

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

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 Security Monthly Quality Rollup for Windows 7 for x64-based Systems (KB5003667)	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.	KB5003667	N/A
2021-06 Security Only Quality Update for Windows 7 for x86-based Systems (KB5003694)	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.	KB5003694	N/A



2021-06 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 for x64 (KB5003779)	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.	KB5003779	N/A
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BD Product Name: **BD Pyxis™ CUBIE™ Replenishment System**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 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
2021-06 Security Monthly Quality Rollup for Windows 7 for x64-based Systems (KB5003667)	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.	KB5003667	N/A
2021-06 Security Only Quality Update for Windows 7 for x86-based Systems (KB5003694)	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.	KB5003694	N/A



2021-06 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 for x64 (KB5003779)	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.	KB5003779	N/A
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BD Product Name: **BD Pyxis™ Security Module**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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 - v5.90	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	KB890830	N/A
2021-06 Security and Quality Rollup for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows Server 2012 R2 for x64	This Security Patch Update includes the following improvements: Windows Presentation Foundation: <ul style="list-style-type: none">• Addresses an issue when rapid typing using an IME can crash via FailFast.• Addresses an issue where Thaana characters displayed in left-to-right order.• Addresses a crash when WebBrowser receives a completion event for a	KB5003549	N/A



	<p>navigation it tried to cancel.</p> <p>Common Language Runtime</p> <ul style="list-style-type: none"> Addresses an issue where a background GC could pause the runtime for a long period of time if a large managed heap is filled with long lived objects with a deep chain of references. Addresses an issue where crashes could occur if security stackwalks were generated during ThreadAbortException handling. 		
2021-06 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 KB5003209.	KB5003671	N/A
2021-06 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, and Windows Storage and Filesystems.</p>	KB5003681	N/A
2021-06 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	This update is included in the Security and Quality Rollup that's dated June 8, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.	KB5003781	N/A

BD Product Name: **BD Pyxis® PARx**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches: June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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 5.90)	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	KB890830	N/A
2021-06 Cumulative Update for Windows 10 Version 1607 for x64-based Systems (KB5003638)	This windows updates is to improve Windows OLE (compound documents) security, for verifying usernames and passwords and Updates for storing and managing files.	KB5003638	N/A



BD Product Name: **BD Pyxis™ Pharmogistics™**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches: June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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 - v5.85	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	KB890830	N/A
2021-05 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5003209)	Improvements and fixes This security update includes improvements and fixes that were a part of update KB5001382 (released April 13, 2021) and addresses the following issues: <ul style="list-style-type: none">Security updates to Windows App Platform and Frameworks, Windows Silicon Platform, and	KB5003209	N/A



	Microsoft Scripting Engine.		
2021-04 Update for Windows Server 2012 for x64-based Systems (KB4601275)	<p>Description: 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>Architecture: AMD64 Classification: Update Rollups Supported products: Windows Server 2012 Supported languages: all</p>	KB4601275	N/A
2021-05 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5003220)	<p>Improvements and fixes</p> <p>This security update includes quality improvements. Key changes include:</p> <ul style="list-style-type: none"> • Security updates to Windows App Platform and Frameworks, and Windows Silicon Platform. <p>For more information about the resolved security vulnerabilities, please refer to the new Security Update Guide website.</p>	KB5003220	N/A
2021-05 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5003197)	<p>Improvements and fixes</p> <p>This security update includes quality improvements. Key changes include:</p> <ul style="list-style-type: none"> • Addresses an issue with evaluating the 	KB5003197	N/A

	<p>compatibility status of the Windows ecosystem to help ensure application and device compatibility for all updates to Windows.</p> <ul style="list-style-type: none">• 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.• Security updates to Windows App Platform and Frameworks, the Microsoft Scripting Engine, and the Windows Silicon Platform.		
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BD Product Name: **BD Pyxis™ Anesthesia ES**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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 to smaintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-06 Servicing Stack Update for Windows 10 Version 1809 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.	KB5003711	None
2021-06 Cumulative Update for Windows 10 Version 1809 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.	KB5003646	None
2021-06 Cumulative Update for .NET Framework 3.5,	Install this update to resolve issues in Windows. For a complete listing of the issues	KB5003778	None



