



Intellex Platform Security Update Process

Microsoft Security Updates

Version 11-08

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This document details the processes involved when updating your Intellex unit with the latest high-priority security updates from Microsoft.

It is critical that these security updates are installed as they will maintain the security of your Intellex unit.

Depending on your Intellex unit there are different methods for installation of the Microsoft security updates. Please select your Intellex unit from the list below and refer to the appropriate procedure.

- Intellex Ultra running software version 4.0 go to page 4
- Intellex Ultra running software version 4.1 go to page 7
- Intellex DVMS, LT running Microsoft XP go to page 9
- Intellex IP go to page 11
- Intellex Ultra running software version 4.17or 4.2 go to page 12

Installing updates on an Intellex Ultra running software version 4.0

Follow the procedure below if you have an Intellex Ultra running software version 4.0. This procedure will allow you to install the updates and update your Intellex software to version 4.1.

Procedure 1 – Updating an Intellex Ultra running software version 4.0

1. Turn on your Intellex unit.
2. Exit the Intellex program by selecting Utility > Exit > when prompted “Do you wish to quit the program? Select **Yes**.
3. At the password screen enter the pin code and select **OK** to exit the Intellex application.

NOTE: Contact Technical Support for your pin code.

4. In the Windows desktop double click the My Computer icon. The My Computer window will appear.
5. Right-click the C: drive and select properties to view the space remaining on the flash drive.

NOTE: The Intellex Ultra units are equipped with a 1GB flash drive that can limit the amount of free space available to the user when installing software updates. You might be required to remove unnecessary programs from the flash drive before commencing the installation.

To install the security updates we recommend that you have at least 350MB of space remaining.

- If you have less than 350MB of space remaining proceed to step 6.
 - If you have 350MB or more of space remaining proceed to step 7.
6. It will be necessary to remove any additional software that has been installed on the C: drive, this can be done by using **one** of the following methods:
 - Restore the C: drive to its original state by using the Intellex Recovery Disk.
 - Uninstall any unnecessary software on the C: drive by using Add or Remove Programs from the Windows Control Panel.

- Purchase and install the 2GB Flash Drive, part number 2025-0554-01. Contact your American Dynamics Service Representative to purchase this kit.

7. Connect your Intellex to an active internet connection.

NOTE: If you cannot connect your Intellex unit to an active internet connection it is also possible to download the Windows updates using a PC with an active internet connection and removable storage media. The removable media can then be used to install the updates on the Intellex unit. American Dynamics have not yet qualified this method for installation.

8. Select Start > All Programs > Windows Update. The Microsoft Windows Update website will open.

9. Select Custom, this will allow you to select specific updates to install.

NOTE: Windows may install two updates prior to installing the security updates. Follow any prompts that may appear until the updates are finished.

10. Refer to list of Microsoft High-Priority Updates on page 12-13 for the list of security updates that need to be installed.

Due to space restrictions on the C: drive it may not be possible to install all of the updates at once. We recommend that you download and install the first 14 from the list on page 14-15 before proceeding to the others.

Follow all of the instructions provided by the update procedure; it may be necessary to restart the Intellex during the process.

11. If you have to restart your Intellex unit, repeat steps 8–10 until all of the high-priority updates on page 14-17 have been installed.

12. When the final update has been installed and the Intellex has restarted navigate to C:\Windows and delete all the folders that start with \$.

NOTE: These folders are removed from the C: drive as they are no longer required by the Windows application. If at a later stage you need to reinstall the DLL you can download the appropriate update from the Microsoft Windows Update website.

If you are using Intellex 4.0 and would like to upgrade to Intellex 4.1 proceed to step 13 and then to step 14 for 4.17.

13. To install the Intellex software version 4.1 upgrade visit http://www.americandynamics.net/support/downloads_20070427_IntellexUltra_41.aspx and follow the instructions provided.

14. To install the Intellex software version 4.17 upgrade visit http://www.americandynamics.net/support/downloads_20080229_Intellex_v417_Upgrade.aspx and follow the instructions provided.

Installing updates on an Intellex Ultra running software version 4.1

Follow the procedure below if you have an Intellex Ultra running software version 4.1.

Procedure 2 – Updating an Intellex Ultra running software version 4.1

1. Turn on your Intellex unit.
2. Exit the Intellex program by selecting Utility > Exit > when prompted “Do you wish to quit the program? Select **Yes**.
3. At the password screen enter the pin code and select **OK** to exit the Intellex application.

