

CVE-2021-34527 (“PrintNightmare”)

Windows Print Spooler Remote Code Execution Vulnerability

The remote code execution (RCE) vulnerability identified in the Microsoft Windows Print Spooler Service known as PrintNightMare or CVE-2021-34527 has low risk of impacting the Boston Scientific LabSystem™ PRO EP Recording System. After an evaluation of devices currently in use, we can confirm that, to date, we have not received any feedback that Boston Scientific LabSystem PRO products have been affected by the PrintNightMare vulnerability.

Vulnerability Detail:

The LabSystem PRO EP Recording System is built on the Microsoft Windows operating system. According to Microsoft, a remote code execution vulnerability exists when the Windows Print Spooler Service improperly performs privileged file operations. An attacker who successfully exploits this vulnerability could run arbitrary code with SYSTEM privileges. An attacker could then install programs, view, change, delete data, or create new accounts with full user rights.

LabSystem PRO EP Recording System Computer Models: LS10K (Win10) M00420020810, LS9900 (Win7) M00420020340, LS8900 (Win7) M00420020290

Recommendations:

We strongly caution our customers against modifying LabSystem PRO EP Recording System. Per the instructions for use (IFU), “The LabSystem PRO EP Recording System is provided complete and ready for use. To ensure appropriate/proper compatibility and interface, the installation or connection of additional hardware, software, or updates of any kind to the LabSystem PRO platform, other than that which is provided by and/or approved by Boston Scientific is prohibited.”

Customers who are concerned about the susceptibility of LabSystem PRO in their EP Lab can employ the following temporary measure to reduce the likelihood of exposure:

1. Disconnect LabSystem PRO from the clinic network. This will disable the connection to the EMR/HIS system, network archive location and network printer.

Boston Scientific is currently validating the short- and long-term mitigations for the LabSystem PRO EP Recording System and will provide updates when additional mitigations are available.

Please contact your field service representative with any questions about these precautionary measures or any other concerns regarding our response to this matter.