4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.		
2021-05 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.	KB5003255	None
2021-06 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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, and Windows Storage and Filesystems.	KB5003694	None
2021-06 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	This update is included in the Security and Quality Rollup that's dated June 8, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.	KB5003779	None
Windows Malicious Software Removal Tool x64 - v5.85	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers that are running	KB890830	None

	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		
2021-06 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This windows updates is to improve Windows OLE (compound documents) security, for verifying usernames and passwords and Updates for storing and managing files.	KB5003638	None
2021-06 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 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.	KB5003542	None

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

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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 to smaintain the correct security posture of the system(s).

Patch Name	Description	Patch ID	Notes
2021-06 Servicing Stack Update for Windows 10 Version 1809 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.	KB5003711	None
2021-06 Cumulative Update for Windows 10 Version 1809 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.	KB5003646	None
2021-06 Cumulative Update for .NET Framework 3.5,	Install this update to resolve issues in Windows. For a complete listing of the issues	KB5003778	None



4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.		
2021-05 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.	KB5003255	None

BD Product Name: **BD Pyxis™ Med Station ES**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 Servicing Stack Update for Windows 10 Version 1809 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.	KB5003711	None
2021-06 Cumulative Update for Windows 10 Version 1809 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.	KB5003646	None
2021-06 Cumulative Update for .NET Framework 3.5,	Install this update to resolve issues in Windows. For a complete listing of the issues	KB5003778	None



4.7.2 and 4.8 for Windows 10 Version 1809 for x64	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.		
2021-05 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.	KB5003255	None
2021-06 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 KB5003209 (released May 11, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.	KB5003671	None
2021-06 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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, and Windows Storage and Filesystems.	KB5003681	None
2021-06 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6,	This update is included in the Security and Quality Rollup that's dated June 8, 2021. Parts of this update were	KB5003781	None

4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2, 4.8 for Windows Server 2012 R2 for x64	previously released in the rollup that's dated October 13, 2020.		
Windows Malicious Software Removal Tool x64 - v5.85	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	KB890830	None
2021-06 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This windows updates is to improve Windows OLE (compound documents) security, for verifying usernames and passwords and Updates for storing and managing files.	KB5003638	None
2021-06 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue with the just-in-time (JIT) behavior of jscript9.dll. Security updates to the Microsoft Scripting Engine, Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows HTML Platform, and Windows Storage and Filesystems. Updates to improve Windows OLE (compound documents) security. Updates for verifying usernames and passwords. Updates for storing and managing files.	KB5003638	None

2021-06 Cumulative Update for .NET Framework 4.8 for Windows 10 Version 1607 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.	KB5003542	None
2021-06 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	This update is included in the Security and Quality Rollup that's dated June 8, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.	KB5003779	None
2021-06 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 KB5003233 (released May 11, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.	KB5003667	None

BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 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	This update is included in the Security and Quality Rollup that's dated June 8, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.	KB5003781	None
2021-06 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 KB5003209 (released May 11, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.	KB5003671	None
2021-06 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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, and Windows Storage and Filesystems.	KB5003681	None



<p>2021-06 Security and Quality Rollup for .NET Framework 4.6, 4.6.1, 4.6.2, 4.7, 4.7.1, 4.7.2 for Windows Server 2012 R2 for x64</p>	<p>Addresses an issue when rapid typing using an IME can crash via FailFast. Addresses an issue where Thaana characters displayed in left-to-right order. Addresses a crash when WebBrowser receives a completion event for a navigation it tried to cancel. Addresses an issue where a background GC could pause the runtime for a long period of time if a large managed heap is filled with long lived objects with a deep chain of references. Addresses an issue where crashes could occur if security stackwalks were generated during ThreadAbortException handling.</p>	<p>KB5003549</p>	<p>None</p>
<p>2021-06 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>This update is included in the Security and Quality Rollup that's dated June 8, 2021. Parts of this update were previously released in the rollup that's dated October 13, 2020.</p>	<p>KB5003779</p>	<p>None</p>
<p>2021-06 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p>	<p>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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, and Windows Storage and Filesystems.</p>	<p>KB5003694</p>	<p>None</p>

