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| ***Invasive Cardiology Security Website******Interventional - Invasive Cardiology*** |
|  |  |  |  |
| **Product Group:**  | Interventional Invasive Products |  |  |
| **Products:**  | Mac-Lab IT/XT/XTi, CardioLab IT/XT/XTi, SpecialsLab and ComboLab IT/XT/XTi Recording Systems |  |  |
| **Versions:** | 6.8.1, 6.8, 6.5.6, 6.5.4, 6.5.3 |  |  |
| **Subject:**  | Security Information |  |  |
| **Date:**  | 5-June-2019 |  |  |

**Summary**

The following information is provided to GE Healthcare Technologies customers in regards to known technical security vulnerabilities associated with Mac-Lab® Hemodynamic, CardioLab® Electrophysiology, SpecialsLab and ComboLab IT Recording Systems for Cath Lab, EP Lab and other interventional labs as well as the Centricity® Cardiology Data Management Systems.

**Security Patch Base Configuration**

The security patch base configuration of the Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi product at release is listed within the MLCL Base Configuration under the Hemodynamic, Electrophysiology and Cardiovascular Information Technologies section of the <http://www3.gehealthcare.com/en/Support/Invasive_Cardiology_Product_Security> website.

**Process**

The following actions are taken whenever Microsoft/OEMs releases new security patches:

* The Invasive Cardiology Engineering Team performs a security analysis process for supported Mac-Lab IT/XT/XTi, CardioLab IT/XT/XTi, GE Client Review and INW Server hardware/software.
* If a vulnerability meets Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi validation criteria, the vulnerability is communicated through the GEHC Product Security Database and Invasive Cardiology Security Website within Three weeks of the patch release.
* Upon validation of the Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi vulnerability, the GEHC Product Security Database and Invasive Cardiology Security Website and affected Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi Security Patch Installation Instructions are updated.

The Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi vulnerability validation criteria are as follows: Any vulnerability that allows malware to alter or deny Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi functionality and/or infect and propagate through normal system use.

Customers are responsible to stay informed with Microsoft vulnerability notifications and to visit the Invasive Cardiology websites to understand the Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi impact. Once a security patch is validated, customers are responsible for the installation of security patches. All Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi Security Patch Installation Instructions are available on the Invasive Cardiology Security Website below the Validated Patches table.

Vulnerabilities exposed after the Mac-Lab IT/XT/XTi and CardioLab IT/XT/XTi product release which do not meet the criteria to be validated are not listed within the GEHC Product Security Database and Invasive Cardiology Security Website. These vulnerabilities are deemed to be non-critical and/or outside normal clinical workflow of the Mac-Lab IT/XT/XTi, CardioLab IT/XT/XTi and Centricity INW systems and will not be validated. Unlisted patches should not be installed on the products in order to eliminate malfunction and breakdown risks.

Contents

[Revision History 4](#_Toc8916861)

[Installation of the Security Patches on MLCL systems 4](#_Toc8916862)

[Requirements 4](#_Toc8916863)

[How to Log On to Acquisition and Review Systems 4](#_Toc8916864)

[How to Log On to the Centricity Cardiology INW Server 5](#_Toc8916865)

[How to Log On to MLCL Software Only Systems 5](#_Toc8916866)

[CVE-2019-0708 | Remote Desktop Services Remote Code Execution Vulnerability 5](#_Toc8916867)

[How to Install Printer Firmware 7](#_Toc8916868)

[Patch Links 8](#_Toc8916869)

[MLCL v6.8.1 9](#_Toc8916870)

[MLCL v6.8.1 Security Updates 1 18](#_Toc8916871)

[MLCL v6.8.1 Security Updates 2 20](#_Toc8916872)

[MLCL v6.8 23](#_Toc8916873)

[MLCL v6.8 Security Updates 1 27](#_Toc8916874)

[MLCL v6.8 Security Updates 2 29](#_Toc8916875)

[MLCL v6.5.6 37](#_Toc8916876)

[MLCL v6.5.6 Security Updates 1 41](#_Toc8916877)

[MLCL v6.5.6 Security Updates 2 43](#_Toc8916878)

[MLCL v6.5.4 51](#_Toc8916879)

[MLCL v6.5.4 Security Updates 55](#_Toc8916880)

[MLCL v6.5.3 66](#_Toc8916881)

[MLCL v6.5.3 Security Updates 70](#_Toc8916882)

[Definition 82](#_Toc8916883)

[Contact Information 83](#_Toc8916884)

# Revision History

|  |  |  |
| --- | --- | --- |
| Revision | Date | Comments |
| 1.0 | 7-July-2017 | Initial Release |
| 2.0 | 10-October-2017 | Includes additional security patches that were qualified for SW versions 6.5.6, 6.8 and 6.8.1 in the document and created new sections labeled ‘…Security Updates 2’ |
| 3.0 | 16-May-2019 | Instructions to Disable Terminal Services per CVE-2019-0708 |
| 4.0 | 5-June-2019 | Added unqualified patches for May 2019 |

# Installation of the Security Patches on MLCL systems

Requirements

* Updates may be applied at any time other than while the Mac-Lab IT/XT/XTi, CardioLab IT/XT/XTi or SpecialsLab application is open.
* Updates must be re-applied if the system is re-imaged.
* Updates apply to both networked and standalone systems.
* Best practice is to update all applicable MLCL systems at the site.
* If any Mac-Lab IT/CardioLab IT system has a DMS, CCW, or Carddas client, use the Mac-Lab IT/XT/XTi, CardioLab IT/XT/XTi or SpecialsLab instructions.

How to Log On to Acquisition and Review Systems

When starting up an Mac-Lab, CardioLab or SpecialsLab Acquisition or Review system, an auto-logon sequence starts and automatically logs on to the operating system. To install a security patch, the user must be logged on as **mlcltechuser**.

**NOTE:** Password information is contained within the Security Guide Manual. Otherwise, contact the system administrator or GE Technical Support for current password information.

1. Power on the Acquisition system.
2. The system boots up to the Custom Shell screen.
3. Press **Ctrl + Action + Del**.
4. Click Logoff. On Windows XP, click Logoff again.
5. Click OK.
6. Immediately hold down the **Shift** key until the login window is displayed.
7. Log on to the operating system locally as **mlcltechuser**.
8. Log on to the Custom Shell locally as **mlcltechuser**.

How to Log On to the Centricity Cardiology INW Server

Password information is contained within the Security Guide Manual. Otherwise, contact the system administrator or GE Technical Support for current password information. Logon to the INW Server as **administrator**.

How to Log On to MLCL Software Only Systems

Since Software Only systems are supported by the customer, the system needs to be logged into with an **administrator** account.

CVE-2019-0708 | Remote Desktop Services Remote Code Execution Vulnerability

We are in the process of qualifying the patch that addresses this vulnerability however, we recommend as a mitigation, that the RDS/Terminal Service is disabled on all ML/CL systems. Refer to the instructions below on disabling the service.

**Disable Terminal Services on Windows XP**

On Windows XP, do the following to disable Terminal Services:

1. Right-click on ***My Computer*** and select ***Properties***
2. On the ***System Properties*** window, select the ***Remote*** tab
3. Uncheck the following option if it is checked:
***Allow Remote Assistance invitations to be sent from this computer***
4. Uncheck the following option if it is checked:
***Allow users to connect remotely to this computer***
5. Click ***OK*** to close the ***System Properties*** window
6. Click ***Start*** > ***Settings*** > ***Control Panel*** > ***Administrative Tools*** > ***Services***
7. Double-click on the entry for **Terminal Services**
8. Set the ***Startup type*** to ***Disabled***
9. Click ***OK*** to close the ***Terminal Services Properties*** window
10. Reboot the system

**Disable Terminal Services on Windows Server 2003 R2**

On Windows Server 2003 R2, do the following to disable Terminal Services:

1. Right-click on ***My Computer*** and select ***Properties***
2. On the ***System Properties*** window, select the ***Remote*** tab
3. Uncheck the following option if it is checked:
***Turn on Remote Assistance and allow invitations to be sent from this computer***
4. Uncheck the following option if it is checked:
***Enable Remote Desktop on this computer***
5. Click ***OK*** to close the ***System Properties*** window
6. Click ***Start*** > ***Settings*** > ***Control Panel*** > ***Administrative Tools*** > ***Services***
7. Double-click on the entry for **Terminal Services**
8. Set the ***Startup type*** to ***Disabled***
9. Click ***OK*** to close the ***Terminal Services Properties*** window
10. Reboot the system

How to Install Printer Firmware

The system which will apply the firmware to the printer should be provided by the customer.

**NOTE:**  Mac-Lab CardioLab system should not be used to download and/or apply the Printer Firmware.

* Follow the download link in the table
* Select the appropriate printer
* Select English and the applicable MLCL operating system
* Select English and under the Firmware category select the applicable Firmware Update Utility and Click Download
* Launch the firmware installer and follow the instructions to complete the firmware update

Patch Links

The patches displayed below are qualified on an independent basis and can be installed on a one-by-one basis, although it is recommended that all qualified patches are installed. There are dependencies within the qualified patch list. In the table below, it is recommended the patches are installed in order from top to bottom to ensure all pre-requisites are met for all patches. On occasion the patch dependencies require system reboots which are identified in the table below.

