Security Patches for Mindray Products Running on Windows OS (April, 2020)

CONTENT

To Whom It May Concern,
Below content is only for your information.

Introduction:

We have reviewed the applicability to Mindray products of the Microsoft Windows security patches released in April, 2020. The following CVEs have been evaluated:

CVE Identifiers

- CVE-2020-0821 Windows Kernel Information Disclosure Vulnerability
- CVE-2020-0907 Microsoft Graphics Components Remote Code Execution Vulnerability
- CVE-2020-0983 Windows Elevation of Privilege Vulnerability
- CVE-2020-0936 Windows Scheduled Task Elevation of Privilege Vulnerability
- CVE-2020-0985 Windows Update Stack Elevation of Privilege Vulnerability
- CVE-2020-0940 Windows Push Notification Service Elevation of Privilege Vulnerability
- CVE-2020-0987 Microsoft Graphics Component Information Disclosure Vulnerability
- CVE-2020-0988 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0992 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0999 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0993 Windows DNS Denial of Service Vulnerability
- CVE-2020-1006 Windows Push Notification Service Elevation of Privilege Vulnerability
- CVE-2020-1003 Windows Kernel Elevation of Privilege Vulnerability
- CVE-2020-1014 Microsoft Windows Update Client Elevation of Privilege Vulnerability
- CVE-2020-1004 Windows Graphics Component Elevation of Privilege Vulnerability
- CVE-2020-1005 Microsoft Graphics Component Information Disclosure Vulnerability
- CVE-2020-0889 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0687 Microsoft Graphics Remote Code Execution Vulnerability
- CVE-2020-1007 Windows Kernel Information Disclosure Vulnerability
- CVE-2020-1008 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-1015 Windows Elevation of Privilege Vulnerability
- CVE-2020-0942 Connected User Experiences and Telemetry Service Elevation of Privilege Vulnerability
- CVE-2020-0784 DirectX Elevation of Privilege Vulnerability
- CVE-2020-1016 Windows Push Notification Service Information Disclosure Vulnerability
- CVE-2020-0950 Media Foundation Memory Corruption Vulnerability
- CVE-2020-0938 Adobe Font Manager Library Remote Code Execution Vulnerability
- CVE-2020-0946 Media Foundation Information Disclosure Vulnerability
- CVE-2020-0953 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0948 Media Foundation Memory Corruption Vulnerability
- CVE-2020-0937 Media Foundation Information Disclosure Vulnerability
- CVE-2020-1094 Windows Work Folder Service Elevation of Privilege Vulnerability
- CVE-2020-0955 Windows Kernel Information Disclosure in CPU Memory Access
- CVE-2020-0949 Media Foundation Memory Corruption Vulnerability

- CVE-2020-0960 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0959 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0945 Media Foundation Information Disclosure Vulnerability
- CVE-2020-0952 Windows GDI Information Disclosure Vulnerability
- CVE-2020-0995 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0958 Win32k Elevation of Privilege Vulnerability
- CVE-2020-0965 Microsoft Windows Codecs Library Remote Code Execution Vulnerability
- CVE-2020-0956 Win32k Elevation of Privilege Vulnerability
- CVE-2020-1000 Windows Kernel Elevation of Privilege Vulnerability
- CVE-2020-1017 Windows Push Notification Service Elevation of Privilege Vulnerability
- CVE-2020-1009 Windows Elevation of Privilege Vulnerability
- CVE-2020-0962 Win32k Information Disclosure Vulnerability
- CVE-2020-0964 GDI+ Remote Code Execution Vulnerability
- CVE-2020-1011 Windows Elevation of Privilege Vulnerability
- CVE-2020-0994 Jet Database Engine Remote Code Execution Vulnerability
- CVE-2020-0982 Microsoft Graphics Component Information Disclosure Vulnerability
- CVE-2020-1020 Adobe Font Manager Library Remote Code Execution Vulnerability
- CVE-2020-1027 Windows Kernel Elevation of Privilege Vulnerability

For more details, please refer to the Microsoft website:
https://portal.msrc.microsoft.com/en-us/security-guidance

Impacted Mindray Products:

The following table lists the impacted device and those hotfixes determined to be applicable to each device:

OS	Hotfix	Product	Download website
Windows 8.1 for 32-bit systems	KB4550961	BeneVision CMS Viewer	windows8.1-kb4550961-x86_29ac7c7c236832e0c142cf4b2475b4650913bca0.msu
Windows 8.1 for x64-based systems	KB4550961	BeneVision CMS Viewer	windows8.1-kb4550961-x64_f04291aea4b9ca74669081c057d3527f7c9a14c3.msu
Windows 10 Version 1607 for 32-bit Systems	KB4550929	BeneVision CMS Viewer BeneVision CMS Hypervisor X CMS	windows10.0-kb4550929-x86_26726af7e851ffa136947a732a9d2567dc3c00a3.msu
Windows 10 Version 1607 for x64-based Systems	KB4550929	BeneVision CMS eGateway BeneVision CMS Viewer MLDAP Server Hypervisor X CMS	windows10.0-kb4550929-x64_1d6541833fc96407f5c59911aaf1fcd2bf2036aa.msu
Windows Server 2012 R2	KB4550970	BeneVision CMS eGateway	windows8.1-kb4550970-x64_158f02f936f9037997e9bc91e536a851c3d179d3.msu
	KB4550961	BeneVision CMS Viewer BeneVision Mobile Server MLDAP Server	windows8.1-kb4550961-x64_f04291aea4b9ca74669081c057d3527f7c9a14c3.msu
Windows Server	KB4550929	BeneVision CMS	windows10.0-kb4550929-x64_1d6541

2016		eGateway MLDAP Server BeneVision Mobile Server	833fc96407f5c59911aaf1fcd2bf2036aa.msu
Windows 10 Version 1607 for x64-based Systems	KB4550929	iView	windows10.0-kb4550929-x64_1d6541833fc96407f5c59911aaf1fcd2bf2036aa.msu

Conclusion and Recommendation:

We have validated that the Mindray products of the latest version can perform to specification with the applicable patches applied to the OS. It is recommended that the applicable patches defined in the table above should be installed on the affected Mindray products.

If you need information on how to obtain the approved patches or have any question, please feel free to contact Mindray regional service engineer or Mindray Service Department (email: *service@mindray.com*).

Thank you for your kind attention and cooperation.

Sincerely yours,

Mindray Service Department
Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Release Time：2020-05-04