October 28, 2019

Product Security Update
CVE-2019-12255 TO 12265 VxWorks Vulnerabilities (URGENT/11)

As part of our Product Security program, Accuray Incorporated has evaluated its products for exposure to the impacted Wind River components and assessed potential risk against Wind River VxWorks security advisory for CVE-2019-12255 to CVE-2019-12265. For a more detailed description of these vulnerabilities, please view the information provided by Wind River.
(https://www.windriver.com/security/announcements/tcp-ip-network-stack-ipnet-urgent11/security-advisory-ipnet/security-advisory-ipnet.pdf?v2)

Impact:
Accuray products impacted by a subset of these vulnerabilities are listed in the table below:

CVE #	Radixact® System Software version 1.x TomoTherapy® with iDMS® System Software version 1.x TomoTherapy® H™ Series System Software version 2.x TomoHD™ System Software version 2.x TomoTherapy Hi-Art® System Software version 5.x
CVE-2019-12255	Yes
CVE-2019-12256	No
CVE-2019-12257	No
CVE-2019-12258	Yes
CVE-2019-12259	No
CVE-2019-12260	No
CVE-2019-12261	Yes
CVE-2019-12262	Yes
CVE-2019-12263	No
CVE-2019-12264	No
CVE-2019-12265	No

There are no impacts to CyberKnife® Systems, Accuray Precision® and iDMS® Systems, TomoTherapy® H™ Series System software version 1.x, TomoHD™ System software version 1.x and TomoTherapy Hi-Art® System software version 4.x.

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Mitigations:

Firewalls setup in their default configuration by Accuray around the treatment delivery systems provide protection and can mitigate potential attacks; affected components are susceptible only through a physical connection or chained exploits.

Patch media will be validated and released for affected forward production systems as part of available future upgrades.

Accuray is committed to providing you with innovative technology that enables you to confidently and securely deliver the best possible care to your patients. Please contact your Accuray Service Representative for all product, product procedure, or site-specific questions.

If you observe symptoms of malicious activity, please contact your IT team and take proper corrective action, which may include disconnecting your system from the network. After contacting your IT team, you may also contact your Accuray Representative and/or Accuray Service Support (http://www.accuray.com/service/service-support)

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