**NOTE:** Due to site configurations, system patch set, qualified patches which have been installed previously or patch dependencies, some patches could fail to install due to the functionality is already installed. The Microsoft patch installer will alert you to this issue. It this occurs, please continue with the next patch installation.

**Alternate Patch locations:** In early 2016 Microsoft announced that some patches would no longer be available on the Microsoft Download Center <https://blogs.technet.microsoft.com/msrc/2016/04/29/changes-to-security-update-links/> Therefore, some of the links provided below may not work. Microsoft may move/remove these links at any time without notice. However, if the links do not work, there are two alternate methods for downloading patches. The first is the Microsoft Catalog <http://catalog.update.microsoft.com> . Most fixes not on Microsoft Download Center will be available from the Microsoft Catalog. If a fix is not available from the Microsoft Catalog, Microsoft has monthly ISO files of the security updates available at <https://support.microsoft.com/en-us/kb/913086> To use the ISOs, determine the month of the patch, download the applicable ISO and extract the patch. If after exhausting all three methods, you are still unable to obtain a patch, please contact GE Technical Support for further assistance.

**Recommendation:** Use Internet Explorer (IE) for Catalog download. If you are using the cart feature to download patches, to see the cart it requires opening another tab or new window.

MLCL v6.8.1

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP3** | **Windows XP SP3** | **Windows Vista SP2** |
| **Current Unqualified Vulnerability** |  KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4499180 (CVE-2019-0708) |
| **Security Patch** |  |  |  |  |
| **MS12-082** [**KB2770660**](http://support.microsoft.com/kb/2770660) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://www.microsoft.com/en-us/download/details.aspx?id=35867> |
| **MS12-076 KB2687307** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> |
| **MS12-060 KB2687441** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> |
| **MS12-057 KB2596754** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> |
| **MS12-057 KB2596615** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> |
| **MS12-054 KB2712808** | <http://www.microsoft.com/en-us/download/details.aspx?id=30518> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://www.microsoft.com/en-us/download/details.aspx?id=30552> |
| **MS12-054 KB2705219** | <http://www.microsoft.com/en-us/download/details.aspx?id=30482> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://www.microsoft.com/en-us/download/details.aspx?id=30544> |
| **MS12-053 KB2723135** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | N/A |
| **MS12-036 KB2685939** | <http://www.microsoft.com/en-us/download/details.aspx?id=30018> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://www.microsoft.com/en-us/download/details.aspx?id=30020> |
| **MS12-034 KB2596792** | N/A | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) |
| **MS12-034 KB2596672** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> |
| **MS12-030 KB2597969** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> |
| **MS12-030 KB2597161** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> |
| **MS12-027 KB2598041** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> |
| **MS12-020 KB2621440** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29134> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29126> |
| **MS12-017 KB2647170 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29147> | N/A | N/A | N/A |
| **MS12-005 KB2584146** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28611> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28646> |
| **MS12-004 KB2631813** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28687> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28640> |
| **MS12-004 KB2598479** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28621> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28605> |
| **MS11-089 KB2596785** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> |
| **MS11-083 KB2588516** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27893> |
| **MS11-073 KB2584063** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27383> | N/A | N/A |
| **MS11-072 KB2553073** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27331> | N/A | N/A |
| **MS11-065 KB2570222** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27024> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | N/A |
| **MS11-064 KB2563894** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27089> |
| **MS11-058 KB2562485 (Domain Controller only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27062> | N/A | N/A | N/A |
| **MS11-048 KB2536275** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=26335> |
| **MS11-045 KB2541007** | N/A | <http://www.microsoft.com/download/en/details.aspx?id=26475> | N/A | N/A |
| **MS11-036 KB2535818** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?displaylang=en&id=24723> | N/A | N/A |
| **MS11-030 KB2509553** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/en/details.aspx?familyid=2A17E44F-54AA-423D-B3C7-A4F404F7C28B&displaylang=en> |
| **MS11-023 KB2509488** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=25060> | N/A | N/A |
| **MS11-020 KB2508429** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=64C550D4-C927-4382-91E1-473ED6790819&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=CCB08A8A-F4D9-4320-8FFB-3FD4FE217987&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=CCB08A8A-F4D9-4320-8FFB-3FD4FE217987&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=D6EDDFF4-A242-4DEC-9D84-72891DB2B754&displaylang=en> |
| **MS11-019 KB2511455** | [http://www.microsoft.com/downloads/en/details.aspx?familyid=D46FE0BF-28C2-4696-87BC-DD3C8287FC28&displaylang=en](file:///D%3A%5CProjects%5CMS%20Security%20Patches%5CSecurity%20Patch%20Instructions%5Ccurrent%5C8-3-11%2068x%20security%20patch%20instructions.doc) | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=DA8DD55D-6630-484E-836C-9FEEAB5CC311&displaylang=en> |
| **MS10-105 KB2288931** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=16698> | N/A | N/A |
| **MS10-061 KB2347290** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=3D79680B-C071-462F-9CEA-551FBD42EDF0&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=93FABA6B-0A85-4ACC-B527-A012BBF56B13&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=93FABA6B-0A85-4ACC-B527-A012BBF56B13&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=028977FD-0F39-42D4-9FEE-0D90A2931CFD&displaylang=en> |
| **MS10-054 KB982214** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=230E8559-E6DF-49D5-ACB5-B0CD4BDE0BF4&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=6E5E16F8-C140-4A1D-B898-8417A6BFD4D8&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=6E5E16F8-C140-4A1D-B898-8417A6BFD4D8&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=9087A3AA-AA55-41F6-8C4C-F322E4AA8681&displaylang=en> |
| **MS10-046 KB2286198** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=52748886-6280-4247-8CBD-F64DB229EE66&displaylang=en> |
| **MS10-031 KB976321** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=6898> | N/A | N/A |
| **MS10-017 KB978382** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?displaylang=en&id=12462> | N/A | N/A |
| **MS10-012 KB971468** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=8f7adee3-e68e-41b3-b835-d84691774f31&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=16494dac-553a-4de9-b751-0d6b51cb43f0&displaylang=en> |
| **MS09-073 KB973904** | <http://www.microsoft.com/en-us/download/details.aspx?id=23444> | <http://www.microsoft.com/en-us/download/details.aspx?id=4009> | <http://www.microsoft.com/en-us/download/details.aspx?id=4009> | N/A |
| **MS09-066 KB973039 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=7440> | N/A | N/A | N/A |
| **MS09-065 KB969947** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=916abdad-44b7-4f9d-986a-0c3558fb8e06&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=54562103-1d99-42d7-8f7f-c0cbcdce90db&displaylang=en> |
| **MS09-062 KB972581** | N/A | <http://www.microsoft.com/download/en/details.aspx?id=6991> | <http://www.microsoft.com/download/en/details.aspx?id=6991> | N/A |
| **MS09-050 KB975517** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=29842c0c-8930-4b5f-83c6-1a718974b63f&displaylang=en> |
| **MS09-048 KB967723** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=7d72f845-9feb-4685-a669-f9d6ab54f9ed&displaylang=en> |
| **MS09-037 KB973815** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=8b71bcc9-5146-4afc-8847-0af21d7fad36&displaylang=en> | N/A |
| **MS09-037 KB973507** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=4b4c6fc5-e8e6-4d89-a181-e231240468f9&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=80de158d-157e-4c21-9154-c1dbd6e57cb3&displaylang=en> |
| **MS09-037 KB973540 Media Player 10&11** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=3766aed9-93f5-478e-a5bf-b7ee0b577088&displaylang=en> |
| **MS09-037 KB973540 Media Player 9** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | N/A |
| **MS09-037 KB973354 Outlook Express 6** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=c67b5506-00ea-47cc-a0e8-897057b7380c&displaylang=en> | N/A |
| **MS09-034 KB972260 IE6** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | N/A |
| **MS09-034 KB972260 IE7** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=c874c8f8-0449-42b1-8d8b-901040069568&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=d3be9a13-1a5b-4b74-9649-449df923f573&displaylang=en> |
| **MS09-034 KB972260 IE8** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=0acc8aaa-0ae1-412a-9f2b-dc7c707cae00&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=b05a19f7-7412-4c2b-ad11-34396e54ca43&displaylang=en> |
| **MS09-032 KB973346** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | N/A |

MLCL v6.8.1 Security Updates 1

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.8.1 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP3** | **Windows XP SP3** | **Windows Vista SP2** |
| **Security Patch** |  |  |  |  |
| **MS14-068 KB3011780** | <https://www.microsoft.com/en-us/download/details.aspx?id=44960> | N/A | N/A | N/A |
| **MS17-010 KB4012598** | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=fdb0df5f-8994-4e43-a37b-82544a1eff68> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=69eadaea-9a25-4cb4-8c6f-5f4603311eda> |
| **MS17-013 KB4012583** | <https://www.microsoft.com/en-us/download/details.aspx?id=55421> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | N/A |
| **CVE-2017-0176 KB4022747** | <https://www.microsoft.com/en-us/download/details.aspx?id=55463> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | N/A |
| **CVE-2017-0222 IE9****KB4018271** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55471> |
| **CVE-2017-0267 to 0280****KB4018466** | <https://www.microsoft.com/en-us/download/details.aspx?id=55456> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8a608f23-2fdd-4a22-b1f9-098ed9b3e7ce> |
| **CVE-2017-7269 KB3197835** | <https://www.microsoft.com/en-us/download/details.aspx?id=55422> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | N/A |
| **CVE-2017-8461 KB4024323** | <https://www.microsoft.com/en-us/download/details.aspx?id=55424> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | N/A |
| **CVE-2017-8464 KB4021903** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55462> |
| **CVE-2017-8487 KB4025218** | <https://www.microsoft.com/en-us/download/details.aspx?id=55445> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | N/A |
| **CVE-2017-8543 KB4024402** | <https://www.microsoft.com/en-us/download/details.aspx?id=55428> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=88ca9fb7-d059-4830-ba12-56c5bb117d1e> |
| **CVE-2017-8552 KB4019204** | <https://www.microsoft.com/en-us/download/details.aspx?id=55454> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55432> |
| **Reboot after installing security updates** | **Reboot Required** | **Reboot Required** | **Reboot Required** | **Reboot Required** |