NOTE: Contact Technical Support for your pin code.

4. In the Windows desktop double click the My Computer icon. The My Computer window will appear.
5. Right-click the C: drive and select properties to view the space remaining on the flash drive.

NOTE: If your Intellex Ultra shipped with version 4.10 installed, then the flash drive size will be 2GB and you can proceed to step 7. If your Ultra shipped with 4.0 and an upgrade has been performed to 4.1, then the flash drive size will be 1GB and there may not be enough space for the updates. You might be required to remove unnecessary programs from the flash drive before commencing the installation.

To install the security updates we recommend that you have at least 350MB of space remaining.

- If you have less than 350MB of space remaining proceed to step 6.
 - If you have 350MB or more of space remaining proceed to step 7.
6. It will be necessary to remove any additional software that has been installed on the C: drive, this can be done by using **one** of the following methods:
 - Restore the C: drive to its original state by using the Intellex Recovery Disk.
 - Uninstall any unnecessary software on the C: drive by using Add or Remove Programs from the Windows Control Panel.
 - Purchase and install the 2GB Flash Drive, part number 2025-0554-01. Contact your American Dynamics Service Representative to purchase this kit.

7. Connect your Intellex to an active internet connection.

NOTE: If you cannot connect your Intellex unit to an active internet connection it is also possible to download the Windows updates using a PC with an active internet connection and removable storage media. The removable media can then be used to install the updates on the Intellex unit. American Dynamics have not yet qualified this method for installation.

8. Select Start > All Programs > Windows Update. The Microsoft Windows Update website will open.
9. Select Custom, this will allow you to select specific updates to install.

NOTE: Windows may install two updates prior to installing the security updates. Follow any prompts that may appear until the updates are finished.

10. Refer to list of Microsoft High-Priority Updates on page 14-17 for the list of security updates that need to be installed.

Due to space restrictions on the C: drive it may not be possible to install all of the updates at once. We recommend that you download and install the first 14 from the list on page 14-15 before proceeding to the others.

Follow all of the instructions provided by the update procedure; it may be necessary to restart the Intellex during the process.

11. If you have to restart your Intellex unit, repeat steps 8-10 until all of the high-priority updates on page 14-17 have been installed.
12. When the final update has been installed and the Intellex has restarted navigate to C:\Windows and delete all the folders that start with \$.

NOTE: These folders are removed from the C: drive as they are no longer required by the Windows application. If at a later stage you need to reinstall the DLL you can download the appropriate update from the Microsoft Windows Update website.

13. Start your Intellex application if necessary.

If you are using Intellex 4.1 and would like to upgrade to Intellex 4.17 proceed to step 14.

14. To install the Intellex software version 4.17 upgrade visit http://www.americandynamics.net/support/downloads_20080229_Intellex_v417_Upgrade.aspx and follow the instructions provided.

If you are using Intellex 4.1 and would like to upgrade to Intellex 4.2 proceed to step 15.

15. To install the Intellex software version 4.2 upgrade visit http://www.americandynamics.net/support/downloads_20080630_Intellex_v42_Upgrade.aspx and follow the instructions provided.

Installing updates on a Intellex DVMS or Intellex LT running Microsoft Windows XP

Follow the procedure below if you have an Intellex DVMS or LT running Microsoft Windows XP. Customers who have Intellex 4.0, 4.1, 4.17 or 4.2 can use this procedure.

Procedure 3 – Updating an Intellex DVMS or Intellex LT running Microsoft Windows XP

1. Turn on your Intellex unit.
2. Exit the Intellex program by selecting Utility > Exit > when prompted “Do you wish to quit the program? Select **Yes**.
3. At the password screen enter the pin code and select **OK** to exit the Intellex application.

NOTE: Contact Technical Support for your pin code.

4. Select Start > All Programs > Windows Update. The Microsoft Windows Update website will open.
5. Select Custom, this will allow you to select specific updates to install.

NOTE: Windows may install two updates prior to installing the security updates. Follow any prompts that may appear until the updates are finished.

6. Refer to list of Microsoft High-Priority Updates on pages 14-17 for the details of security updates that need to be installed.

Follow all of the instructions provided by the update procedure; it may be necessary to restart the Intellex during the process.

