

BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	This security update includes improvements and fixes that were a part of update KB5001382 (released April 13, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and Microsoft Scripting Engine.	<a href="#">KB5003209</a>	None
2021-05 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.	<a href="#">KB5003220</a>	None
2021-05 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems	This security update includes improvements and fixes that were a part of update KB5001335 (released April 13, 2021) and addresses the following issues: Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).	<a href="#">KB5003233</a>	None



	Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and Microsoft Scripting Engine.		
2021-05 Security Only Quality Update for Windows Embedded Standard 7 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1). Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.	<a href="#">KB5003228</a>	None
2021-05 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows. Provides a DWORD registry key to address a performance issue that might occur when you use the Background Intelligent Transfer service (BITS) to download many files. Set the DWORD registry key as "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\BITS\EnableLargeBuffer= 0x1". After you set the registry key, restart the machine, or restart BITS to enable the use of large buffer size and file size incrementing. Addresses an issue in Task Scheduler that causes monthly tasks and tasks	<a href="#">KB5003197</a>	None

	<p>scheduled for 0 UTC to occur at the wrong time. Security updates to Windows App Platform and Frameworks, the Microsoft Scripting Engine, and the Windows Silicon Platform.</p>		
<p>2021-05 Servicing Stack Update for Windows 10 Version 1809 for x64-based Systems</p>	<p>This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) makes sure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.</p>	<p><a href="#">KB5003243</a></p>	<p>None</p>
<p>Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10, version 1809 and Windows Server, version 2019</p>	<p>This update is included in the Cumulative Update that's dated May 11, 2021. Parts of this update were previously released in the Cumulative Update that's dated February 24, 2021.</p>	<p><a href="#">KB5001879</a></p>	<p>None</p>
<p>2021-05 Cumulative Update for Windows 10 Version 1809 for x64-based Systems</p>	<p>Updates to improve security when Windows performs basic operations.  Updates to improve Windows OLE (compound documents) security.  Updates security for Bluetooth drivers.  Security updates to Windows App Platform and Frameworks, the Windows Kernel, the Microsoft Scripting Engine, and the Windows Silicon Platform.</p>	<p><a href="#">KB5003171</a></p>	<p>None</p>
<p>Cumulative Update for .NET Framework 3.5 and 4.7.2 for Windows 10, version 1809 and Windows Server, version 2019</p>	<p>The May 11, 2021 update for Windows 10, version 1809 and Windows Server, version 2019 includes cumulative reliability improvements in .NET Framework 3.5 and 4.7.2. We recommend that you apply this update as part of your regular maintenance routines.</p>	<p><a href="#">KB4601558</a></p>	<p>None</p>

2021-05 Cumulative Update for Windows 10 Version 2004 for x64-based Systems	Updates to improve security when Windows performs basic operations. Updates to improve Windows OLE (compound documents) security. Updates security for Bluetooth drivers.	<a href="#">KB5003173</a>	None
Security intelligence updates for Microsoft Defender Antivirus and other Microsoft antimalware	Microsoft continually updates security intelligence in antimalware products to cover the latest threats and to constantly tweak detection logic, enhancing the ability of Microsoft Defender Antivirus and other Microsoft antimalware solutions to accurately identify threats. This security intelligence works directly with cloud-based protection to deliver fast and powerful AI-enhanced, next-generation protection.	<a href="#">KB2267602</a>	None
Remove specific prevalent malware with Windows Malicious Software Removal Tool	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer.	<a href="#">KB890830</a>	None

BD Product Name: **BD Pyxis® Connect**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.89	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems	<a href="#">KB890830</a>	None



BD Product Name: **BD Pyxis™ Security Module**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.89	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems: Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows 7 Windows Server 2008 R2 for x64-based Systems	<a href="#">KB890830</a>	N/A
2021-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	This security update includes improvements and fixes and addresses the following issues: <ul style="list-style-type: none"><li>Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and Microsoft Scripting Engine.</li></ul>	<a href="#">KB5003209</a>	N/A
2021-05 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include:	<a href="#">KB5003220</a>	N/A



	<ul style="list-style-type: none"><li>• Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.</li></ul>		
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BD Product Name: **BD Pyxis™ CIISafe™**