MLCL v6.8.1 Security Updates 2

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.8.1 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **MS11-062** [**KB2566454**](http://support.microsoft.com/kb/2566454) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | N/A |
| **MS11-063 KB2567680** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | N/A |
| **MS13-062 KB2849470** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | N/A |
| **MS13-081****KB2862330** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | N/A |
| **MS13-081****KB2862335** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | N/A |
| **MS13-081****KB2868038** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | N/A |
| **MS13-081****KB2884256** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | N/A |
| **MS14-066****KB2992611** | <https://www.microsoft.com/en-us/download/details.aspx?id=44649> | MS14-066 KB2992611\* - see note below table | MS14-066 KB2992611\* - see note below table | N/A |
| **2007 Microsoft Office Suite SP3 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27838> | N/A |
| **Service Pack 3 for Office Language Pack 2007 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27829> | N/A |

\* Microsoft XP SP3 Extended Support Patch – Only available to U.S. PSC contract or warranty customers. Contact GE Field Engineer for availability details.

MLCL v6.8

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP3** | **Windows XP SP3** | **Windows Vista SP1** |
| **Current Unqualified Vulnerability** | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4499180 (CVE-2019-0708) |
| **Security Patch** |   |   |   |   |
| **MS11-030 KB2509553** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/en/details.aspx?familyid=2A17E44F-54AA-423D-B3C7-A4F404F7C28B&displaylang=en> |
| **MS11-020 KB2508429** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=64C550D4-C927-4382-91E1-473ED6790819&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=CCB08A8A-F4D9-4320-8FFB-3FD4FE217987&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=CCB08A8A-F4D9-4320-8FFB-3FD4FE217987&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=D6EDDFF4-A242-4DEC-9D84-72891DB2B754&displaylang=en> |
| **MS11-019 KB2511455** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=D46FE0BF-28C2-4696-87BC-DD3C8287FC28&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> |
| **MS10-061 KB2347290** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=3D79680B-C071-462F-9CEA-551FBD42EDF0&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=93FABA6B-0A85-4ACC-B527-A012BBF56B13&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=93FABA6B-0A85-4ACC-B527-A012BBF56B13&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=028977FD-0F39-42D4-9FEE-0D90A2931CFD&displaylang=en> |
| **MS10-054 KB982214** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=230E8559-E6DF-49D5-ACB5-B0CD4BDE0BF4&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=6E5E16F8-C140-4A1D-B898-8417A6BFD4D8&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=6E5E16F8-C140-4A1D-B898-8417A6BFD4D8&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=9087A3AA-AA55-41F6-8C4C-F322E4AA8681&displaylang=en> |
| **MS10-046 KB2286198** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=12361875-B453-45E8-852B-90F2727894FD&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=12361875-B453-45E8-852B-90F2727894FD&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=52748886-6280-4247-8CBD-F64DB229EE66&displaylang=en> |
| **MS10-012 KB971468** | <http://www.microsoft.com/downloads/details.aspx?familyid=3d18cbc4-ac48-458c-8aa3-90708fd854ff&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=8f7adee3-e68e-41b3-b835-d84691774f31&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=8f7adee3-e68e-41b3-b835-d84691774f31&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=16494dac-553a-4de9-b751-0d6b51cb43f0&displaylang=en> |
| **MS09-065 KB969947** | <http://www.microsoft.com/downloads/details.aspx?familyid=16494dac-553a-4de9-b751-0d6b51cb43f0&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=916abdad-44b7-4f9d-986a-0c3558fb8e06&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=916abdad-44b7-4f9d-986a-0c3558fb8e06&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=54562103-1d99-42d7-8f7f-c0cbcdce90db&displaylang=en> |
| **MS09-050 KB975517** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=29842c0c-8930-4b5f-83c6-1a718974b63f&displaylang=en> |
| **MS09-048 KB967723** | <http://www.microsoft.com/downloads/details.aspx?familyid=48d82036-2fde-4bb0-a60e-92eed83ddc3f&displaylang=en> | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=7d72f845-9feb-4685-a669-f9d6ab54f9ed&displaylang=en> |
| **MS09-037 KB973815** | <http://www.microsoft.com/downloads/details.aspx?familyid=301ad191-8d3f-41d3-b41c-e2e863893f73&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=8b71bcc9-5146-4afc-8847-0af21d7fad36&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=8b71bcc9-5146-4afc-8847-0af21d7fad36&displaylang=en> | N/A |
| **MS09-037 KB973869**  | <http://www.microsoft.com/downloads/details.aspx?familyid=bfc474c2-e3c5-40df-85d4-4ac666ff0561&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=bdfcd0c3-7c18-4e63-91dd-d8f82cd89592&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=bdfcd0c3-7c18-4e63-91dd-d8f82cd89592&displaylang=en> | N/A |
| **MS09-037 KB973507** | <http://www.microsoft.com/downloads/details.aspx?familyid=7d9369b5-0c54-4c17-bc62-fba0a7b4728c&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=4b4c6fc5-e8e6-4d89-a181-e231240468f9&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=4b4c6fc5-e8e6-4d89-a181-e231240468f9&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=80de158d-157e-4c21-9154-c1dbd6e57cb3&displaylang=en> |
| **MS09-037 KB973540 Media Player 10 & 11** | <http://www.microsoft.com/downloads/details.aspx?familyid=ab054890-983b-4414-ad0a-da1b2d2a4895&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=3766aed9-93f5-478e-a5bf-b7ee0b577088&displaylang=en> |
| **MS09-037 KB973540 Media Player 9** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | N/A |
| **MS09-037 KB973354 Outlook Express 6** | <http://www.microsoft.com/downloads/details.aspx?familyid=3119ab1e-6729-40a1-b28f-0dab50502be6&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=c67b5506-00ea-47cc-a0e8-897057b7380c&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=c67b5506-00ea-47cc-a0e8-897057b7380c&displaylang=en> | N/A |
| **MS09-034 KB972260 IE6** | <http://www.microsoft.com/downloads/details.aspx?familyid=44852619-58ad-48f2-bc55-e8e1c72b1ba9&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | N/A |
| **MS09-034 KB972260 IE7** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=c874c8f8-0449-42b1-8d8b-901040069568&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=d3be9a13-1a5b-4b74-9649-449df923f573&displaylang=en> |
| **MS09-034 KB972260 IE8** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=0acc8aaa-0ae1-412a-9f2b-dc7c707cae00&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=b05a19f7-7412-4c2b-ad11-34396e54ca43&displaylang=en> |
| **MS09-032 KB973346** | <https://www.microsoft.com/en-us/download/details.aspx?id=19200> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | N/A |
| **MS09-018 KB969805 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?familyid=d814ce65-a193-4027-a6cd-106d388830a6&displaylang=en> | N/A | N/A | N/A |

MLCL v6.8 Security Updates 1

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.8 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP3** | **Windows XP SP3** | **Windows Vista SP1** |
| **Security Patch** |  |  |  |  |
| **KB948465 Vista Service Pack 2** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=16468> |
| **Reboot after installing Service Pack** | N/A | N/A | N/A | **Reboot Required** |
| **MS14-068 KB3011780** | <https://www.microsoft.com/en-us/download/details.aspx?id=44960> | N/A | N/A | N/A |
| **MS17-010 KB4012598** | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=fdb0df5f-8994-4e43-a37b-82544a1eff68> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=69eadaea-9a25-4cb4-8c6f-5f4603311eda> |
| **MS17-013 KB4012583** | <https://www.microsoft.com/en-us/download/details.aspx?id=55421> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | N/A |
| **CVE-2017-0176 KB4022747** | <https://www.microsoft.com/en-us/download/details.aspx?id=55463> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | N/A |
| **CVE-2017-0222 IE9****KB4018271** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55471> |
| **CVE-2017-0267 to 0280****KB4018466** | <https://www.microsoft.com/en-us/download/details.aspx?id=55456> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8a608f23-2fdd-4a22-b1f9-098ed9b3e7ce> |
| **CVE-2017-7269 KB3197835** | <https://www.microsoft.com/en-us/download/details.aspx?id=55422> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | N/A |
| **CVE-2017-8461 KB4024323** | <https://www.microsoft.com/en-us/download/details.aspx?id=55424> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | N/A |
| **CVE-2017-8464 KB4021903** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55462> |
| **CVE-2017-8487 KB4025218** | <https://www.microsoft.com/en-us/download/details.aspx?id=55445> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | N/A |
| **CVE-2017-8543 KB4024402** | <https://www.microsoft.com/en-us/download/details.aspx?id=55428> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=88ca9fb7-d059-4830-ba12-56c5bb117d1e> |
| **CVE-2017-8552 KB4019204** | <https://www.microsoft.com/en-us/download/details.aspx?id=55454> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55432> |
| **Reboot after installing security updates** | **Reboot Required** | **Reboot Required** | **Reboot Required** | **Reboot Required** |