7. If you have to restart your Intellex unit, repeat steps 4–6 until all of the high-priority updates on page 14-17 have been installed.
8. When the final update has been installed and the Intellex has restarted navigate to C:\Windows and delete all the folders that start with \$.

NOTE: These folders are removed from the C: drive as they are no longer required by the Windows application. If at a later stage you need to reinstall the DLL you can download the appropriate update from the Microsoft Windows Update website.

9. Start your Intellex application as necessary.

If you are using Intellex 4.0 and would like to upgrade to Intellex 4.1 proceed to step 10 and then to step 11 for 4.17 or step 12 for 4.2.

10. To install the Intellex software version 4.1 upgrade visit http://www.americandynamics.net/support/downloads_20070427_IntellexUltra_41.aspx and follow the instructions provided.
11. To install the Intellex software version 4.17 upgrade visit http://www.americandynamics.net/support/downloads_20080229_Intellex_v41_7_Upgrade.aspx and follow the instructions provided.
12. To install the Intellex software version 4.2 upgrade visit http://www.americandynamics.net/support/downloads_20080630_Intellex_v42_Upgrade.aspx and follow the instructions provided.

Installing updates on an Intellex IP

Follow the procedure below if you have an Intellex IP running software version 4.0, 4.1, 4.17 or 4.2.

Procedure 4 – Updating an Intellex IP

1. Turn on your Intellex unit.
2. Exit the Intellex program by selecting Utility > Exit > when prompted “Do you wish to quit the program? Select **Yes**.
3. At the password screen enter the pin code and select **OK** to exit the Intellex application.

NOTE: Contact Technical Support for your pin code.

4. Select Start > All Programs > Windows Update. The Microsoft Windows Update website will open.
5. Select Custom, this will allow you to select specific updates to install.

NOTE: Windows may install two updates prior to installing the security updates. Follow any prompts that may appear until the updates are finished.

6. Refer to list of Microsoft High-Priority Updates on pages 14-17 for the details of security updates that need to be installed.

Follow all of the instructions provided by the update procedure; it may be necessary to restart the Intellex during the process.

7. If you have to restart your Intellex unit, repeat steps 4-6 until all of the high-priority updates on pages 14-17 have been installed.
8. When the final update has been installed and the Intellex has restarted navigate to C:\Windows and delete all the folders that start with \$.

NOTE: These folders are removed from the C: drive as they are no longer required by the Windows application. If at a later stage you need to reinstall the DLL you can download the appropriate update from the Microsoft Windows Update website.

9. Start your Intellex application as necessary.

If you are using Intellex 4.0 and would like to upgrade to Intellex 4.1 proceed to step 10 and then to step 11 if you would like to upgrade to 4.17 or step 12 for 4.2.

10. To install the Intellex software version 4.1 upgrade visit http://www.americandynamics.net/support/downloads_20070427_Intellex_DV_MS_LT_IP_41.aspx and follow the instructions provided.
11. To install the Intellex software version 4.17 upgrade visit http://www.americandynamics.net/support/downloads_20080229_Intellex_v41_7_Upgrade.aspx and follow the instructions provided.
12. To install the Intellex software version 4.2 upgrade visit http://www.americandynamics.net/support/downloads_20080630_Intellex_v42_Upgrade.aspx and follow the instructions provided.

Installing updates on an Intellex Ultra running software version 4.17 or 4.2

Follow the procedure below if you have an Intellex Ultra running software version 4.17 or 4.2.

Procedure 5 – Updating an Intellex Ultra running software version 4.17 or 4.2

1. Turn on your Intellex unit.
2. Exit the Intellex program by selecting Utility > Exit > when prompted, “Do you wish to quit the program? Select **Yes**.
3. At the password screen enter the pin code and select **OK** to exit the Intellex application.

NOTE: Contact Technical Support for your pin code.

4. In the Windows desktop, double click the My Computer icon. The My Computer window will appear.
5. Right-click the C: drive and select properties to view the space remaining on the flash drive.

NOTE: If your Intellex Ultra shipped with version 4.10, 4.17 or 4.2 pre-installed, then the flash drive size will be 2GB and you can proceed to step 7. If your Ultra shipped with 4.0 and an upgrade has been performed to 4.1, 4.17 or 4.2, then the flash drive size will be 1GB and there may not be enough space for the updates. You might be required to remove unnecessary programs from the flash drive before commencing the installation.

