BD Product Name: **BD Pyxis® PARx**

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for Nov 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 - v5.95	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
Cumulative Update for .NET Framework 4.8 for Windows 10, version 1607 and Windows Server, version 2016	Addresses a crash that could occur if a program exits while a Management Event Watcher is active	KB5007152	None

| 2021-10 Cumulative Update for windows 10 | Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.

Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records. | KB5007192 | None |

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

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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 - v5.95	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
2021-11 Security Only Quality Update for x64-based Systems	Updates security for your Windows 2012 R2 operating system.	KB5007247	None
2021-11 Security Only Quality Update for x64-based Systems	Updates security for your Windows 2012 R2 operating system.	KB5007255	None
2021-11 Cumulative Update for .NET Framework 4.8 for Windows Server x64-based Systems	Updates security for your Windows operating system.	KB5007152	None

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2021-11 Cumulative Update for Windows Server x64-based Systems	Updates security for your Windows operating system.	KB5007192	None

BD Product Name: **BD Pyxis™ Supply**

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for Nov 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
2021-11 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 KB5006714 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on	KB5007247	None

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	displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.	KB5007255	None
Security Update for Windows Embedded Standard 7	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	KB3010788	None

	Knowledge Base article. After you install this update, you may have to restart your system.		
2021-11 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records.	KB5007192	None
2021-11 Cumulative Update for Windows 10 Version 1809 for x86-based Systems	This security update includes quality improvements. Key changes include: Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. Addresses a known issue that might prevent the successful installation of printers using the Internet Printing Protocol (IPP).	KB5007206	None
Windows Malicious Software Removal Tool x64 - v5.95	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 Server 2008 R2 Windows 7 Windows Server 2008 Microsoft releases the MSRT on a monthly cadence as part of Windows Update or as a standalone tool. Use this tool to find and remove specific prevalent threats and reverse the changes they have made.		

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

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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
2021-11 Cumulative Update for Windows 10 Version 1607 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.	KB 5007192	N/A
Windows Malicious Software Removal Tool x64 - v5.94	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. If you want to manually run the	KB 890830	N/A

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	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.		

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

Date of Critical or Security Patches - November 2021
Abstract: Critical or Security Patches - November 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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 - v5.95	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2021-11 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records.	KB5007192	N/A

2021-11 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 KB5006743 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.	KB5007236	N/A
2021-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results	KB5007233	N/A

	when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		

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

Date of Critical or Security Patches - November 2021
Abstract: Critical or Security Patches - November 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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
2021-11 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 KB5006743 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with	KB5007236	N/A

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	apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.	KB5007233	N/A

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

Date of Critical or Security Patches - November 2021
Abstract: Critical or Security Patches - November 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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 - v5.95	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2021-11 Security Only Quality Update for Windows Server 2008 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or	KB5007246	N/A

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	resolution, or if the app is using scaling.		
2021-11 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 KB5006736 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.	KB5007263	N/A
2021-11 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 KB5006743 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections.	KB5007236	N/A

	Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.	KB5007233	N/A

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

Date of Critical or Security Patches - November 2021
Abstract: Critical or Security Patches – November 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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 - v5.95	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2021-11 Cumulative Update for Windows Server 2016 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records. If you installed earlier updates, only the new fixes contained in this package will be downloaded and installed on your device.	KB5007192	N/A

2021-11 Cumulative Update for Windows 10 Version 1607 for x64-based Systems.	This security update includes quality improvements. Key changes include: Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records.	KB5007192	N/A
Windows Malicious Software Removal Tool - v5.95	The Windows Malicious Software Removal Tool (MSRT) helps remove malicious software from computers.	KB890830	N/A
2021-11 Security Only Quality Update for Windows Server 2008 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen	KB5007246	N/A

	object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 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 KB5006736 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.	KB5007263	N/A
2021-11 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 KB5006743 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have	KB5007236	N/A

	observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots	KB5007233	N/A

	per inch (DPI) or resolution, or if the app is using scaling.		

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

Date of Critical or Security Patches: November 2021

Abstract: Critical or Security Patches – November 2021

Microsoft® & Third-Party Patches

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

Patch Name	Description	Patch ID	Notes
2021-11 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	A security issue has been iden tified 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.	KB5007206	None
2021-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers	KB5007233	N/A

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	using a print server that uses HTTP connections Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 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 KB5006743 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when	KB5007236	N/A

	rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 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	KB4586805	N/A
2021-11 Cumulative Update for Windows 10 Version 1607 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.	KB 5007192	N/A

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

Date of Critical or Security Patches: November 2021

Abstract: Critical or Security Patches – November 2021

Microsoft® & Third-Party Patches

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

Patch Name	Description	Patch ID	Notes
2021-11 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	A security issue has been iden tified 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.	KB5007206	None

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

Date of Critical or Security Patches: November 2021

Abstract: Critical or Security Patches – November 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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
2021-11 Cumulative Update for Windows 10 Version 1809 for x64-based Systems	A security issue has been iden tified 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.	KB5007206	N/A
2021-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5007255)	Improvements and fixes This security update includes quality improvements. Key changes include: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the	KB5007255	N/A