MLCL v6.8 Security Updates 2

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.8 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **MS09-062 KB972581** | N/A | <http://www.microsoft.com/download/en/details.aspx?id=6991> | <http://www.microsoft.com/download/en/details.aspx?id=6991> | N/A |
| **MS09-066 KB973037 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=7440> | N/A | N/A | N/A |
| **MS09-073 KB973904** | <http://www.microsoft.com/en-us/download/details.aspx?id=23444> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | N/A |
| **MS10-017 KB978382** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?displaylang=en&id=12462> | N/A | N/A |
| **MS10-031 KB976321** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=6898> | N/A | N/A |
| **MS10-105 KB2288931** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=16698> | N/A | N/A |
| **MS11-023 KB2509488** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=25060> | N/A | N/A |
| **MS11-036 KB2535818** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?displaylang=en&id=24723> | N/A | N/A |
| **MS11-045 KB2541007** | N/A | <http://www.microsoft.com/download/en/details.aspx?id=26475> | N/A | N/A |
| **MS11-048 KB2536275** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=26335> |
| **MS11-058 KB2562485 (Domain Controller only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27062> | N/A | N/A | N/A |
| **MS11-062** [**KB2566454**](http://support.microsoft.com/kb/2566454) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | N/A |
| **MS11-063 KB2567680** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | N/A |
| **MS11-064 KB2563894** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27089> |
| **MS11-065 KB2570222** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27024> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | N/A |
| **MS11-072 KB2553073** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27331> | N/A | N/A |
| **MS11-073 KB2584063** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27383> | N/A | N/A |
| **MS11-083 KB2588516** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27893> |
| **MS11-089 KB2596785** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> |
| **MS12-004 KB2598479** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28621> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28605> |
| **MS12-004 KB2631813** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28687> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28640> |
| **MS12-005 KB2584146** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28611> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28646> |
| **MS12-017 KB2647170 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29147> | N/A | N/A | N/A |
| **MS12-020 KB2621440** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29134> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29126> |
| **MS12-027 KB2598041** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> |
| **MS12-030 KB2597161** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> |
| **MS12-030 KB2597969** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> |
| **MS12-034 KB2596672** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> |
| **MS12-034 KB2596792** | N/A | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) |
| **MS12-036 KB2685939** | <http://www.microsoft.com/en-us/download/details.aspx?id=30018> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://www.microsoft.com/en-us/download/details.aspx?id=30020> |
| **MS12-053 KB2723135** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | N/A |
| **MS12-054 KB2705219** | <http://www.microsoft.com/en-us/download/details.aspx?id=30482> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://www.microsoft.com/en-us/download/details.aspx?id=30544> |
| **MS12-054 KB2712808** | <http://www.microsoft.com/en-us/download/details.aspx?id=30518> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://www.microsoft.com/en-us/download/details.aspx?id=30552> |
| **MS12-057 KB2596615** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> |
| **MS12-057 KB2596754** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> |
| **MS12-060 KB2687441** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> |
| **MS12-076 KB2687307** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> |
| **MS12-082** [**KB2770660**](http://support.microsoft.com/kb/2770660) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://www.microsoft.com/en-us/download/details.aspx?id=35867> |
| **MS13-062 KB2849470** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | N/A |
| **MS13-081****KB2862330** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | N/A |
| **MS13-081****KB2862335** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | N/A |
| **MS13-081****KB2868038** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | N/A |
| **MS13-081****KB2884256** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | N/A |
| **MS14-066****KB2992611** | <https://www.microsoft.com/en-us/download/details.aspx?id=44649> | MS14-066 KB2992611\* - see note below table | MS14-066 KB2992611\* - see note below table | N/A |
| **2007 Microsoft Office Suite SP3 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27838> | N/A |
| **Service Pack 3 for Office Language Pack 2007 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27829> | N/A |

\* Microsoft XP SP3 Extended Support Patch – Only available to U.S. PSC contract or warranty customers. Contact GE Field Engineer for availability details.

MLCL v6.5.6

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP3** | **Windows XP SP3** | **Windows Vista SP2** |
| **Current Unqualified Vulnerability** | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4499180 (CVE-2019-0708) |
| **Security Patch** |  |  |  |  |
| **MS11-030 KB2509553** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/en/details.aspx?familyid=2A17E44F-54AA-423D-B3C7-A4F404F7C28B&displaylang=en> |
| **MS11-020 KB2508429** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=64C550D4-C927-4382-91E1-473ED6790819&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=CCB08A8A-F4D9-4320-8FFB-3FD4FE217987&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=CCB08A8A-F4D9-4320-8FFB-3FD4FE217987&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=D6EDDFF4-A242-4DEC-9D84-72891DB2B754&displaylang=en> |
| **MS11-019 KB2511455** | [http://www.microsoft.com/downloads/en/details.aspx?familyid=D46FE0BF-28C2-4696-87BC-DD3C8287FC28&displaylang=en](file:///D%3A%5CProjects%5CMS%20Security%20Patches%5CSecurity%20Patch%20Instructions%5Ccurrent%5C8-3-11%2068x%20security%20patch%20instructions.doc) | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=F5378E7B-4619-4C42-9D9F-87B209C6D878&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=DA8DD55D-6630-484E-836C-9FEEAB5CC311&displaylang=en> |
| **MS10-061 KB2347290** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=3D79680B-C071-462F-9CEA-551FBD42EDF0&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=93FABA6B-0A85-4ACC-B527-A012BBF56B13&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=93FABA6B-0A85-4ACC-B527-A012BBF56B13&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=028977FD-0F39-42D4-9FEE-0D90A2931CFD&displaylang=en> |
| **MS10-054 KB982214** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=230E8559-E6DF-49D5-ACB5-B0CD4BDE0BF4&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=6E5E16F8-C140-4A1D-B898-8417A6BFD4D8&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=6E5E16F8-C140-4A1D-B898-8417A6BFD4D8&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=9087A3AA-AA55-41F6-8C4C-F322E4AA8681&displaylang=en> |
| **MS10-046 KB2286198** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://www.microsoft.com/downloads/en/details.aspx?familyid=52748886-6280-4247-8CBD-F64DB229EE66&displaylang=en> |
| **MS10-012 KB971468** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=8f7adee3-e68e-41b3-b835-d84691774f31&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=16494dac-553a-4de9-b751-0d6b51cb43f0&displaylang=en> |
| **MS09-065 KB969947** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=916abdad-44b7-4f9d-986a-0c3558fb8e06&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=54562103-1d99-42d7-8f7f-c0cbcdce90db&displaylang=en> |
| **MS09-050 KB975517** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=29842c0c-8930-4b5f-83c6-1a718974b63f&displaylang=en> |
| **MS09-048 KB967723** | N/A | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=7d72f845-9feb-4685-a669-f9d6ab54f9ed&displaylang=en> |
| **MS09-037 KB973815** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=8b71bcc9-5146-4afc-8847-0af21d7fad36&displaylang=en> | N/A |
| **MS09-037 KB973507** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=4b4c6fc5-e8e6-4d89-a181-e231240468f9&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=80de158d-157e-4c21-9154-c1dbd6e57cb3&displaylang=en> |
| **MS09-037 KB973540 Media Player 10 & 11** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=3766aed9-93f5-478e-a5bf-b7ee0b577088&displaylang=en> |
| **MS09-037 KB973540 Media Player 9** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=ec84c98b-6bc7-442f-9280-d6e204280b2f&displaylang=en> | N/A |
| **MS09-037 KB973354 Outlook Express 6** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=c67b5506-00ea-47cc-a0e8-897057b7380c&displaylang=en> | N/A |
| **MS09-034 KB972260 IE6** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | N/A |
| **MS09-034 KB972260 IE7** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=c874c8f8-0449-42b1-8d8b-901040069568&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=d3be9a13-1a5b-4b74-9649-449df923f573&displaylang=en> |
| **MS09-034 KB972260 IE8** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=0acc8aaa-0ae1-412a-9f2b-dc7c707cae00&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=b05a19f7-7412-4c2b-ad11-34396e54ca43&displaylang=en> |
| **MS09-032 KB973346** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | N/A |

