches in these cumulative updates were not found to adversely affect operation of the listed BD products.

**Note: Customers with the Windows 10 Professional operating system versions 1703, 1809 and 1903 will also receive a feature update to version 1909. This update may modify the Windows Firewall settings and disable FTP access through the firewall on the Private network to the instrument. To restore access, log in to the system with an administrator account and open the Windows Firewall from the Control Panel. Select the option to Allow an app or feature through Windows Firewall and locate the FTP Server in the list of allowed apps. If the box is not checked for the Private configuration, change the setting to enable, save the change and reboot the workstation. If you have questions or need additional support, please contact BD Technical Support.**

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s). For products which are supported remotely by BD Service, patches will be applied according to customers' service agreement.

Patch Name	Patch Description	Patch ID	Notes
Dec 10, 2019 – KB4530681 (CVE-2019-1458)	This security update includes quality improvements. Key changes include:  Security updates to Windows Virtualization, Windows Kernel, Windows Peripherals, the Microsoft Scripting Engine, and Windows Server.	<a href="#">KB4530681</a>	1,2



Dec 10, 2019 – KB4530684 (CVE-2019-1468)	This security update includes improvements to security when Windows performs basic operations	<a href="#">KB4530684</a>	1,2
Jan 14, 2020 – KB4534306 (CVE-2020-0601)	This security update includes quality improvements. Key changes include:  Security updates to the Microsoft Scripting Engine, Windows Input and Composition, Windows Media, Windows Cryptography, Windows Virtualization, Windows Storage and Filesystems, and Windows Server.	<a href="#">KB4534306</a>	1,3
February 2020 Monthly Security Updates	Security updates for Microsoft Windows		1,4

#### Notes

1. Patches may require the system to reboot.
2. For further information from Microsoft regarding the Win32k vulnerabilities, please refer to the following links –  
<https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1458>  
<https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1468>
3. For further information from Microsoft regarding the Crypto API vulnerabilities, please refer to the following link –  
<https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0601>
4. For further information from Microsoft regarding CVEs covered by the February Security updates, please refer to the following link –  
<https://portal.msrc.microsoft.com/en-us/security-guidance/releasenotedetail/2020-Feb>