

Security Patches for Mindray Products Running on Windows OS (Jan, 2024)

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 Jan, 2024. The following CVEs have been evaluated:

CVE Identifiers

- CVE-2024-21320 Windows Themes Spoofing Vulnerability
- CVE-2024-21316 Windows Server Key Distribution Service Security Feature Bypass
- CVE-2024-21314 Microsoft Message Queuing Information Disclosure Vulnerability
- CVE-2024-21313 Windows TCP/IP Information Disclosure Vulnerability
- CVE-2024-21311 Windows Cryptographic Services Information Disclosure Vulnerability
- CVE-2024-21310 Windows Cloud Files Mini Filter Driver Elevation of Privilege Vulnerability
- CVE-2024-21307 Remote Desktop Client Remote Code Execution Vulnerability
- CVE-2024-21305 Hypervisor-Protected Code Integrity (HVCI) Security Feature Bypass Vulnerability
- CVE-2024-20700 Windows Hyper-V Remote Code Execution Vulnerability
- CVE-2024-20699 Windows Hyper-V Denial of Service Vulnerability
- CVE-2024-20698 Windows Kernel Elevation of Privilege Vulnerability
- CVE-2024-20696 Windows Libarchive Remote Code Execution Vulnerability
- CVE-2024-20694 Windows CoreMessaging Information Disclosure Vulnerability
- CVE-2024-20692 Microsoft Local Security Authority Subsystem Service Information Disclosure Vulnerability
- CVE-2024-20691 Windows Themes Information Disclosure Vulnerability
- CVE-2024-20690 Windows Nearby Sharing Spoofing Vulnerability
- CVE-2024-20687 Microsoft AllJoyn API Denial of Service Vulnerability
- CVE-2024-20683 Win32k Elevation of Privilege Vulnerability
- CVE-2024-20682 Windows Cryptographic Services Remote Code Execution Vulnerability
- CVE-2024-20680 Windows Message Queuing Client (MSMQC) Information Disclosure
- CVE-2024-20674 Windows Kerberos Security Feature Bypass Vulnerability
- CVE-2024-20666 BitLocker Security Feature Bypass Vulnerability
- CVE-2024-20664 Microsoft Message Queuing Information Disclosure Vulnerability
- CVE-2024-20663 Windows Message Queuing Client (MSMQC) Information Disclosure
- CVE-2024-20662 Windows Online Certificate Status Protocol (OCSP) Information Disclosure Vulnerability
- CVE-2024-20661 Microsoft Message Queuing Denial of Service Vulnerability
- CVE-2024-20660 Microsoft Message Queuing Information Disclosure Vulnerability
- CVE-2024-20658 Microsoft Virtual Hard Disk Elevation of Privilege Vulnerability

- CVE-2024-20657 Windows Group Policy Elevation of Privilege Vulnerability
- CVE-2024-20656 Visual Studio Elevation of Privilege Vulnerability
- CVE-2024-20655 Microsoft Online Certificate Status Protocol (OCSP) Remote Code Execution Vulnerability
- CVE-2024-20654 Microsoft ODBC Driver Remote Code Execution Vulnerability
- CVE-2024-20653 Microsoft Common Log File System Elevation of Privilege Vulnerability
- CVE-2024-20652 Windows HTML Platforms Security Feature Bypass 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	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5034119	windows10.0-kb5034119-x86_bc12c8bc00fed6d7fc0cf1a952fc6b2cf08b7e46.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
	Windows Server 2016	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
BeneVision CMS Viewer	Windows 10 Professional SP1 64bit 1809	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5034119	windows10.0-kb5034119-x86_bc12c8bc00fed6d7fc0cf1a952fc6b2cf08b7e46.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
Hypervisor X	Windows 10 Professional SP1 64bit 1809	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735

	Windows 10 1607 for 32-bit	KB5034119	windows10.0-kb5034119-x86_bc12c8bc00fed6d7fc0cf1a952fc6b2cf08b7e46.msu	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
eGateway	Windows 10 Professional SP1 64bit 1809	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for x64-based	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
	Windows Server 2016	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
MLDAP Server	Windows 10 1607 for x64-based	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
	Windows Server 2016	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
	Windows Server 2019	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
BeneVision Mobile Server	Windows Server 2016	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.msu	KB4498947 KB4132216
	Windows Server 2019	KB5034127	windows10.0-kb5034127-x64_7ac59afbc502ef9dc77f7584b31110ea0b23a566.msu	KB5005112 KB5003243 KB4587735
iView	Windows 10 1607 for x64-based	KB5034119	windows10.0-kb5034119-x64_660a717e4dbbd5820216b964e5933b6ee972d98c.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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