To install the security updates we recommend that you have at least 350MB of space remaining.

- If you have less than 350MB of space remaining proceed to step 6.
 - If you have 350MB or more of space remaining proceed to step 7.
6. It will be necessary to remove any additional software that has been installed on the C: drive, this can be done by using **one** of the following methods:
 - Restore the C: drive to its original state by using the Intellex Recovery Disk.
 - Uninstall any unnecessary software on the C: drive by using Add or Remove Programs from the Windows Control Panel.

- Purchase and install the 2GB Flash Drive, part number 2025-0554-01. Contact your American Dynamics Service Representative to purchase this kit.

7. Connect your Intellex to an active internet connection.

NOTE: If you cannot connect your Intellex unit to an active internet connection, it is also possible to download the Windows updates using a PC with an active internet connection and removable storage media. The removable media can then be used to install the updates on the Intellex unit. American Dynamics have not yet qualified this method for installation.

8. Select Start > All Programs > Windows Update. The Microsoft Windows Update website will open.

9. Select Custom, this will allow you to select specific updates to install.

NOTE: Windows may install two updates prior to installing the security updates. Follow any prompts that may appear until the updates are finished.

10. Refer to list of Microsoft High-Priority Updates on pages 14-17 for the list of security updates that need to be installed.

Due to space restrictions on the C: drive it may not be possible to install all of the updates at once. We recommend that you download and install the first 14 from the list on pages 14-15 before proceeding to the others.

Follow all of the instructions provided by the update procedure; it may be necessary to restart the Intellex during the process.

11. If you have to restart your Intellex unit, repeat steps 8-10 until all of the high-priority updates on page 14-17 have been installed.

12. When the final update has been installed and the Intellex has restarted navigate to C:\Windows and delete all the folders that start with \$.

NOTE: These folders are removed from the C: drive, as they are no longer required by the Windows application. If, at a later stage you need to reinstall the DLL you can download the appropriate update from the Microsoft Windows Update website.

13. Start your Intellex application if necessary.

Microsoft High-Priority Updates

The following are the list of high-priority updates we strongly recommend you install on your Intellex unit.

These are the high-priority updates required as of June 2008.

NOTE: If any of the updates listed below do not display on the Microsoft Windows Update website they have most likely been installed on your machine. Simply select those that are available.

List of High-Priority Updates for the Intellex Unit

1. Security Update for Windows XP (KB925902)
Typical download size: 455 KB, 1 minute
2. Security Update for Windows XP (KB896423)
Typical download size: 494 KB, 1 minute
3. Security Update for Windows XP (KB920213)
Typical download size: 248 KB, 1 minute
4. Cumulative Update for Internet Explorer 6 for Windows XP (KB931768)
Download size: 4.5 MB, 5 minutes
5. MSXML 4.0 SP2 Security Update (KB927978)
Download size: 5.4 MB, 6 minutes
6. Security Update for Windows XP (KB930178)
Typical download size: 192 KB, 1 minute
7. Security Update for Windows XP (KB931261)
Typical download size: 109 KB, less than 1 minute
8. Security Update for Windows XP (KB932168)
Typical download size: 135 KB, less than 1 minute
9. Security Update for Windows XP (KB928843)
Typical download size: 157 KB, less than 1 minute
10. Security Update for Windows XP (KB927779)
Typical download size: 285 KB, 1 minute
11. Security Update for Windows XP (KB929969)
Typical download size: 189 KB, less than 1 minute
12. Security Update for Windows XP (KB924270)
Typical download size: 234 KB, 1 minute