MLCL v6.5.6 Security Updates 1

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.5.6 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP3** | **Windows XP SP3** | **Windows Vista SP2** |
| **Security Patch** |  |  |  |  |
| **MS14-068 KB3011780** | <https://www.microsoft.com/en-us/download/details.aspx?id=44960> | N/A | N/A | N/A |
| **MS17-010 KB4012598** | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=fdb0df5f-8994-4e43-a37b-82544a1eff68> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=69eadaea-9a25-4cb4-8c6f-5f4603311eda> |
| **MS17-013 KB4012583** | <https://www.microsoft.com/en-us/download/details.aspx?id=55421> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | N/A |
| **CVE-2017-0176 KB4022747** | <https://www.microsoft.com/en-us/download/details.aspx?id=55463> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | N/A |
| **CVE-2017-0222 IE9****KB4018271** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55471> |
| **CVE-2017-0267 to 0280****KB4018466** | <https://www.microsoft.com/en-us/download/details.aspx?id=55456> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8a608f23-2fdd-4a22-b1f9-098ed9b3e7ce> |
| **CVE-2017-7269 KB3197835** | <https://www.microsoft.com/en-us/download/details.aspx?id=55422> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | N/A |
| **CVE-2017-8461 KB4024323** | <https://www.microsoft.com/en-us/download/details.aspx?id=55424> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | N/A |
| **CVE-2017-8464 KB4021903** | N/A | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55462> |
| **CVE-2017-8487 KB4025218** | <https://www.microsoft.com/en-us/download/details.aspx?id=55445> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | N/A |
| **CVE-2017-8543 KB4024402** | <https://www.microsoft.com/en-us/download/details.aspx?id=55428> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=88ca9fb7-d059-4830-ba12-56c5bb117d1e> |
| **CVE-2017-8552 KB4019204** | <https://www.microsoft.com/en-us/download/details.aspx?id=55454> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55432> |
| **Reboot after installing security updates** | **Reboot Required** | **Reboot Required** | **Reboot Required** | **Reboot Required** |

MLCL v6.5.6 Security Updates 2

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.5.6 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (Vista)** |
| --- | --- | --- | --- | --- |
| **MS09-062 KB972581** | N/A | <http://www.microsoft.com/download/en/details.aspx?id=6991> | <http://www.microsoft.com/download/en/details.aspx?id=6991> | N/A |
| **MS09-066 KB973037 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=7440> | N/A | N/A | N/A |
| **MS09-073 KB973904** | <http://www.microsoft.com/en-us/download/details.aspx?id=23444> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | N/A |
| **MS10-017 KB978382** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?displaylang=en&id=12462> | N/A | N/A |
| **MS10-031 KB976321** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=6898> | N/A | N/A |
| **MS10-105 KB2288931** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=16698> | N/A | N/A |
| **MS11-023 KB2509488** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=25060> | N/A | N/A |
| **MS11-036 KB2535818** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?displaylang=en&id=24723> | N/A | N/A |
| **MS11-045 KB2541007** | N/A | <http://www.microsoft.com/download/en/details.aspx?id=26475> | N/A | N/A |
| **MS11-048 KB2536275** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=26335> |
| **MS11-058 KB2562485 (Domain Controller only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27062> | N/A | N/A | N/A |
| **MS11-062** [**KB2566454**](http://support.microsoft.com/kb/2566454) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | N/A |
| **MS11-063 KB2567680** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | N/A |
| **MS11-064 KB2563894** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27089> |
| **MS11-065 KB2570222** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27024> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | N/A |
| **MS11-072 KB2553073** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27331> | N/A | N/A |
| **MS11-073 KB2584063** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27383> | N/A | N/A |
| **MS11-083 KB2588516** | N/A | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27893> |
| **MS11-089 KB2596785** | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> |
| **MS12-004 KB2598479** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28621> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28605> |
| **MS12-004 KB2631813** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28687> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28640> |
| **MS12-005 KB2584146** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28611> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28646> |
| **MS12-017 KB2647170 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29147> | N/A | N/A | N/A |
| **MS12-020 KB2621440** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29134> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29126> |
| **MS12-027 KB2598041** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> |
| **MS12-030 KB2597161** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> |
| **MS12-030 KB2597969** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> |
| **MS12-034 KB2596672** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> |
| **MS12-034 KB2596792** | N/A | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) |
| **MS12-036 KB2685939** | <http://www.microsoft.com/en-us/download/details.aspx?id=30018> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://www.microsoft.com/en-us/download/details.aspx?id=30020> |
| **MS12-053 KB2723135** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | N/A |
| **MS12-054 KB2705219** | <http://www.microsoft.com/en-us/download/details.aspx?id=30482> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://www.microsoft.com/en-us/download/details.aspx?id=30544> |
| **MS12-054 KB2712808** | <http://www.microsoft.com/en-us/download/details.aspx?id=30518> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://www.microsoft.com/en-us/download/details.aspx?id=30552> |
| **MS12-057 KB2596615** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> |
| **MS12-057 KB2596754** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> |
| **MS12-060 KB2687441** | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> |
| **MS12-076 KB2687307** | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> |
| **MS12-082** [**KB2770660**](http://support.microsoft.com/kb/2770660) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://www.microsoft.com/en-us/download/details.aspx?id=35867> |
| **MS13-062 KB2849470** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | N/A |
| **MS13-081****KB2862330** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | N/A |
| **MS13-081****KB2862335** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | N/A |
| **MS13-081****KB2868038** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | N/A |
| **MS13-081****KB2884256** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | N/A |
| **MS14-066****KB2992611** | <https://www.microsoft.com/en-us/download/details.aspx?id=44649> | MS14-066 KB2992611\* - see note below table | MS14-066 KB2992611\* - see note below table | N/A |
| **2007 Microsoft Office Suite SP3 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27838> | N/A |
| **Service Pack 3 for Office Language Pack 2007 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27829> | N/A |

\* Microsoft XP SP3 Extended Support Patch – Only available to U.S. PSC contract or warranty customers. Contact GE Field Engineer for availability details.

MLCL v6.5.4

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (2000)** |
| --- | --- | --- | --- | --- |
| **MLCL Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP2** | **Windows XP SP2** | **Windows 2000 SP4** |
| **Current Unqualified Vulnerability** | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | N/A |
| **Security Patch** |   |   |   |   |
| **MS10-061 KB2347290** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=3D79680B-C071-462F-9CEA-551FBD42EDF0&displaylang=en> | N/A | N/A | N/A |
| **MS10-054 KB982214** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=230E8559-E6DF-49D5-ACB5-B0CD4BDE0BF4&displaylang=en> | N/A | N/A | N/A |
| **MS10-046 KB2286198** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | N/A | N/A | N/A |
| **MS10-012 KB971468** | <http://www.microsoft.com/downloads/details.aspx?familyid=3d18cbc4-ac48-458c-8aa3-90708fd854ff&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=561d99ec-5266-46ef-9bc5-fa1627cc1aad> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=561d99ec-5266-46ef-9bc5-fa1627cc1aad> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a8fd0f56-25ff-4685-83a9-f69a0734304d> |
| **MS09-065 KB969947** | <http://www.microsoft.com/downloads/details.aspx?familyid=5cd62750-e269-44ae-8c7c-c335e8545b9a&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=54173d00-6670-4e5c-a601-70ae316aa295> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=54173d00-6670-4e5c-a601-70ae316aa295> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=25820fe3-b3ad-4659-b712-d00a3ce64644> |
| **MS09-048 KB967723** | <http://www.microsoft.com/downloads/details.aspx?familyid=48d82036-2fde-4bb0-a60e-92eed83ddc3f&displaylang=en> | N/A | N/A | N/A |
| **MS09-037 KB973815** | <http://www.microsoft.com/downloads/details.aspx?familyid=301ad191-8d3f-41d3-b41c-e2e863893f73&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=ec1f4a29-8828-4fbe-b101-5a89321d8e7f> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=ec1f4a29-8828-4fbe-b101-5a89321d8e7f> | N/A |
| **MS09-037 KB973869** | <http://www.microsoft.com/downloads/details.aspx?familyid=bfc474c2-e3c5-40df-85d4-4ac666ff0561&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=03100286-5495-49b2-a4b0-795a73936c35> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=03100286-5495-49b2-a4b0-795a73936c35> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=cad0934c-4559-490c-b117-6390fe6a57b7> |
| **MS09-037 KB973507** | <http://www.microsoft.com/downloads/details.aspx?familyid=7d9369b5-0c54-4c17-bc62-fba0a7b4728c&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78fa2878-c352-42d3-8724-9cf0ceceb6a0> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78fa2878-c352-42d3-8724-9cf0ceceb6a0> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=36fa6072-467a-4f61-a3c5-4f5c1c6b9f23> |
| **MS09-037 KB973540 Media Player 9, 10 & 11** | <http://www.microsoft.com/downloads/details.aspx?familyid=ab054890-983b-4414-ad0a-da1b2d2a4895&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9bf01484-3c26-4b16-b846-54a057162f12> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9bf01484-3c26-4b16-b846-54a057162f12> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=846a63ba-657d-4f4e-a3d2-afc40d8e4204> |
| **MS09-037 KB973354 Outlook Express 6** | <http://www.microsoft.com/downloads/details.aspx?familyid=3119ab1e-6729-40a1-b28f-0dab50502be6&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=91057659-9baa-4781-8041-73660cc0b805> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=91057659-9baa-4781-8041-73660cc0b805> | N/A |
| **MS09-037 KB973354 Outlook Express 5.5** | N/A | N/A | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8ebbfa42-dbff-4acf-8f6f-5cc73ff83df3> |
| **MS09-034 KB972260 IE6** | <http://www.microsoft.com/downloads/details.aspx?familyid=44852619-58ad-48f2-bc55-e8e1c72b1ba9&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> |  |
| **MS09-034 KB972260 IE7** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=c874c8f8-0449-42b1-8d8b-901040069568> | N/A |
| **MS09-034 KB972260 IE8** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=0acc8aaa-0ae1-412a-9f2b-dc7c707cae00> | N/A |
| **MS09-032 KB973346** | <http://www.microsoft.com/downloads/details.aspx?FamilyID=b0a458d6-c34c-41c7-964a-c130cfcb0d01&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | N/A |
| **MS09-022 KB961501** | N/A | N/A | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9bf1732e-815e-40a1-9054-437b04da16d4> |
| **MS09-018 KB969805 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?familyid=d814ce65-a193-4027-a6cd-106d388830a6&displaylang=en> | N/A | N/A | N/A |
| **MS09-008 KB961063 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?familyid=6cc42c9e-c34e-4577-8b23-9e07e2369878&displaylang=en> | N/A | N/A | N/A |
| **MS09-001 KB958687** | <http://www.microsoft.com/downloads/details.aspx?familyid=588CA8E8-38A9-47ED-9C41-09AAF1022E49&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0975455f-d040-4eec-9013-81d19bf3dd0a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0975455f-d040-4eec-9013-81d19bf3dd0a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=1af11f38-974c-4c57-a7b9-c3bcb6aa3b85> |
| **MS08-067 KB958644** | <http://www.microsoft.com/downloads/details.aspx?familyid=F26D395D-2459-4E40-8C92-3DE1C52C390D&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=0D5F9B6E-9265-44B9-A376-2067B73D6A03&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=0D5F9B6E-9265-44B9-A376-2067B73D6A03&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=E22EB3AE-1295-4FE2-9775-6F43C5C2AED3&displaylang=en> |
| **MS08-037 KB951748** | <http://www.microsoft.com/downloads/details.aspx?familyid=4ef5033c-9843-4e0b-bfad-fcaf05d7dab9&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=d5eadb3b-4fd7-4087-8b9d-4acb2b41210e> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=d5eadb3b-4fd7-4087-8b9d-4acb2b41210e> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=96e570bb-dd00-492c-963b-2df4216003ef> |
| **MS08-037 KB951746 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?familyid=d1fcb794-e6a5-4c28-b3b3-9cd88f468a42&displaylang=en> | N/A | N/A | N/A |
| **MS08-001 KB941644** | [http://www.microsoft.com/downloads/details.aspx?FamilyID=fda060a5-9a1e-4036-9899-13eb61fdd8be&displaylang=en](http://www.microsoft.com/downloads/details.aspx?FamilyID=fda060a5-9a1e-4036-9899-13eb61fdd8be) | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8f1b2dbe-53a2-45c4-83c8-ccc093f28f5c> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8f1b2dbe-53a2-45c4-83c8-ccc093f28f5c> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e3cfed04-1210-45a3-a0a7-a61cb57a8b99> |
| **MS07-058 KB933729** | <http://www.microsoft.com/downloads/details.aspx?FamilyId=011593a0-f37e-4578-bee1-a985639b521b&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b9df13d5-ac67-4a9a-893b-732328d1b1d8> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b9df13d5-ac67-4a9a-893b-732328d1b1d8> | N/A |
| **MS07-029 KB935966 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?FamilyId=dfb5eaca-788b-475c-9817-491f0b7cf295&displaylang=en> | N/A | N/A | N/A |
| **MS06-070 KB924270** | N/A | N/A | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd3a02e-d9d4-43b9-b0fb-3887cb3ef60b> |

