

## Security Patches for Mindray Products Running on Windows OS (February, 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 February, 2021. The following CVEs have been evaluated:

**CVE Identifiers**

- CVE-2021-26701 .NET Core Remote Code Execution Vulnerability
- CVE-2021-25195 Windows PKU2U Elevation of Privilege Vulnerability
- CVE-2021-24114 Microsoft Teams iOS Information Disclosure Vulnerability
- CVE-2021-24112 .NET Core Remote Code Execution Vulnerability
- CVE-2021-24111 .NET Framework Denial of Service Vulnerability
- CVE-2021-24109 Microsoft Azure Kubernetes Service Elevation of Privilege Vulnerability
- CVE-2021-24106 Windows DirectX Information Disclosure Vulnerability
- CVE-2021-24105 Package Managers Configurations Remote Code Execution Vulnerability
- CVE-2021-24103 Windows Event Tracing Elevation of Privilege Vulnerability
- CVE-2021-24102 Windows Event Tracing Elevation of Privilege Vulnerability
- CVE-2021-24101 Microsoft Dataverse Information Disclosure Vulnerability
- CVE-2021-24100 Microsoft Edge for Android Information Disclosure Vulnerability
- CVE-2021-24099 Skype for Business and Lync Denial of Service Vulnerability
- CVE-2021-24098 Windows Console Driver Denial of Service Vulnerability
- CVE-2021-24096 Windows Kernel Elevation of Privilege Vulnerability
- CVE-2021-24094 Windows TCP/IP Remote Code Execution Vulnerability
- CVE-2021-24093 Windows Graphics Component Remote Code Execution Vulnerability
- CVE-2021-24092 Microsoft Defender Elevation of Privilege Vulnerability
- CVE-2021-24091 Windows Camera Codec Pack Remote Code Execution Vulnerability
- CVE-2021-24088 Windows Local Spooler Remote Code Execution Vulnerability
- CVE-2021-24087 Azure IoT CLI extension Elevation of Privilege Vulnerability
- CVE-2021-24086 Windows TCP/IP Denial of Service Vulnerability
- CVE-2021-24085 Microsoft Exchange Server Spoofing Vulnerability
- CVE-2021-24084 Windows Mobile Device Management Information Disclosure Vulnerability
- CVE-2021-24083 Windows Address Book Remote Code Execution Vulnerability
- CVE-2021-24082 Microsoft.PowerShell.Utility Module WDAC Security Feature Bypass Vulnerability
- CVE-2021-24081 Microsoft Windows Codecs Library Remote Code Execution Vulnerability
- CVE-2021-24080 Windows Trust Verification API Denial of Service Vulnerability
- CVE-2021-24079 Windows Backup Engine Information Disclosure Vulnerability
- CVE-2021-24078 Windows DNS Server Remote Code Execution Vulnerability
- CVE-2021-24077 Windows Fax Service Remote Code Execution Vulnerability
- CVE-2021-24076 Microsoft Windows VMSwitch Information Disclosure Vulnerability
- CVE-2021-24075 Windows Network File System Denial of Service Vulnerability

- CVE-2021-24074 Windows TCP/IP Remote Code Execution Vulnerability
- CVE-2021-24073 Skype for Business and Lync Spoofing Vulnerability
- CVE-2021-21157 Chromium CVE-2021-21157: Use after free in Web Sockets
- CVE-2021-21156 Chromium CVE-2021-21156: Heap buffer overflow in V8
- CVE-2021-21155 Chromium CVE-2021-21155: Heap buffer overflow in Tab Strip
- CVE-2021-21154 Chromium: CVE-2021-21154 Heap buffer overflow in Tab Strip
- CVE-2021-21153 Chromium: CVE-2021-21153 Stack overflow in GPU Process
- CVE-2021-21152 Chromium: CVE-2021-21152 Heap buffer overflow in Media
- CVE-2021-21151 Chromium: CVE-2021-21151 Use after free in Payments
- CVE-2021-21150 Chromium: CVE-2021-21150 Use after free in Downloads
- CVE-2021-21149 Chromium CVE-2021-21149: Stack overflow in Data Transfer
- CVE-2021-1734 Windows Remote Procedure Call Information Disclosure Vulnerability
- CVE-2021-1733 Sysinternals PsExec Elevation of Privilege Vulnerability
- CVE-2021-1732 Windows Win32k Elevation of Privilege Vulnerability
- CVE-2021-1731 PFX Encryption Security Feature Bypass Vulnerability
- CVE-2021-1730 Microsoft Exchange Server Spoofing Vulnerability
- CVE-2021-1728 System Center Operations Manager Elevation of Privilege Vulnerability
- CVE-2021-1727 Windows Installer Elevation of Privilege Vulnerability
- CVE-2021-1724 Microsoft Dynamics Business Central Cross-site Scripting Vulnerability
- CVE-2021-1722 Windows Fax Service Remote Code Execution Vulnerability
- CVE-2021-1721 .NET Core and Visual Studio Denial of Service Vulnerability
- CVE-2021-1698 Windows Win32k Elevation of Privilege Vulnerability
- CVE-2021-1692 Hyper-V Denial of Service Vulnerability
- CVE-2020-17162 Microsoft Windows Security Feature Bypass Vulnerability
- CVE-2020-1472 Netlogon Elevation of Privilege Vulnerability
- ADV990001 Latest Servicing Stack Updates

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	KB4601384	BeneVision CMS Viewer	<a href="https://www.microsoft.com/download/details/download.aspx?downloadid=95822">windows8.1-kb4601384-x86_ab97bcef52a0a7c64893f282ae88d326f4eb60c7.msu</a>
Windows 8.1 for x64-based systems	KB4601384	BeneVision CMS Viewer	<a href="https://www.microsoft.com/download/details/download.aspx?downloadid=95822">windows8.1-kb4601384-x64_dbeb8b3f9ab1e96c25ab9e70149170bcc0cbdf4e.msu</a>
Windows 10 Version 1607 for 32-bit Systems	KB4601318	BeneVision CMS Viewer BeneVision CMS Hypervisor X CMS	<a href="https://www.microsoft.com/download/details/download.aspx?downloadid=95822">windows10.0-kb4601318-x86_8e199aa4b5e9c78932363653e42787fda9e0ec61.msu</a>
Windows 10 Version 1607 for x64-based Systems	KB4601318	BeneVision CMS eGateway BeneVision CMS Viewer,	<a href="https://www.microsoft.com/download/details/download.aspx?downloadid=95822">windows10.0-kb4601318-x64_0e3c1261a7405cf824f2ab40c2cfc0efff18214b.msu</a>

		MLDAP Server Hypervisor X CMS	
Windows Server 2012 R2	KB4601349	BeneVision CMS eGateway	<a href="#">windows8.1-kb4601349-x64_5635f211ce7a9b52bb05acdc8761e8b5882ba77a.msu</a>
	KB4601384	BeneVision CMS Viewer, BeneVision Mobile Server, MLDAP Server	<a href="#">windows8.1-kb4601384-x64_dbeb8b3f9ab1e96c25ab9e70149170bcc0cbdf4e.msu</a>
Windows Server 2016	KB4601318	BeneVision CMS eGateway MLDAP Server BeneVision Mobile Server	<a href="#">windows10.0-kb4601318-x64_0e3c1261a7405cf824f2ab40c2cfc0efff18214b.msu</a>
Windows 10 Version 1607 for x64-based Systems	KB4601318	iView	<a href="#">windows10.0-kb4601318-x64_0e3c1261a7405cf824f2ab40c2cfc0efff18214b.msu</a>

### 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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