

## Security Patches for Mindray Products Running on Windows OS (May, 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 May, 2023. The following CVEs have been evaluated:

**CVE Identifiers**

- CVE-2023-29336 Win32k Elevation of Privilege Vulnerability
- CVE-2023-29325 Windows OLE Remote Code Execution Vulnerability
- CVE-2023-29324 Windows MSHTML Platform Security Feature Bypass Vulnerability
- CVE-2023-28283 Windows Lightweight Directory Access Protocol (LDAP) Remote Code Execution Vulnerability
- CVE-2023-28251 Windows Driver Revocation List Security Feature Bypass Vulnerability
- CVE-2023-24949 Windows Kernel Elevation of Privilege Vulnerability
- CVE-2023-24948 Windows Bluetooth Driver Elevation of Privilege Vulnerability
- CVE-2023-24947 Windows Bluetooth Driver Remote Code Execution Vulnerability
- CVE-2023-24946 Windows Backup Service Elevation of Privilege Vulnerability
- CVE-2023-24945 Windows iSCSI Target Service Information Disclosure Vulnerability
- CVE-2023-24944 Windows Bluetooth Driver Information Disclosure Vulnerability
- CVE-2023-24943 Windows Pragmatic General Multicast (PGM) Remote Code Execution Vulnerability
- CVE-2023-24942 Remote Procedure Call Runtime Denial of Service Vulnerability
- CVE-2023-24941 Windows Network File System Remote Code Execution Vulnerability
- CVE-2023-24940 Windows Pragmatic General Multicast (PGM) Denial of Service Vulnerability
- CVE-2023-24939 Server for NFS Denial of Service Vulnerability
- CVE-2023-24932 Secure Boot Security Feature Bypass Vulnerability
- CVE-2023-24903 Windows Secure Socket Tunneling Protocol (SSTP) Remote Code Execution Vulnerability
- CVE-2023-24901 Windows NFS Portmapper Information Disclosure Vulnerability
- CVE-2023-24900 Windows NTLM Security Support Provider 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:

Product	OS	Hotfix	Download website	Necessary Pre-installed patch
BeneVision CMS	Windows 10 Professional SP1 64bit 1809	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5026363	<a href="#">windows10.0-kb5026363-x86_977e6cc814f7d7e7368d74d80a11cf66eb791525.msu</a>	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
	Windows Server 2012 R2	KB5026409 KB5023790	<a href="#">windows8.1-kb5026409-x64_07580b1aafba02408cbca3184fff5edf2d9aa382.msu</a> <a href="#">windows8.1-kb5023790-x64_2bf6f0bb4f46f08e15a4223831d545cd125d8ae6.msu</a>	
	Windows Server 2016	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
BeneVision CMS Viewer	Windows 10 Professional SP1 64bit 1809	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5026363	<a href="#">windows10.0-kb5026363-x86_977e6cc814f7d7e7368d74d80a11cf66eb791525.msu</a>	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
	Windows Server 2012 R2	KB5026415 KB5023790	<a href="#">windows8.1-kb5026415-x64_26ed788220d49ad631f8051fc8059bdeb5164d49.msu</a> <a href="#">windows8.1-kb5023790-x64_2bf6f0bb4f46f08e15a4223831d545cd125d8ae6.msu</a>	
Hypervisor X CMS	Windows 10 Professional SP1 64bit 1809	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
	Windows Server 2019	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for 32-bit	KB5026363	<a href="#">windows10.0-kb5026363-x86_977e6cc814f7d7e7368d74d80a11cf66eb791525.msu</a>	KB4498947 KB4132216
	Windows 10 1607 for x64-based	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
eGateway	Windows 10 Professional SP1 64bit 1809	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735

	Windows Server 2019	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
	Windows 10 1607 for x64-based	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
	Windows Server 2012 R2	KB5026409 KB5023790	<a href="#">windows8.1-kb5026409-x64_07580b1aafba02408cbca3184fff5edf2d9aa382.msu</a> <a href="#">windows8.1-kb5023790-x64_2bf6f0bb4f46f08e15a4223831d545cd125d8ae6.msu</a>	
	Windows Server 2016	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
MLDAP Server	Windows 10 1607 for x64-based	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
	Windows Server 2012 R2	KB5026415 KB5023790	<a href="#">windows8.1-kb5026415-x64_26ed788220d49ad631f8051fc8059bdeb5164d49.msu</a> <a href="#">windows8.1-kb5023790-x64_2bf6f0bb4f46f08e15a4223831d545cd125d8ae6.msu</a>	
	Windows Server 2016	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
	Windows Server 2019	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
BeneVision Mobile Server	Windows Server 2016	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	KB4498947 KB4132216
	Windows Server 2012 R2	KB5026415 KB5023790	<a href="#">windows8.1-kb5026415-x64_26ed788220d49ad631f8051fc8059bdeb5164d49.msu</a> <a href="#">windows8.1-kb5023790-x64_2bf6f0bb4f46f08e15a4223831d545cd125d8ae6.msu</a>	
	Windows Server 2019	KB5026362	<a href="#">windows10.0-kb5026362-x64_6984e22fb6e5980f59d8731da8b38415146acb50.msu</a>	KB5005112 KB5003243 KB4587735
iView	Windows 10 1607 for x64-based	KB5026363	<a href="#">windows10.0-kb5026363-x64_8fc1ee2832426d09b9b6088873afc82420609730.msu</a>	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](mailto: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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