MLCL v6.5.4 Security Updates

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.5.4 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (2000)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP2** | **Windows XP SP2** | **Windows XP SP2** | **Windows 2000 SP4** |
| **Security Patch** |  |  |  |  |
| **KB936929 Windows XP Service Pack 3** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=60b990a0-6efa-47be-8f5a-7df2c402583e> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=60b990a0-6efa-47be-8f5a-7df2c402583e> | N/A |
| **Reboot after installing Service Pack** | N/A | **Reboot Required** | **Reboot Required** | N/A |
| **MS09-062 KB972581** | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?id=6991> | N/A |
| **MS09-066 KB973037 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=7440> | N/A | N/A | N/A |
| **MS09-073 KB973904** | <http://www.microsoft.com/en-us/download/details.aspx?id=23444> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | N/A |
| **MS10-046 KB2286198** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8dcb7132-ccc5-4620-9d8d-331b0701eb2f> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8dcb7132-ccc5-4620-9d8d-331b0701eb2f> | N/A |
| **MS10-054 KB982214** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5511b5e8-75f8-4da2-86bf-d9c532bbf31c> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5511b5e8-75f8-4da2-86bf-d9c532bbf31c> | N/A |
| **MS10-061 KB2347290** | N/A | [http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8N/A](http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8) | [http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8N/A](http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8) | N/A |
| **MS11-019 KB2511455** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=D46FE0BF-28C2-4696-87BC-DD3C8287FC28&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=825e1d4a-ed86-4ecd-91a8-0f5f2933cf50> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=825e1d4a-ed86-4ecd-91a8-0f5f2933cf50> | N/A |
| **MS11-020 KB2508429** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=64C550D4-C927-4382-91E1-473ED6790819&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9898794f-3fa6-4f67-b9cf-5f35eb92bf8a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9898794f-3fa6-4f67-b9cf-5f35eb92bf8a> | N/A |
| **MS11-058 KB2562485****(Domain Controller only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27062> | N/A | N/A | N/A |
| **MS11-062** [**KB2566454**](http://support.microsoft.com/kb/2566454) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | N/A |
| **MS11-063 KB2567680** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | N/A |
| **MS11-065 KB2570222** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27024> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | N/A |
| **MS11-089 KB2596785** | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | N/A |
| **MS12-004 KB2598479** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28621> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | N/A |
| **MS12-004 KB2631813** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28687> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | N/A |
| **MS12-005 KB2584146** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28611> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | N/A |
| **MS12-017 KB2647170 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29147> | N/A | N/A | N/A |
| **MS12-020 KB2621440** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29134> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | N/A |
| **MS12-027 KB2598041** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | N/A |
| **MS12-030 KB2597161** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | N/A |
| **MS12-030 KB2597969** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | N/A |
| **MS12-034 KB2596672** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | N/A |
| **MS12-034 KB2596792** | N/A | N/A | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | N/A |
| **MS12-036 KB2685939** | <http://www.microsoft.com/en-us/download/details.aspx?id=30018> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | N/A |
| **MS12-053 KB2723135** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | N/A |
| **MS12-054 KB2705219** | <http://www.microsoft.com/en-us/download/details.aspx?id=30482> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | N/A |
| **MS12-054 KB2712808** | <http://www.microsoft.com/en-us/download/details.aspx?id=30518> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | N/A |
| **MS12-057 KB2596615** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | N/A |
| **MS12-057 KB2596754** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | N/A |
| **MS12-060 KB2687441** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | N/A |
| **MS12-076 KB2687307** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | N/A |
| **MS12-082** [**KB2770660**](http://support.microsoft.com/kb/2770660) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | N/A |
| **MS13-062 KB2849470** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | N/A |
| **MS13-081****KB2862330** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | N/A |
| **MS13-081****KB2862335** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | N/A |
| **MS13-081****KB2868038** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | N/A |
| **MS13-081****KB2884256** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | N/A |
| **MS14-066****KB2992611** | <https://www.microsoft.com/en-us/download/details.aspx?id=44649> | MS14-066 KB2992611\* - see note below table | MS14-066 KB2992611\* - see note below table | N/A |
| **2007 Microsoft Office Suite SP3 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27838> | N/A |
| **Service Pack 3 for Office Language Pack 2007 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27829> | N/A |
| **Reboot after Office update** | N/A | N/A | **Reboot Required** | N/A |
| **MS14-068 KB3011780** | <https://www.microsoft.com/en-us/download/details.aspx?id=44960> | N/A | N/A | N/A |
| **MS17-010****KB4012598** | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=fdb0df5f-8994-4e43-a37b-82544a1eff68> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | N/A |
| **MS17-013 KB4012583** | <https://www.microsoft.com/en-us/download/details.aspx?id=55421> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | N/A |
| **CVE-2017-0176 KB4022747** | <https://www.microsoft.com/en-us/download/details.aspx?id=55463> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | N/A |
| **CVE-2017-0222 IE8****KB4018271** | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55474> | N/A |
| **CVE-2017-0267 to 0280****KB4018466** | <https://www.microsoft.com/en-us/download/details.aspx?id=55456> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | N/A |
| **CVE-2017-7269 KB3197835** | <https://www.microsoft.com/en-us/download/details.aspx?id=55422> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | N/A |
| **CVE-2017-8461 KB4024323** | <https://www.microsoft.com/en-us/download/details.aspx?id=55424> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | N/A |
| **CVE-2017-8487 KB4025218** | <https://www.microsoft.com/en-us/download/details.aspx?id=55445> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | N/A |
| **CVE-2017-8543 KB4024402** | <https://www.microsoft.com/en-us/download/details.aspx?id=55428> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | N/A |
| **CVE-2017-8552 KB4019204** | <https://www.microsoft.com/en-us/download/details.aspx?id=55454> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | N/A |
| **Reboot after installing security updates** | **Reboot Required** | **Reboot Required** | **Reboot Required** | N/A |

\* Microsoft XP SP3 Extended Support Patch – Only available to U.S. PSC contract or warranty customers. Contact GE Field Engineer for availability details.

