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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files. Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4593226	None

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592471	None
2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB4592510	None

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 Servicing Stack Update for Windows Server 2008 R2 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.	KB4592510	None
2020-12 Security Only Quality Update 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.	KB4592503	None

2020-12 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. 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.	KB4592471	None
Security Update for Microsoft Excel 2013 32-Bit Edition	A security vulnerability exists in Microsoft Excel 2013 32-Bit Edition that could allow arbitrary code to run when a maliciously modified file is opened. This update resolves that vulnerability.	KB4493139	None

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592471	None
2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB4592510	None

2020-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592503	N/A

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592471	None
2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB4592510	None

2020-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592503	None
2020-12 Security Only Quality Update for Windows Server 2008 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics and Windows Peripherals.	KB4592504	None
2020-12 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems	This security update includes improvements and fixes that were a part of update KB4586807 (released November 10, 2020) and addresses the following issues: Addresses an issue in which PDF24 Creator version 9.1.1 cannot open .txt files. Security updates to Windows Graphics and Windows Peripherals.	KB4592498	None

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files. Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4593226	None
2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB4592510	None

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2020-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592503	None
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592471	None
2020-12 Security Only Quality Update for Windows Server 2008 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics and Windows Peripherals.	KB4592504	None
2020-12 Security Monthly Quality Rollup for Windows Server 2008 for x86-based Systems	This security update includes improvements and fixes that were a part of update KB4586807 (released November 10, 2020) and addresses the following issues: Addresses an issue in which PDF24 Creator version 9.1.1 cannot open .txt files. Security updates to Windows Graphics and Windows Peripherals.	KB4592498	None

2020-12 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files. Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4593226	None

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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	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

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

Date of Critical or Security Patches - December 2020
Abstract: Critical or Security Patches - December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592471	
2020-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files. Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4593226	

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2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB4592510	
2020-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592503	
2020-12 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Microsoft Edge Legacy, the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4592440	

BD Product Name: **BD Pyxis™ CII Safe ES**

Date of Critical or Security Patches - December 2020
Abstract: Critical or Security Patches - December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files. Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4593226	N/A
2020-12 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Microsoft Edge Legacy, the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4592440	N/A

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for January 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
2020-12 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. For a complete listing of the issues that are included in this update	KB4592484	None
2020-12 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, see the associated Microsoft Knowledge Base article.	KB4592495	None
2020-12 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	KB4593226	None

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

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586845 (released November 10, 2020) and addresses the following issues: • Addresses an issue in which PDF24 Creator version 9.1.1 cannot open .txt files. • Security updates to Windows Graphics, Windows Peripherals, and Windows Core Networking.	KB4592484	None
2020-12 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 Graphics, Windows Peripherals, and Windows Core Networking.	KB4592495	None

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BD Product Name: **BD Pyxis™ Supply**

Date of Critical or Security Patches: December 2020
Abstract: Critical or Security Patches – December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586845 (released November 10, 2020) and addresses the following issues: Addresses an issue in which PDF24 Creator version 9.1.1 cannot open .txt files. Security updates to Windows Graphics, Windows Peripherals, and Windows Core Networking.	KB4592484	None
2020-12 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 Graphics, Windows Peripherals, and Windows Core Networking.	KB4592495	None
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues:	KB4592471	None

	Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.		
2020-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering	KB4592503	None
2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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. Applies to Windows 7 for 32-bit Systems Service Pack 1 Windows 7 for x64-based Systems Service Pack 1 Windows Server 2008 R2 for x64-based Systems Service Pack 1 Windows Server 2008 R2 for x64-based Systems Service Pack 1 (Server Core installation)	KB4592510	None
2020-12 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files.	KB4593226	None

	Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.		
2020-12 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Microsoft Edge Legacy, the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4592440	None
2020-12 Cumulative Update for Windows 10 Version 2004 for x64-based Systems	This security update includes quality improvements. Key changes include: This build includes all the improvements from Windows 10, version 2004. No additional issues were documented for this release. Security updates to Microsoft Edge Legacy, the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4592438	None
2020-11 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 2004 for x64	This update for Windows 10 Version 2004 includes cumulative reliability improvements in .NET Framework 3.5 and 4.8. We recommend that you apply this update as part of your regular maintenance routines.	KB4586876	None
2020-12 Servicing Stack Update for Windows 10 Version 2004 for x86-based Systems	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	KB4593175	None

	receive and install Microsoft updates. This update applies to the following: Windows 10, version 2004 for 32-bit systems Windows 10, version 2004 for ARM64-based systems Windows 10, version 2004 for x64-based systems Windows 10, version 20H2 for 32-bit systems Windows 10, version 20H2 for ARM64-based systems Windows 10, version 20H2 for x64-based systems Windows Server, version 2004 (Server Core installation)		
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.	KB2267602	None

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

Date of Critical or Security Patches - December 2020
Abstract: Critical or Security Patches - December 2020

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for December 2020. 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
2020-12 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 KB4586827 (released November 10, 2020) and addresses the following issues: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592471	None
2020-12 Cumulative Update for Windows 10 Version 1607 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue that prevents the PDF24 app, version 9.1.1, from opening .txt files. Security updates to the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4593226	None
2020-12 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	KB4592484	None

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	Microsoft. For a complete listing of the issues that are included in this update		
2020-12 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, see the associated Microsoft Knowledge Base article.	KB4592495	None
2020-12 Servicing Stack Update for Windows Embedded Standard 7 for x86-based Systems	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.	KB4592510	None
2020-12 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Windows Graphics, Windows Peripherals, Windows Storage and Filesystems, and Windows File Server and Clustering.	KB4592503	None
2020-12 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	This security update includes quality improvements. Key changes include: Security updates to Microsoft Edge Legacy, the Microsoft Graphics Component, Windows Media, Windows Fundamentals, and Windows Virtualization.	KB4592440	None