

BD Product Security - Security Patch Recommendation

BD Biosciences Product Name: BD FACSCanto™ 10-Color Cell Analyzers (IVD and RUO)

CVE-2021-34527 and CVE-2021-36936: Windows Print Spooler Remote Code Execution Vulnerability, known as “Print Nightmare”.

A remote code execution vulnerability exists when the Windows Print Spooler service improperly performs privileged file operations. An attacker who successfully exploited this vulnerability could run arbitrary code with SYSTEM privileges. An attacker could then install programs; view, change, or delete data; or create new accounts with full user rights.

Microsoft™ and Third-Party Patches

BD has identified the patches from Microsoft™ that have been indicated as security related for the months of July and August. These monthly patches also address the Windows Print Spooler Remote Code Execution Vulnerability. The BD products listed above have been tested with the security patches from the July 2021 (CVE-2021-34527) and August 2021 (CVE-2021-36936) rollup/cumulative releases installed. The patches in these updates were not found to adversely affect operation of the listed BD products.

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 that are supported remotely by BD Service, patches will be applied according to customers' service agreements.

Windows™ 10 Enterprise:

Patch Name	Patch Description	Patch ID	Notes
July 2021 Monthly Cumulative Updates	Security and quality updates for Microsoft Windows 10 Enterprise (LTSC) v1809	KB5004244	1,2,4
August 2021 Monthly Cumulative Updates	Security and quality updates for Microsoft Windows 10 Enterprise (LTSC) v1809	KB5005030	1,3,5



Windows™ 10 Professional:

Patch Name	Patch Description	Patch ID	Notes
July 2021 Monthly Cumulative Updates	Security and quality updates for Microsoft Windows 10 Professional (SAC) v21H1	KB5004237	1,2,4
August 2021 Monthly Cumulative Updates	Security and quality updates for Microsoft Windows 10 Professional (SAC) v21H1	KB5005033	1,3,5

Notes

1. Patches may require the system to reboot.
2. For further information from Microsoft regarding CVEs covered by the July Security updates, please refer to the following link –
<https://msrc.microsoft.com/update-guide/releaseNote/2021-Jul>
3. For further information from Microsoft regarding CVEs covered by the August Security updates, please refer to the following link –
<https://msrc.microsoft.com/update-guide/releaseNote/2021-Aug>
4. For further information from Microsoft regarding CVE-2021-345427, please refer to the following link –
<https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2021-34527>
5. For further information from Microsoft regarding CVE-2021-36936, please refer to the following link –
<https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2021-36936>

BD FACSCanto™ Flow Cytometers are Class 1 Laser Products.

The BD FACSCanto™ Flow Cytometer is for In Vitro Diagnostic Use for up to six colors. Seven to ten colors are for Research Use Only.

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