<p>2021-06 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems</p>	<p>This security update includes improvements and fixes that were a part of update KB5003233 (released May 11, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.</p>	<p>KB5003667</p>	<p>None</p>
<p>Security and Quality Rollup for .NET Framework 4.5.2 for Windows 7 SP1 and Windows Server 2008 R2 SP1 and Windows Server 2008 SP2</p>	<p>An information disclosure vulnerability exists when the .NET Framework improperly handles objects in memory. An attacker who successfully exploited the vulnerability could disclose contents of an affected system's memory. To exploit the vulnerability, an authenticated attacker would need to run a specially crafted application. The update addresses the vulnerability by correcting how the .NET Framework handles objects in memory.</p>	<p>KB4578955</p>	<p>None</p>
<p>2021-06 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 the just-in-time (JIT) behavior of jscript9.dll. Security updates to the Microsoft Scripting Engine, Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows HTML Platform, and Windows Storage and Filesystems.</p>	<p>KB5003638</p>	<p>None</p>

	<p>Updates to improve Windows OLE (compound documents) security.</p> <p>Updates for verifying usernames and passwords.</p> <p>Updates for storing and managing files.</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>Addresses an issue when rapid typing using an IME can crash via FailFast.</p> <p>Addresses an issue where Thaana characters displayed in left-to-right order.</p> <p>Addresses a crash when WebBrowser receives a completion event for a navigation it tried to cancel.</p> <p>Addresses an issue where a background GC could pause the runtime for a long period of time if a large managed heap is filled with long lived objects with a deep chain of references.</p> <p>Addresses an issue where crashes could occur if security stackwalks were generated during ThreadAbortException handling.</p>	<p>KB5003258</p>	<p>None</p>
<p>2021-06 Cumulative Update for Windows 10 Version 1809 for x64-based Systems</p>	<p>Addresses an issue with an inconsistent shutdown during Windows Update that damages the Windows Management Instrumentation (WMI) repository. As a result, the Managed Object Format (MOF) Advance Installer fails.</p> <p>Security updates to the Microsoft Scripting Engine, Windows App Platform and Frameworks, Windows Input and Composition, Windows Management, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows Kernel, Windows HTML</p>	<p>KB5003646</p>	<p>None</p>

	<p>Platform, and Windows Storage and Filesystem.</p> <p>Updates to improve security when Windows performs basic operations.</p> <p>Updates to improve Windows OLE (compound documents) security.</p> <p>Updates for verifying usernames and passwords.</p> <p>Updates for storing and managing files.</p> <p>Updates to improve security when using input devices such as a mouse, keyboard, or pen.</p>		
2021-06 Servicing Stack Update for Windows 10 Version 1809 for x64-based Systems	<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>Additionally, this update addresses an issue in which an inconsistent shutdown during Windows Update corrupts the Windows Management Instrumentation (WMI) repository and causes Microsoft Operations Framework (MOF) Advance Installer failure.</p>	KB5003711	None
2021-06 Cumulative Update for .NET Framework 3.5, 4.7.2 and 4.8 for Windows 10 Version 1809	<p>This update is included in the Cumulative Update that's dated June 8, 2021. Parts of this update were previously released in the Cumulative Update that's dated May 20, 2021.</p>	KB5003778	None
2021-06 Cumulative Update for Windows 10 Version 2004 for x64-based Systems	<p>This security update includes quality improvements. Key changes include:</p> <p>Security updates to the Microsoft Scripting Engine,</p>	KB5003637	None