MLCL v6.5.3

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (2000)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP1** | **Windows XP SP2** | **Windows XP SP2** | **Windows 2000 SP4** |
| **Current Unqualified Vulnerability** | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | KB4500331 (CVE-2019-0708) | N/A |
| **Security Patch** |   |   |   |   |
| **MS10-012 KB971468** | [N/A](http://www.microsoft.com/downloads/details.aspx?familyid=3d18cbc4-ac48-458c-8aa3-90708fd854ff&displaylang=en) | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=561d99ec-5266-46ef-9bc5-fa1627cc1aad> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=561d99ec-5266-46ef-9bc5-fa1627cc1aad> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a8fd0f56-25ff-4685-83a9-f69a0734304d> |
| **MS09-065 KB969947** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=54173d00-6670-4e5c-a601-70ae316aa295> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=54173d00-6670-4e5c-a601-70ae316aa295> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=25820fe3-b3ad-4659-b712-d00a3ce64644> |
| **MS09-037 KB973815** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=ec1f4a29-8828-4fbe-b101-5a89321d8e7f> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=ec1f4a29-8828-4fbe-b101-5a89321d8e7f> | N/A |
| **MS09-037 KB973869** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=03100286-5495-49b2-a4b0-795a73936c35> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=03100286-5495-49b2-a4b0-795a73936c35> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=cad0934c-4559-490c-b117-6390fe6a57b7> |
| **MS09-037 KB973507** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78fa2878-c352-42d3-8724-9cf0ceceb6a0> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78fa2878-c352-42d3-8724-9cf0ceceb6a0> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=36fa6072-467a-4f61-a3c5-4f5c1c6b9f23> |
| **MS09-037 KB973540 Media Player 9, 10 & 11** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9bf01484-3c26-4b16-b846-54a057162f12> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9bf01484-3c26-4b16-b846-54a057162f12> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=846a63ba-657d-4f4e-a3d2-afc40d8e4204> |
| **MS09-037 KB973354 Outlook Express 6** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=91057659-9baa-4781-8041-73660cc0b805> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=91057659-9baa-4781-8041-73660cc0b805> | N/A |
| **MS09-037 KB973354 Outlook Express 5.5** | N/A | N/A | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8ebbfa42-dbff-4acf-8f6f-5cc73ff83df3> |
| **MS09-034 KB972260 IE6** | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=22bed634-5227-4a22-8df5-801f3e2e232a&displaylang=en> | N/A |
| **MS09-034 KB972260 IE7** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=c874c8f8-0449-42b1-8d8b-901040069568> | N/A |
| **MS09-034 KB972260 IE8** | N/A | N/A | <http://www.microsoft.com/downloads/details.aspx?familyid=0acc8aaa-0ae1-412a-9f2b-dc7c707cae00> | N/A |
| **MS09-032 KB973346** | N/A | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?FamilyID=24701af8-b87e-4e85-9463-f50755a1b6ad&displaylang=en> | N/A |
| **MS09-022 KB961501** | N/A | N/A | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9bf1732e-815e-40a1-9054-437b04da16d4> |
| **MS09-008 KB961063 (INW DC)** | <http://www.microsoft.com/downloads/details.aspx?familyid=6cc42c9e-c34e-4577-8b23-9e07e2369878&displaylang=en> | N/A | N/A | N/A |
| **MS09-001 KB958687** | <http://www.microsoft.com/downloads/details.aspx?familyid=588CA8E8-38A9-47ED-9C41-09AAF1022E49&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0975455f-d040-4eec-9013-81d19bf3dd0a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0975455f-d040-4eec-9013-81d19bf3dd0a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=1af11f38-974c-4c57-a7b9-c3bcb6aa3b85> |
| **MS08-067 KB958644** | <http://www.microsoft.com/downloads/details.aspx?familyid=F26D395D-2459-4E40-8C92-3DE1C52C390D&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=0D5F9B6E-9265-44B9-A376-2067B73D6A03&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=0D5F9B6E-9265-44B9-A376-2067B73D6A03&displaylang=en> | <http://www.microsoft.com/downloads/details.aspx?familyid=E22EB3AE-1295-4FE2-9775-6F43C5C2AED3&displaylang=en> |
| **MS08-037 KB951748** | <http://www.microsoft.com/downloads/details.aspx?familyid=4ef5033c-9843-4e0b-bfad-fcaf05d7dab9&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=d5eadb3b-4fd7-4087-8b9d-4acb2b41210e> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=d5eadb3b-4fd7-4087-8b9d-4acb2b41210e> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=96e570bb-dd00-492c-963b-2df4216003ef> |
| **MS08-037 KB951746 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?familyid=d1fcb794-e6a5-4c28-b3b3-9cd88f468a42&displaylang=en> | N/A | N/A | N/A |
| **MS08-001 KB941644** | [http://www.microsoft.com/downloads/details.aspx?FamilyID=fda060a5-9a1e-4036-9899-13eb61fdd8be&displaylang=en](http://www.microsoft.com/downloads/details.aspx?FamilyID=fda060a5-9a1e-4036-9899-13eb61fdd8be) | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8f1b2dbe-53a2-45c4-83c8-ccc093f28f5c> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8f1b2dbe-53a2-45c4-83c8-ccc093f28f5c> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e3cfed04-1210-45a3-a0a7-a61cb57a8b99> |
| **MS07-058 KB933729** | <http://www.microsoft.com/downloads/details.aspx?FamilyId=011593a0-f37e-4578-bee1-a985639b521b&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b9df13d5-ac67-4a9a-893b-732328d1b1d8> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b9df13d5-ac67-4a9a-893b-732328d1b1d8> | N/A |
| **MS07-029 KB935966 (INW DC)** | <http://www.microsoft.com/downloads/details.aspx?FamilyId=dfb5eaca-788b-475c-9817-491f0b7cf295&displaylang=en> | N/A | N/A | N/A |
| **MS06-070 KB924270** | N/A | N/A | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd3a02e-d9d4-43b9-b0fb-3887cb3ef60b> |

MLCL v6.5.3 Security Updates

The following patches bring the MLCL system to a more recent patch level and address several security vulnerabilities. The following guidelines apply:

1. The above patches are required patches for 6.5.3 and must be applied first.
2. It is expected that some patches listed will already be on the system.
3. Patches must be applied in order except where indicated.
4. Reboots are only required where indicated. If a Patch requests a reboot at another point, the system can be rebooted but it is not required.
5. Patches will not install if the software component to be patched is not present (such as an IE8 patch on a system that does not have IE8 installed).