Date of Critical or Security Patches: May 2021  
Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Update for Windows 7	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB 3138612</a>	N/A
Update for Windows Embedded Standard 7 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB2882822</a>	N/A
Update for Windows Server 2008 R2 x64 Edition	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB2834140</a>	N/A





<p>2021-05 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p><a href="#">KB5001878</a></p>	<p>N/A</p>
<p>2021-05 Security Monthly Quality Rollup for Windows 7 for x86-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p><a href="#">KB5003233</a></p>	<p>N/A</p>
<p>2021-05 Security Only Quality Update for Windows 7 for x86-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p><a href="#">KB5003228</a></p>	<p>N/A</p>
<p>Windows Malicious Software Removal Tool x64 - v5.89</p>	<p>After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will</p>	<p><a href="#">KB890830</a></p>	<p>N/A</p>

	<p>be offered every month. If you want to manually run the tool on your computer, you can download a copy from the Microsoft Download Center, or you can run an online version from microsoft.com. This tool is not a replacement for an antivirus product. To help protect your computer, you should use an antivirus product.</p>		
<p>2021-05 Cumulative Update for .NET Framework 4.8 for Windows Server 2016 for x64</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.</p>	<p><a href="#">KB5001841</a></p>	<p>N/A</p>
<p>2021-05 Cumulative Update for Windows 10 Version 1607 for x86-based Systems</p>	<p>A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.</p>	<p><a href="#">KB5003197</a></p>	<p>N/A</p>
<p>Update for Windows Embedded Standard 7 for x64-based Systems</p>	<p>Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer</p>	<p><a href="#">KB2882822</a></p>	<p>N/A</p>

BD Product Name: **BD Pyxis™ CUBIE™ Replenishment System**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-05 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your compute	<a href="#">KB5001878</a>	N/A
2021-05 Security Monthly Quality Rollup for Windows 7 for x86-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5003233</a>	N/A
021-05 Security Only Quality Update for Windows 7 for x86-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete	<a href="#">KB5003228</a>	N/A



	listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system		
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BD Product Name: **BD Pyxis™ Anesthesia Station 4000**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.89	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	<a href="#">KB890830</a>	N/A
2021-05 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	<p>This security update includes quality improvements. Key changes include: Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows.</p> <p>Provides a DWORD registry key to address a performance issue that might occur when you use the Background Intelligent Transfer service (BITS) to download many files. Set the DWORD registry key as "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\BITS\EnableLargeBuffer= 0x1". After you set the registry key, restart the</p>	<a href="#">KB5003197</a>	N/A



	<p>machine, or restart BITS to enable the use of large buffer size and file size incrementing.</p> <p>Addresses an issue in Task Scheduler that causes monthly tasks and tasks scheduled for 0 UTC to occur at the wrong time.</p> <p>Security updates to Windows App Platform and Frameworks, the Microsoft Scripting Engine, and the Windows Silicon Platform.</p>		
2021-05 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).</p> <p>Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.</p>	<a href="#">KB5003228</a>	N/A
2021-05 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	<p>This security update includes improvements and fixes that were a part of update KB5001335 (released April 13, 2021) and addresses the following issues:</p> <p>Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).</p> <p>Security updates to Windows App Platform and Frameworks, Windows Silicon</p>	<a href="#">KB5003233</a>	N/A

	Platform, and Microsoft Scripting Engine.		
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BD Product Name: **BD Pyxis™ Anesthesia System 3500**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-05 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).</p> <p>Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.</p>	<a href="#">KB5003228</a>	N/A





BD Product Name: **BD Pyxis™ MedStation™ 3500**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool - v5.89	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	<a href="#">KB890830</a>	N/A
2021-05 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include:  Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).  Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.	<a href="#">KB5003228</a>	N/A
2021-05 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	This security update includes improvements and fixes that were a part of update KB5001335 (released April 13, 2021) and addresses the following issues:	<a href="#">KB5003233</a>	N/A



	<p>Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).</p> <p>Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and Microsoft Scripting Engine.</p>		
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BD Product Name: **BD Pyxis™ MedStation™ 4000**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Windows Malicious Software Removal Tool x64 - v5.89	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	<a href="#">KB890830</a>	N/A
2021-05 Cumulative Update for Windows Server 2016 for x64-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows.</p> <p>Provides a DWORD registry key to address a performance issue that might occur when you use the Background Intelligent Transfer service (BITS) to download many files. Set the DWORD registry key as "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\BITS\EnableLargeBuffer= 0x1". After you set the registry key, restart the machine, or restart BITS to</p>	<a href="#">KB5003197</a>	N/A