- 13.** Security Update for Windows XP (KB923191)
Typical download size: 1.1 MB, 2 minutes
- 14.** Security Update for Windows XP (KB924191)
Typical download size: 842 KB, 2 minutes
- 15.** Security Update for Windows XP (KB917422)
Typical download size: 264 KB, 1 minute
- 16.** Security Update for Windows XP (KB920683)
Typical download size: 196 KB, 1 minute
- 17.** Security Update for Windows XP (KB914388)
Typical download size: 366 KB, 1 minute
- 18.** Security Update for Windows XP (KB911280)
Typical download size: 301 KB, 1 minute
- 19.** Security Update for Windows XP (KB908531)
Typical download size: 789 KB, 2 minutes
- 20.** Security Update for Windows XP (KB911562)
Typical download size: 197 KB, 1 minute
- 21.** Security Update for Windows XP (KB908519)
Typical download size: 182 KB, less than 1 minute
- 22.** Security Update for Windows XP (KB904706)
Typical download size: 151 KB, less than 1 minute
- 23.** Security Update for Windows XP (KB902400)
Typical download size: 1.8 MB, 3 minutes
- 24.** Security Update for Windows XP (KB896358)
Typical download size: 685 KB, 2 minutes
- 25.** Security Update for Windows XP (KB901214)
Typical download size: 470 KB, 1 minute
- 26.** Cumulative Security Update for Internet Explorer 6 for Windows XP (KB933566)
Typical download size: 1.4 MB, 2 minutes
- 27.** Security Update for Windows XP (KB935840)
Typical download size: 119 KB, less than 1 minute
- 28.** Security Update for Windows XP (KB935839)
Typical download size: 190 KB, less than 1 minute

- 29.** Vulnerability in Microsoft XML core services (KB936021)
Typical download size: 904 KB – less than 1 minute
- 30.** Vulnerability in OLE Automation (KB921503)
Typical download size: 739 KB – less than 1 minute
- 31.** Cumulative IE update (KB937143)
Typical download size: 6.9 MB – 8 minutes
- 32.** Vulnerability in GDI could allow remote code execution (KB938829)
Typical download size: 605 KB – less than 1 minute
- 33.** Vulnerability in Vector Mark-up Language could allow remote code execution (KB938127)
Typical download size: 784 KB – less than 1 minute
- 34.** Cumulative Security Update for Internet Explorer (KB939653)
Typical download size: 7.1MB - 4 minutes
- 35.** Vulnerability in Windows URI Handling Could Allow Remote Code Execution (KB943460)
Typical download size: 3.0 MB - 1 minute
- 36.** Security Update for Windows XP x 64 Editions (KB941568)
Typical download size: 5.2 MB - 2 minutes
- 37.** Security Update for Windows XP (KB941569)
Typical download size: 2.1 MB - 2 minutes
- 38.** Security Update for Windows XP (KB937894)
Typical download size: 997 KB - less than 1 minute
- 39.** Vulnerabilities in Windows TCP/IP Could Allow Remote Code Execution (KB941644)
Typical download size: 1.5 MB – 1 minute
- 40.** Security Update for Windows XP (KB946026)
Vulnerability in WebDAV Mini-Redirector Could Allow Remote Code Execution (946026)
Typical download size: 558KB - less than 1 minute
- 41.** Security Update for Windows XP (KB943055)
Vulnerability in OLE Automation Could Allow Remote Code Execution (947890)
Typical download size: 726KB - 1 minute
- 42.** Cumulative Security Update for Internet Explorer (KB944533)
Typical download size: 4.5MB - 3 minutes

- 43. Vulnerabilities in GDI Could Allow Remote Code Execution (KB948590)**
Typical download size: 610KB - less than 1 minute
- 44. Vulnerability in VBScript and JScript Scripting Engines Could Allow Remote Code Execution (KB944338)**
Typical download size: 813KB - less than 1 minute
- 45. Security Update of ActiveX Kill Bits (KB948881)**
Typical download size: 476KB - less than 1 minute
- 46. Cumulative Security Update for Internet Explorer (KB947864)**
Typical download size: 4.0MB - 3 minutes
- 47. Vulnerability in Bluetooth Stack Could Allow Remote Code Execution (KB951376)**
Typical download size: 592KB - 1 minute
- 48. Cumulative Security Update for Internet Explorer (KB950759)**
Typical download size: 8.5MB - 5 minutes
- 49. Vulnerabilities in DirectX Could Allow Remote Code Execution (KB951698)**
Typical download size: 1023KB - 1 minute
- 50. Vulnerability in Microsoft Windows Image Color Management System Could Allow Remote Code Execution (KB952954)**
Typical download size: 521KB - 1 minute
- 51. Cumulative Security Update for Internet Explorer (KB953838)**
Typical download size: 8.5MB - 5 minutes
- 52. Security Update for Windows XP (KB938464)**
Typical download size: 1.3MB – 1 minute
- 53. Cumulative Security Update for Internet Explorer (KB956390)**
Typical download size: 4.5MB – 3 minute
- 54. Security Update for Windows XP (KB955069)**
Typical download size: 906KB – 1 minute