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	devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client.		
2021-11 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 KB5006714 (released October 12, 2021) and addresses the following issues: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections • Addresses a known issue that prevents an Internet print server from properly	KB5007247	N/A

	packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
Windows Malicious Software Removal Tool x64 - v5.95	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
2021-11 Security Only Quality Update for Windows Embedded Standard 7 for x86-based Systems.	This security update includes quality improvements. Key changes include: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections	KB5007233	N/A

	Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 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 KB5006743 (released October 12, 2021) and addresses the following issues: Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when	KB5007236	N/A

	drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 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	KB4586805	N/A
2021-11 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: • Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records.	KB5007192	N/A

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

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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	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 OS: Windows Server 2016, Windows Server 2008, Windows Server 2012	KB890830	N/A
2021-11 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 KB5006714	KB5007247	N/A
2021-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: • Addresses a known issue that might prevent devices from downloading	KB5007255	N/A

	and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. • Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 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 KB5006714 (released October 12, 2021) and addresses the following issues: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have	KB5007247	N/A

	observed this issue on devices that access printers using a print server that uses HTTP connections • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client. • Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems	This security update includes quality improvements. Key changes include: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. • Addresses a known issue that prevents an Internet	KB5007255	NA

	print server from properly packaging modified printer properties before sending the package to the client. • Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling.		
2021-11 Cumulative Update for Windows Server 2016 for x64-based Systems	This security update includes quality improvements. Key changes include: • Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. • Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records.	KB5007192	N/A

BD Product Name: **BD Pyxis™ Pharmogistics™**
Date of Critical or Security Patches: November 2021
Abstract: Critical or Security Patches – November 2021

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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
2021-11 Security Only Quality Update for Windows Server 2008 R2 for x64-based Systems (KB5007233)	Improvements and fixes This security update includes quality improvements. Key changes include: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network	KB5007233	N/A

	printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client.		
2021-11 Security Monthly Quality Rollup for Windows Server 2008 R2 for x64-based Systems (KB5007236)	**Improvements and fixes** This security update includes improvements and fixes that were a part of update KB5006743 (released October 12, 2021) and addresses the following issues: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties	KB5007236	N/A

	before sending the package to the client.		
2021-11 Security Only Quality Update for Windows Server 2012 R2 for x64-based Systems (KB5007255)	**Improvements and fixes** This security update includes quality improvements. Key changes include: • Addresses a known issue that might prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections. • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client.	KB5007255	N/A
021-11 Security Monthly Quality Rollup for Windows Server 2012 R2 for x64-based Systems (KB5007247)	**Improvements and fixes** This security update includes improvements and fixes that were a part of update KB5006714 (released October 12, 2021) and addresses the following issues: • Addresses a known issue that might	KB5007247	N/A

	prevent devices from downloading and installing printer drivers when the devices attempt to connect to a network printer for the first time. We have observed this issue on devices that access printers using a print server that uses HTTP connections • Addresses a known issue that prevents an Internet print server from properly packaging modified printer properties before sending the package to the client.		
021-11 Dynamic Cumulative Update for Windows 10 Version 20H2 for x64-based Systems (KB5007186)	This update makes quality improvements to the servicing stack, which is the component that installs Windows updates. Servicing stack updates (SSU) ensure that you have a robust and reliable servicing stack so that your devices can receive and install Microsoft updates.	KB5007186	N/A
2021-10 Cumulative Update Preview for .NET Framework 3.5 and 4.8 for Windows 10 Version 20H2 for x64 (KB5006365)	Quality and reliability improvements Addresses a crash that could occur if a program exits while a ManagementEventWatcher is active.	KB5006365	N/A
2021-11 Cumulative Update for Windows Server 2016 for x64-based Systems (KB5007192)	mprovements and fixes This security update includes quality improvements. Key changes include:	KB5007192	N/A

	• Addresses an issue in which certain apps might have unexpected results when rendering some user interface elements or when drawing within the app. You might encounter this issue with apps that use GDI+ and set a zero (0) width pen object on displays with high dots per inch (DPI) or resolution, or if the app is using scaling. • Addresses an issue that prevents Failover Clustering from updating Domain Name Server (DNS) records.		

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

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

Microsoft® & Third-Party Patches

BD has identified patches from Microsoft that have been identified as critical or security related for November 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
2021-11 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, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5007192	None
Windows Malicious Software Removal Tool x64 - v5.95	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

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2021-10 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, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer.	KB5006763	None
2021-11 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, see the associated Microsoft Knowledge Base article. After you install this update, you may have to restart your system.	KB5007247	None
2021-11 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. After you install this update, you may have to restart your system.	KB5007255	None
2021-11 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, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your	KB5007301	None

	computer may have to restart your system.		
2021-10 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, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer may have to restart your system.	KB5006067	
2021-11 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, see the associated Microsoft Knowledge Base article for more information. After you install this item, you may have to restart your computer may have to restart your system.	KB5007154	