	<p>enable the use of large buffer size and file size incrementing.</p> <p>Addresses an issue in Task Scheduler that causes monthly tasks and tasks scheduled for 0 UTC to occur at the wrong time.</p> <p>Security updates to Windows App Platform and Frameworks, the Microsoft Scripting Engine, and the Windows Silicon Platform.</p>		
<p>2021-05 Cumulative Update for Windows 10 Version 1607 for x64-based Systems</p>	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows.</p> <p>Provides a DWORD registry key to address a performance issue that might occur when you use the Background Intelligent Transfer service (BITS) to download many files. Set the DWORD registry key as "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\BITS\EnableLargeBuffer= 0x1". After you set the registry key, restart the machine, or restart BITS to enable the use of large buffer size and file size incrementing.</p> <p>Addresses an issue in Task Scheduler that causes monthly tasks and tasks scheduled for 0 UTC to occur at the wrong time.</p>	<p><a href="#">KB5003197</a></p>	<p>N/A</p>

	Security updates to Windows App Platform and Frameworks, the Microsoft Scripting Engine, and the Windows Silicon Platform.		
Windows Malicious Software Removal Tool - v5.89	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	<a href="#">KB890830</a>	N/A
2021-05 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1).</p> <p>Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.</p>	<a href="#">KB5003228</a>	N/A

BD Product Name: **BD Pyxis® PARx**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
Malicious Software Removal Tool - KB890830 (Version 5.89)	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running any of the following operating systems:  Windows 10 Windows Server 2019 Windows Server 2016 Windows 8.1 Windows Server 2012 R2 Windows Server 2012 Windows Server 2008 R2 Windows 7 Windows Server 2008	<a href="#">KB890830</a>	N/A
2021-05 Cumulative Update for Windows 10 Version 1607 for x64-based Systems (KB5003197)	This update Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows.	<a href="#">KB5003197</a>	N/A



BD Product Name: **BD Pyxis™ CIISafe ES**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-05 Cumulative Update for Windows Server 2019 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5003171</a>	None
2021-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB5003243</a>	None



Cumulative Update for 3.5, 4.7.2 and 4.8 for Windows 10, version 1809 and windows Server, version 2019	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB5001879</a>	None
2021-02 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 1809 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB4601555</a>	None
Security Update for Windows Server 2016 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system	<a href="#">KB4535680</a>	None



BD Product Name: **BD Pyxis™ Anesthesia ES**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-05 Cumulative Update for .NET Framework 3.5 and 4.7.2 for Windows 10 Version 1809 for ARM64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB5001879</a>	None
2021-05 Cumulative Update for Windows Server 2019 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5003171</a>	None

2021-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB5003243</a>	None
2021-02 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 1809 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB4601555</a>	None
2021-05 Security and Quality Rollup for .NET Framework 3.5.1, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Embedded Standard 7	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB5001878</a>	None
2021-05 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5003233</a>	None
2021-05 Security Only Quality Update for Windows Embedded Standard	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by	<a href="#">KB5003228</a>	None

7 for x86-based Systems	installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.		
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BD Product Name: **BD Pyxis™ Med Station ES**

Date of Critical or Security Patches: May 2021

Abstract: Critical or Security Patches – May 2021

### **Microsoft® & Third-Party Patches**

BD has identified patches from Microsoft that have been identified as critical or security related for May 2021. These patches were not found to adversely affect BD products and will be applied according to customers' service agreement.

Customers that maintain patches independent of BD automated delivery should ensure the validated patches are installed on their BD systems as the acting responsible entity in order to maintain the correct security posture of the system(s).

