

Security Patches for Mindray Products Running on Windows OS (June, 2023)

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 June, 2023. The following CVEs have been evaluated:

CVE Identifiers

- CVE-2023-32022 Windows Server Service Security Feature Bypass Vulnerability
- CVE-2023-32021 Windows SMB Witness Service Security Feature Bypass Vulnerability
- CVE-2023-32020 Windows DNS Spoofing Vulnerability
- CVE-2023-32019 Windows Kernel Information Disclosure Vulnerability
- CVE-2023-32017 Microsoft PostScript Printer Driver Remote Code Execution Vulnerability
- CVE-2023-32016 Windows Installer Information Disclosure Vulnerability
- CVE-2023-32015 Windows Pragmatic General Multicast (PGM) Remote Code Execution Vulnerability
- CVE-2023-32014 Windows Pragmatic General Multicast (PGM) Remote Code Execution Vulnerability
- CVE-2023-32013 Windows Hyper-V Denial of Service Vulnerability
- CVE-2023-32011 Windows iSCSI Discovery Service Denial of Service Vulnerability
- CVE-2023-32009 Windows Collaborative Translation Framework Elevation of Privilege Vulnerability
- CVE-2023-32008 Windows Resilient File System (ReFS) Remote Code Execution Vulnerability
- CVE-2023-29373 Microsoft ODBC Driver Remote Code Execution Vulnerability
- CVE-2023-29372 Microsoft WDAC OLE DB provider for SQL Server Remote Code Execution Vulnerability
- CVE-2023-29371 Windows GDI Elevation of Privilege Vulnerability
- CVE-2023-29370 Windows Media Remote Code Execution Vulnerability
- CVE-2023-29369 Remote Procedure Call Runtime Denial of Service Vulnerability
- CVE-2023-29368 Windows Filtering Platform Elevation of Privilege Vulnerability
- CVE-2023-29367 iSCSI Target WMI Provider Remote Code Execution Vulnerability
- CVE-2023-29365 Windows Media Remote Code Execution Vulnerability
- CVE-2023-29364 Windows Authentication Elevation of Privilege Vulnerability
- CVE-2023-29363 Windows Pragmatic General Multicast (PGM) Remote Code Execution Vulnerability
- CVE-2023-29362 Remote Desktop Client Remote Code Execution Vulnerability
- CVE-2023-29360 Windows TPM Device Driver Elevation of Privilege Vulnerability
- CVE-2023-29359 GDI Elevation of Privilege Vulnerability
- CVE-2023-29358 Windows GDI Elevation of Privilege Vulnerability

- CVE-2023-29355 DHCP Server Service Information Disclosure Vulnerability
- CVE-2023-29352 Windows Remote Desktop Security Feature Bypass Vulnerability
- CVE-2023-29351 Windows Group Policy Elevation of Privilege Vulnerability
- CVE-2023-29346 NTFS Elevation of Privilege Vulnerability
- CVE-2023-24938 Windows CryptoAPI Denial of Service Vulnerability
- CVE-2023-24937 Windows CryptoAPI Denial of Service 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:

Product	OS	Hotfix	Download website	Necessary Pre-installed patch
BeneVision CMS	Windows 10 Professional SP1 64bit 1809	KB5027222	windows10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5027222	windows10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5027219	windows10.0-kb5027219-x86_a2a4973ee0003c63c5657103686b68cda40cafae.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5027219	windows10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5027282	windows8.1-kb5027282-x64_48a8ca634dda942258c124b373466fcdc4c7efbd.msu	
	Windows Server 2016	KB5027219	windows10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
BeneVision CMS Viewer	Windows 10 Professional SP1 64bit 1809	KB5027222	windows10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5027219	windows10.0-kb5027219-x86_a2a4973ee0003c63c5657103686b68cda40cafae.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5027219	windows10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5027271	windows8.1-kb5027271-x64_39217c86f4f8f5d160b728e79621011c6a7e2100.msu	
Hypervisor X CMS	Windows 10 Professional SP1 64bit 1809	KB5027222	windows10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5027222	windows10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243

				KB4587735
	Windows 10 1607 for 32-bit	KB5027219	windows.10.0-kb5027219-x86_a2a4973ee0003c63c5657103686b68cda40cafae.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
eGateway	Windows 10 Professional SP1 64bit 1809	KB5027222	windows.10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5027222	windows.10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for x64-based	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5027282	windows.8.1-kb5027282-x64_48a8ca634dda942258c124b373466fcdc4c7efbd.msu	
	Windows Server 2016	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
MLDAP Server	Windows 10 1607 for x64-based	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5027271	windows.8.1-kb5027271-x64_39217c86f4f8f5d160b728e79621011c6a7e2100.msu	
	Windows Server 2016	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
	Windows Server 2019	KB5027222	windows.10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
BeneVision Mobile Server	Windows Server 2016	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216
	Windows Server 2012 R2	KB5027271	windows.8.1-kb5027271-x64_39217c86f4f8f5d160b728e79621011c6a7e2100.msu	
	Windows Server 2019	KB5027222	windows.10.0-kb5027222-x64_5802ce76528f37a5abbd6bde65549a9bad98acfc.msu	KB5005112 KB5003243 KB4587735
iView	Windows 10 1607 for x64-based	KB5027219	windows.10.0-kb5027219-x64_d77bfbf3441425980ce4300486e739ac9b3d0585.msu	KB4498947 KB4132216

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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