Title: CVE-2020-0601 CryptoAPI Vulnerability (CurveBall)
Advisory ID: CARESTREAM-2020-01
Issue Date: 1/17/20
Last Revision Date: 2/4/20
Revision #: **4.0**

Vulnerability Summary:
On Tuesday 1/14/20, Microsoft released details about a critical vulnerability that exists in the Windows component crypt32.dll. This vulnerability affects the way Windows CryptoAPI (Crypt32.dll) validates Elliptic Curve Cryptography (ECC) certificates. An attacker could exploit the vulnerability by using a spoofed code-signing certificate to sign a malicious executable, making it appear the file was from a trusted, legitimate source. The user would have no way of knowing the file was malicious, because the digital signature would appear to be from a trusted provider.

A successful exploit could also allow the attacker to conduct man-in-the-middle attacks and decrypt confidential information on user connections to the affected software.

For additional information on the vulnerabilities please visit:
https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0601

Are Carestream Products Vulnerable?
Yes. Carestream products that run Microsoft Windows 10, Windows Server 2016 and Windows Server 2019 are affected.

Mitigating controls for the vulnerability:
- Existing controls mitigate this vulnerability for the ImageView platform.
- Additional information regarding mitigating controls for the ImageSuite and Kiosk products may be be provided in updates to this advisory.

Note: This vulnerability does not meet the criteria to require a mandatory field correction.

Microsoft has released patches for this vulnerability and Carestream is working to deploy these patches as soon as possible.

Affected Products and Patch Availability

Product	Software Version	Operating System	Patch Availability
OnSight 3D Extremity System	ImageView v1.1	Win 10 1607 2016 IoT Enterprise LTSB	February 2020
DRX Revolution / Plus	ImageView 1.2, 1.3, 1.4 Imageview 1.5, 1.6	Win 10 1607 2016 IoT Enterprise LTSB Win 10 1607 2016 IoT Enterprise LTSB	February 2020 March 2020
DRX-1 Revolution Nano	ImageView 1.6	Win 10 1607 2016 IoT Enterprise LTSB	March 2020
DRX Evolution / Plus	ImageView 1.3, 1.4 Imageview 1.5, 1.6	Win 10 1607 2016 IoT Enterprise LTSB Win 10 1607 2016 IoT Enterprise LTSB	February 2020 March 2020
DRX Transportable	ImageView 1.4 ImageView 1.5, 1.6	Win 10 1607 2016 IoT Enterprise LTSB Win 10 1607 2016 IoT Enterprise LTSB	February 2020 March 2020
DRX-1 In-Room	ImageView 1.4 ImageView 1.5, 1.6	Win 10 1607 2016 IoT Enterprise LTSB Win 10 1607 2016 IoT Enterprise LTSB	February 2020 March 2020
DRX-1 Mobile Retrofit	ImageView 1.6	Win 10 1607 2016 IoT Enterprise LTSB	March 2020
DRX-Ascend / Q-Rad	ImageView 1.6	Win 10 1607 2016 IoT Enterprise LTSB	March 2020
Crescendo Systems	ImageSuite – all versions	Windows 10	March 2020
Vita Systems	ImageSuite – all versions	Windows 10	March 2020
DRive Systems	ImageSuite – all versions	Windows 10	March 2020

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Product	Software Version	Operating System	Patch Availability
Customer supplied hardware running ImageSuite	ImageSuite – all versions	Windows 10	March 2020
MyVue Center K3 Kiosk	MyVue	Windows 10 Windows Server 2016	Q2 2020 for new shipments

Please contact your Carestream sales, service sales, or field service representative to coordinate patch installation or if you have additional questions.

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