<b>Patch Name</b>	<b>Description</b>	<b>Patch ID</b>	<b>Notes</b>
2021-05 Cumulative Update for Windows Server 2019 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	<a href="#">KB5003171</a>	None
2021-05 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB5003243</a>	None
2021-05 Cumulative Update for .NET Framework 3.5 and 4.7.2 for Windows 10	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this	<a href="#">KB5001879</a>	None



Version 1809 for ARM64	update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.		
2021-02 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 1809 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	<a href="#">KB4601555</a>	None
2021-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	This security update includes improvements and fixes that were a part of update KB5001382 (released April 13, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and Microsoft Scripting Engine.	<a href="#">KB5003209</a>	None
2021-05 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform.	<a href="#">KB5003220</a>	None
Remove specific prevalent malware with Windows Malicious Software Removal Tool	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer.	<a href="#">KB890830</a>	None

<p>2021-05 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x64-based Systems</p>	<p>This security update includes improvements and fixes that were a part of update KB5001335 (released April 13, 2021) and addresses the following issues: Addresses an issue in the Server Message Block (SMB) protocol which may cause frequent crashes with Stop error 0xA on devices that run Windows Server 2008 R2 Service Pack 1 (SP1). Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and Microsoft Scripting Engine.</p>	<p><a href="#">KB5003233</a></p>	<p>None</p>
<p>2021-05 Cumulative Update for Windows Server 2016 for x64-based Systems</p>	<p>This security update includes quality improvements. Key changes include: Addresses an issue with evaluating the compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows. Provides a DWORD registry key to address a performance issue that might occur when you use the Background Intelligent Transfer service (BITS) to download many files. Set the DWORD registry key as "HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\BITS\EnableLargeBuffer= 0x1". After you set the registry key, restart the machine, or restart BITS to enable the use of large buffer size and file size incrementing. Addresses an issue in Task Scheduler that causes monthly tasks and tasks scheduled for 0 UTC to occur at the wrong time.</p>	<p><a href="#">KB5003197</a></p>	<p>None</p>

	Security updates to Windows App Platform and Frameworks, the Microsoft Scripting Engine, and the Windows Silicon Platform.		
Cumulative Update for .NET Framework 4.8 for Windows 10, version 1607	The May 11, 2021 update for Windows 10, version 1607 and Windows Server, version 2016 includes cumulative reliability improvements in .NET Framework 4.8. We recommend that you apply this update as part of your regular maintenance routines. Before you install this update, see the Prerequisites and Restart requirement sections.	<a href="#">KB500841</a>	None

BD Product Name: **BD Pyxis™ IV Prep**

Date of Critical or Security Patches: May 2021

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Patch Name	Description	Patch ID	Notes
2021-05 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft.	<a href="#">KB5003220</a>	None
Windows Malicious Software Removal Tool x64 - v5.88	After the download, this tool runs one time to check your computer for infection by specific, prevalent malicious software (including Blaster, Sasser, and Mydoom) and helps remove any infection that is found. If an infection is found, the tool will display a status report the next time that you start your computer. A new version of the tool will be offered every month	<a href="#">KB890830</a>	None
2021-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems	A security issue has been identified in a Microsoft software product that could affect your system. You can help protect your system by installing this update from Microsoft.	<a href="#">KB5003209</a>	None





2021-05 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB5001881</a>	None
2021-05 Security and Quality Rollup for .NET Framework 4.8 for Windows Server 2012 R2 for x64	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB5001845</a>	None
2021-04 Servicing Stack Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB5001402</a>	None
2021-05 Cumulative Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB5003197</a>	None
Security Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB4535680</a>	None

Security Update for SQL Server 2016 Service Pack 1 GDR	A remote code execution vulnerability exists in Microsoft SQL Server when it incorrectly handles processing of internal functions. An attacker who successfully exploited this vulnerability could execute code in the context of the SQL Server Database Engine service account. To exploit the vulnerability, an authenticated attacker would need to submit a specially crafted query to an affected SQL server. The security update addresses the vulnerability by modifying how the Microsoft SQL Server Database Engine handles the processing of functions	<a href="#">KB4505219</a>	None
2018-05 Cumulative Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB4103720</a>	None
2018-04 Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB4093137</a>	None
2018-04 Cumulative Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB4093120</a>	None

2021-01 Cumulative Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB4598243</a>	None
2021-01 Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB4589210</a>	None
2021-04 Servicing Stack Update for Windows Server 2016 for x64-based Systems	Install this update to resolve issues in Windows. For a complete listing of the issues that are included in this update	<a href="#">KB5001402</a>	None