	<p>Windows App Platform and Frameworks, Windows Input and Composition, Windows Management, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows Kernel, Windows HTML Platform, and Windows Storage and Filesystems.</p> <p>Updates to improve security when using input devices such as a mouse, keyboard, or pen.</p> <p>Updates to improve Windows OLE (compound documents) security.</p> <p>Updates for verifying usernames and passwords.</p> <p>Updates to improve security when Windows performs basic operations.</p> <p>Updates for storing and managing files.</p>		
<p>Cumulative Update for .NET Framework 3.5 and 4.8 for Windows 10, version 2004, Windows Server, version 2004, Windows 10, version 20H2, Windows Server, version 20H2 and Windows 10 Version 21H1</p>	<p>The June 8, 2021 update for Windows 10, version 2004, Windows Server, version 2004, Windows 10, version 20H2, Windows Server, version 20H2, and Windows 10 Version 21H1 includes cumulative reliability improvements in .NET Framework 3.5 and 4.8</p>	<p>KB5003254</p>	<p>None</p>
<p>Security intelligence updates for Microsoft Defender Antivirus and other Microsoft antimalware</p>	<p>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-</p>	<p>KB2267602</p>	<p>None</p>

	enhanced, next-generation protection.		
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.	KB890830	None

BD Product Name: **BD Pyxis™ Anesthesia Station 4000**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue with the just-in-time (JIT) behavior of jscript9.dll. Security updates to the Microsoft Scripting Engine, Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows HTML Platform, and Windows Storage and Filesystems.	KB5003638	N/A
Windows Malicious Software Removal Tool x64 - v5.90	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A



<p>2021-06 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p>	<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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, and Windows Storage and Filesystems.</p>	<p>KB5003694</p>	<p>N/A</p>
<p>2021-06 Security Monthly Quality Rollup for Windows Embedded Standard 7 for x86-based Systems</p>	<p>This security update includes improvements and fixes that were a part of update KB5003233 (released May 11, 2021) and addresses the following issues:</p> <p>Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.</p>	<p>KB5003667</p>	<p>N/A</p>

BD Product Name: **BD Pyxis™ Anesthesia System 3500**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 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 KB5003233 (released May 11, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.	KB5003667	N/A
2021-06 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).	KB5003694	N/A



	Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, and Windows Storage and Filesystems.		
2021-06 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.	KB5003779	N/A

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

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 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 KB5003233 (released May 11, 2021) and addresses the following issues: Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.	KB5003667	N/A
Windows Malicious Software Removal Tool - v5.90	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A



<p>2021-06 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems</p>	<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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, and Windows Storage and Filesystems.</p>	<p>KB5003694</p>	<p>N/A</p>
<p>2021-06 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>KB5003779</p>	<p>N/A</p>

BD Product Name: **BD Pyxis™ MedStation™ 4000**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue with the just-in-time (JIT) behavior of jscript9.dll. Security updates to the Microsoft Scripting Engine, Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows HTML Platform, and Windows Storage and Filesystems.	KB5003638	N/A
Windows Malicious Software Removal Tool x64 - v5.90	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2021-06 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue with the just-in-time (JIT) behavior of jscript9.dll.	KB5003638	N/A



	Security updates to the Microsoft Scripting Engine, Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Virtualization, Windows HTML Platform, and Windows Storage and Filesystems.		
Windows Malicious Software Removal Tool - v5.90	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2021-06 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, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows Remote Desktop, and Windows Storage and Filesystems.</p>	KB5003694	N/A
2021-06 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 KB5003233 (released May 11, 2021) and addresses the following issues:</p> <p>Security updates to Windows App Platform and Frameworks, Windows Cloud Infrastructure, Windows Authentication, Windows Fundamentals, Windows</p>	KB5003667	N/A

	Remote Desktop, Windows Storage and Filesystems, Windows HTML Platform, and Microsoft Scripting Engine.		
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BD Product Name: **BD Pyxis™ IV Prep**

Date of Critical or Security Patches: June 2021

Abstract: Critical or Security Patches – June 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for June 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
2021-06 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	KB5003781	None
Windows Malicious Software Removal Tool x64 - v5.90	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	KB890830	None
2021-06 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.	KB5003671	None



2021-06 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. For a complete listing of the issues that are included in this update	KB5003681	None
2021-06 Cumulative 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	KB5003638	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	KB4589210	None