Security Patches for Mindray Products Running on Windows OS (January, 2021)

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 January, 2021. The following CVEs have been evaluated:

CVE Identifiers

- CVE-2021-1710 Microsoft Windows Media Foundation Remote Code Execution Vulnerability
- CVE-2021-1709 Windows Win32k Elevation of Privilege Vulnerability
- CVE-2021-1708 Windows GDI+ Information Disclosure Vulnerability
- CVE-2021-1706 Windows LUAFV Elevation of Privilege Vulnerability
- CVE-2021-1705 Microsoft Edge (HTML-based) Memory Corruption Vulnerability
- CVE-2021-1704 Windows Hyper-V Elevation of Privilege Vulnerability
- CVE-2021-1703 Windows Event Logging Service Elevation of Privilege Vulnerability
- CVE-2021-1702 Windows Remote Procedure Call Runtime Elevation of Privilege Vulnerability
- CVE-2021-1701 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1700 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1699 Windows (modem.sys) Information Disclosure Vulnerability
- CVE-2021-1697 Windows InstallService Elevation of Privilege Vulnerability
- CVE-2021-1696 Windows Graphics Component Information Disclosure Vulnerability
- CVE-2021-1695 Windows Print Spooler Elevation of Privilege Vulnerability
- CVE-2021-1694 Windows Update Stack Elevation of Privilege Vulnerability
- CVE-2021-1693 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1692 Hyper-V Denial of Service Vulnerability
- CVE-2021-1691 Hyper-V Denial of Service Vulnerability
- CVE-2021-1690 Windows WalletService Elevation of Privilege Vulnerability
- CVE-2021-1689 Windows Multipoint Management Elevation of Privilege Vulnerability
- CVE-2021-1688 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1687 Windows WalletService Elevation of Privilege Vulnerability
- CVE-2021-1686 Windows WalletService Elevation of Privilege Vulnerability
- CVE-2021-1685 Windows AppX Deployment Extensions Elevation of Privilege Vulnerability
- CVE-2021-1684 Windows Bluetooth Security Feature Bypass Vulnerability
- CVE-2021-1683 Windows Bluetooth Security Feature Bypass Vulnerability
- CVE-2021-1682 Windows Kernel Elevation of Privilege Vulnerability
- CVE-2021-1681 Windows WalletService Elevation of Privilege Vulnerability
- CVE-2021-1680 Diagnostics Hub Standard Collector Elevation of Privilege Vulnerability
- CVE-2021-1679 Windows CryptoAPI Denial of Service Vulnerability
- CVE-2021-1678 NTLM Security Feature Bypass Vulnerability
- CVE-2021-1677 Azure Active Directory Pod Identity Spoofing Vulnerability
- CVE-2021-1676 Windows NT Lan Manager Datagram Receiver Driver Information Disclosure Vulnerability

- CVE-2021-1674 Windows Remote Desktop Protocol Core Security Feature Bypass Vulnerability
- CVE-2021-1673 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1672 Windows Projected File System FS Filter Driver Information Disclosure Vulnerability
- CVE-2021-1671 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1670 Windows Projected File System FS Filter Driver Information Disclosure Vulnerability
- CVE-2021-1669 Windows Remote Desktop Security Feature Bypass Vulnerability
- CVE-2021-1668 Microsoft DTV-DVD Video Decoder Remote Code Execution Vulnerability
- CVE-2021-1667 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1666 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1665 GDI+ Remote Code Execution Vulnerability
- CVE-2021-1664 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1663 Windows Projected File System FS Filter Driver Information Disclosure Vulnerability
- CVE-2021-1662 Windows Event Tracing Elevation of Privilege Vulnerability
- CVE-2021-1661 Windows Installer Elevation of Privilege Vulnerability
- CVE-2021-1660 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1659 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1658 Remote Procedure Call Runtime Remote Code Execution Vulnerability
- CVE-2021-1657 Windows Fax Compose Form Remote Code Execution Vulnerability
- CVE-2021-1656 TPM Device Driver Information Disclosure Vulnerability
- CVE-2021-1655 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1654 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1653 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1652 Windows CSC Service Elevation of Privilege Vulnerability
- CVE-2021-1651 Diagnostics Hub Standard Collector Elevation of Privilege Vulnerability
- CVE-2021-1650 Windows Runtime C++ Template Library Elevation of Privilege Vulnerability
- CVE-2021-1649 Active Template Library Elevation of Privilege Vulnerability
- CVE-2021-1648 Microsoft splwow64 Elevation of Privilege Vulnerability
- CVE-2021-1647 Microsoft Defender Remote Code Execution Vulnerability
- CVE-2021-1646 Windows WLAN Service Elevation of Privilege Vulnerability
- CVE-2021-1645 Windows Docker Information Disclosure Vulnerability
- CVE-2021-1644 HEVC Video Extensions Remote Code Execution Vulnerability
- CVE-2021-1643 HEVC Video Extensions Remote Code Execution Vulnerability
- CVE-2021-1642 Windows AppX Deployment Extensions Elevation of Privilege Vulnerability
- CVE-2021-1638 Windows Bluetooth Security Feature Bypass Vulnerability
- CVE-2021-1637 Windows DNS Query Information Disclosure 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	KB4598285	BeneVision CMS Viewer	windows8.1-kb4598285-x86_e4ecc3ccfb63ba7fc834f0d2b3dfa57eaf5bb02b.msu
Windows 8.1 for x64-based systems	KB4598285	BeneVision CMS Viewer	windows8.1-kb4598285-x64_7ee28aa249afc9b4ebf3d491e5fa529a31bc29e7.msu
Windows 10 Version 1607 for 32-bit Systems	KB4598243	BeneVision CMS Viewer BeneVision CMS Hypervisor X CMS	windows10.0-kb4598243-x86_6f90e2e456a187a38f4e467a05ba2d09b6248aa7.msu
Windows 10 Version 1607 for x64-based Systems	KB4598243	BeneVision CMS eGateway BeneVision CMS Viewer, MLDAP Server Hypervisor X CMS	windows10.0-kb4598243-x64_a96fed949c557064b0e105745a5524717ad72ab2.msu
Windows Server 2012 R2	KB4598275	BeneVision CMS eGateway	windows8.1-kb4598275-x64_faec6da0d1396da3bf0ceaa1bf194126395e29e8.msu
	KB4598285	BeneVision CMS Viewer, BeneVision Mobile Server, MLDAP Server	windows8.1-kb4598285-x64_7ee28aa249afc9b4ebf3d491e5fa529a31bc29e7.msu
Windows Server 2016	KB4598243	BeneVision CMS eGateway MLDAP Server BeneVision Mobile Server	windows10.0-kb4598243-x64_a96fed949c557064b0e105745a5524717ad72ab2.msu
Windows 10 Version 1607 for x64-based Systems	KB4598243	iView	windows10.0-kb4598243-x64_a96fed949c557064b0e105745a5524717ad72ab2.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.

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