|  | **INW Server** | **GE Hardware Acq/Review** | **Software Only System (XP)** | **Software Only System (2000)** |
| --- | --- | --- | --- | --- |
| **Operating System Platform** | **Windows Server 2003 SP1** | **Windows XP SP2** | **Windows XP SP2** | **Windows 2000 SP4** |
| **Security Patch** |  |  |  |  |
| **KB914961 Windows Server 2003 Service Pack 2** | <https://www.microsoft.com/en-us/download/details.aspx?id=41> | N/A | N/A | N/A |
| **KB936929 Windows XP Service Pack 3** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=60b990a0-6efa-47be-8f5a-7df2c402583e> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=60b990a0-6efa-47be-8f5a-7df2c402583e> | N/A |
| **Reboot after installing Service Pack** | **Reboot Required** | **Reboot Required** | **Reboot Required** | N/A |
| **MS09-018 KB969805 (Domain Controller Only)** | <http://www.microsoft.com/downloads/details.aspx?familyid=d814ce65-a193-4027-a6cd-106d388830a6&displaylang=en> | N/A | N/A | N/A |
| **MS09-032 KB973346** | <http://www.microsoft.com/downloads/details.aspx?FamilyID=b0a458d6-c34c-41c7-964a-c130cfcb0d01&displaylang=en> | N/A | N/A | N/A |
| **MS09-034 KB972260 IE6** | <http://www.microsoft.com/downloads/details.aspx?familyid=44852619-58ad-48f2-bc55-e8e1c72b1ba9&displaylang=en> | N/A | N/A | N/A |
| **MS09-037 KB973354 Outlook Express 6** | <http://www.microsoft.com/downloads/details.aspx?familyid=3119ab1e-6729-40a1-b28f-0dab50502be6&displaylang=en> | N/A | N/A | N/A |
| **MS09-037 KB973540 Media Player 9, 10 & 11** | <http://www.microsoft.com/downloads/details.aspx?familyid=ab054890-983b-4414-ad0a-da1b2d2a4895&displaylang=en> | N/A | N/A | N/A |
| **MS09-037 KB973507** | <http://www.microsoft.com/downloads/details.aspx?familyid=7d9369b5-0c54-4c17-bc62-fba0a7b4728c&displaylang=en> | N/A | N/A | N/A |
| **MS09-037 KB973869** | <http://www.microsoft.com/downloads/details.aspx?familyid=bfc474c2-e3c5-40df-85d4-4ac666ff0561&displaylang=en> | N/A | N/A | N/A |
| **MS09-037 KB973815** | <http://www.microsoft.com/downloads/details.aspx?familyid=301ad191-8d3f-41d3-b41c-e2e863893f73&displaylang=en> | N/A | N/A | N/A |
| **MS09-048 KB967723** | <http://www.microsoft.com/downloads/details.aspx?familyid=48d82036-2fde-4bb0-a60e-92eed83ddc3f&displaylang=en> | N/A | N/A | N/A |
| **MS09-062 KB972581** | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?id=6991> | N/A |
| **MS09-065 KB969947** | <http://www.microsoft.com/downloads/details.aspx?familyid=5cd62750-e269-44ae-8c7c-c335e8545b9a&displaylang=en> | N/A | N/A | N/A |
| **MS09-066 KB973037 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=7440> | N/A | N/A | N/A |
| **MS09-073 KB973904** | <http://www.microsoft.com/en-us/download/details.aspx?id=23444> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=436fe556-a35d-4ad5-96e9-dddc4fa6055d> | N/A |
| **MS10-012 KB971468** | <http://www.microsoft.com/downloads/details.aspx?familyid=3d18cbc4-ac48-458c-8aa3-90708fd854ff&displaylang=en> | N/A | N/A | N/A |
| **MS10-046 KB2286198** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=32FE91EF-5A8D-4095-90EE-2CA216696B09&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8dcb7132-ccc5-4620-9d8d-331b0701eb2f> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=8dcb7132-ccc5-4620-9d8d-331b0701eb2f> | N/A |
| **MS10-054 KB982214** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=230E8559-E6DF-49D5-ACB5-B0CD4BDE0BF4&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5511b5e8-75f8-4da2-86bf-d9c532bbf31c> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5511b5e8-75f8-4da2-86bf-d9c532bbf31c> | N/A |
| **MS10-061 KB2347290** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=3D79680B-C071-462F-9CEA-551FBD42EDF0&displaylang=en> | [http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8N/A](http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8) | [http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8N/A](http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9ebc8b94-ef1d-4065-a4c9-d40dd950cbc8) | N/A |
| **MS11-019 KB2511455** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=D46FE0BF-28C2-4696-87BC-DD3C8287FC28&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=825e1d4a-ed86-4ecd-91a8-0f5f2933cf50> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=825e1d4a-ed86-4ecd-91a8-0f5f2933cf50> | N/A |
| **MS11-020 KB2508429** | <http://www.microsoft.com/downloads/en/details.aspx?familyid=64C550D4-C927-4382-91E1-473ED6790819&displaylang=en> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9898794f-3fa6-4f67-b9cf-5f35eb92bf8a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9898794f-3fa6-4f67-b9cf-5f35eb92bf8a> | N/A |
| **MS11-058 KB2562485 (Domain Controller only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27062> | N/A | N/A | N/A |
| **MS11-062** [**KB2566454**](http://support.microsoft.com/kb/2566454) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5feaa407-3d5b-4bda-abc9-33cd58b5ac15> | N/A |
| **MS11-063 KB2567680** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a65a95ea-8da5-4961-be35-ff11252f5430> | N/A |
| **MS11-065 KB2570222** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=27024> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=bc650c75-d11a-4b8e-9cb8-b505335a5d95> | N/A |
| **MS11-089 KB2596785** | N/A | N/A | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28512> | N/A |
| **MS12-004 KB2598479** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28621> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=13302bb8-e02d-4453-87dc-c2350c4a8a56> | N/A |
| **MS12-004 KB2631813** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28687> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=5ed104d6-bcbd-42df-bea3-9d79c1f67516> | N/A |
| **MS12-005 KB2584146** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=28611> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=56b2ce05-c7b8-4c02-8093-833ffb1166ea> | N/A |
| **MS12-017 KB2647170 (Domain Controller Only)** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29147> | N/A | N/A | N/A |
| **MS12-020 KB2621440** | <http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=29134> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=6616ac60-d0df-4e7e-afc8-99e7f201a638> | N/A |
| **MS12-027 KB2598041** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29372> | N/A |
| **MS12-030 KB2597161** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=29798> | N/A |
| **MS12-030 KB2597969** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29772> | N/A |
| **MS12-034 KB2596672** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=29730> | N/A |
| **MS12-034 KB2596792** | N/A | N/A | [www.microsoft.com/en-us/download/details.aspx?id=29753](http://www.microsoft.com/en-us/download/details.aspx?id=29753) | N/A |
| **MS12-036 KB2685939** | <http://www.microsoft.com/en-us/download/details.aspx?id=30018> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=78d6bd61-50c5-43d3-ace6-1cd82c8e4a6b> | N/A |
| **MS12-053 KB2723135** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=b3a7222c-310e-44b5-9242-c2b378e76f26> | N/A |
| **MS12-054 KB2705219** | <http://www.microsoft.com/en-us/download/details.aspx?id=30482> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=aeb95635-30b8-4316-ac16-f4be037320a4> | N/A |
| **MS12-054 KB2712808** | <http://www.microsoft.com/en-us/download/details.aspx?id=30518> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a506f3f3-d548-4093-8870-e2cb364d02f6> | N/A |
| **MS12-057 KB2596615** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30614> | N/A |
| **MS12-057 KB2596754** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30633> | N/A |
| **MS12-060 KB2687441** | N/A | N/A | <http://www.microsoft.com/en-in/download/details.aspx?id=30619> | N/A |
| **MS12-076 KB2687307** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=35710> | N/A |
| **MS12-082** [**KB2770660**](http://support.microsoft.com/kb/2770660) | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e95ac676-b6b8-42f6-8046-30f19d116040> | N/A |
| **MS13-062 KB2849470** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=0fd35735-82e1-4006-87b7-1a3e596d0f8d> | N/A |
| **MS13-081****KB2862330** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=55040924-38b1-49fb-b93e-95293da6b2d5> | N/A |
| **MS13-081****KB2862335** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=afde3eb0-1773-4bbb-9f31-977dc19bcaca> | N/A |
| **MS13-081****KB2868038** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=a13ead5b-d2fe-482d-8bbd-a85fc2e19e99> | N/A |
| **MS13-081****KB2884256** | N/A | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=e82a6c5c-60a2-495d-befe-51e9c80522b6> | N/A |
| **MS14-066****KB2992611** | <https://www.microsoft.com/en-us/download/details.aspx?id=44649> | MS14-066 KB2992611\* - see note below table | MS14-066 KB2992611\* - see note below table | N/A |
| **2007 Microsoft Office Suite SP3 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27838> | N/A |
| **Service Pack 3 for Office Language Pack 2007 KB2526086** | N/A | N/A | <http://www.microsoft.com/en-us/download/details.aspx?id=27829> | N/A |
| **Reboot after Office update** | N/A | N/A | **Reboot Required** | N/A |
| **MS14-068 KB3011780** | <https://www.microsoft.com/en-us/download/details.aspx?id=44960> | N/A | N/A | N/A |
| **MS17-010****KB4012598** | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=fdb0df5f-8994-4e43-a37b-82544a1eff68> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | <http://catalog.update.microsoft.com/v7/site/ScopedViewInline.aspx?updateid=9e189800-f354-4dc8-8170-7bd0ad7ca09a> | N/A |
| **MS17-013 KB4012583** | <https://www.microsoft.com/en-us/download/details.aspx?id=55421> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | <https://www.microsoft.com/en-us/download/details.aspx?id=55460> | N/A |
| **CVE-2017-0176 KB4022747** | <https://www.microsoft.com/en-us/download/details.aspx?id=55463> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | <https://www.microsoft.com/en-us/download/details.aspx?id=55465> | N/A |
| **CVE-2017-0222 IE8****KB4018271** | N/A | N/A | <https://www.microsoft.com/en-us/download/details.aspx?id=55474> | N/A |
| **CVE-2017-0267 to 0280****KB4018466** | <https://www.microsoft.com/en-us/download/details.aspx?id=55456> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | <https://www.microsoft.com/en-us/download/details.aspx?id=55437> | N/A |
| **CVE-2017-7269 KB3197835** | <https://www.microsoft.com/en-us/download/details.aspx?id=55422> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | <https://www.microsoft.com/en-us/download/details.aspx?id=55425> | N/A |
| **CVE-2017-8461 KB4024323** | <https://www.microsoft.com/en-us/download/details.aspx?id=55424> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | <https://www.microsoft.com/en-us/download/details.aspx?id=55429> | N/A |
| **CVE-2017-8487 KB4025218** | <https://www.microsoft.com/en-us/download/details.aspx?id=55445> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | <https://www.microsoft.com/en-us/download/details.aspx?id=55469> | N/A |
| **CVE-2017-8543 KB4024402** | <https://www.microsoft.com/en-us/download/details.aspx?id=55428> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | <https://www.microsoft.com/en-us/download/details.aspx?id=55439> | N/A |
| **CVE-2017-8552 KB4019204** | <https://www.microsoft.com/en-us/download/details.aspx?id=55454> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | <https://www.microsoft.com/en-us/download/details.aspx?id=55452> | N/A |
| **Reboot after installing security updates** | **Reboot Required** | **Reboot Required** | **Reboot Required** | N/A |

\* Microsoft XP SP3 Extended Support Patch – Only available to U.S. PSC contract or warranty customers. Contact GE Field Engineer for availability details.

Definition

|  |  |
| --- | --- |
| Centricity Cardiology INW Server | A powerful server responsible to manage communication between critical cath and EP Lab acute care recording devices. It also functions as a centralized storage server for the clinical waveforms. |
| Mac-Lab, CardioLab, SpecialsLab and ComboLab | Hemodynamic and Electrophysiology Recording Systems and Workstations |
| Current Vulnerability | A critical Microsoft Operating System flaw revealed by Microsoft that exists on the product. The flaw has a corrective patch distributed by Microsoft that Engineering is in the process of validating. |
| Validated Security Patches | A critical Microsoft security patch that Engineering has validated on the product. The security patch can be installed following the provided directions. |

Contact Information

If you have any additional questions, please contact our Technical Support Department.

**Notes:**

**Support for version 6.5.6/6.8/6.8.1**

As of June 2014, all Mac-Lab/CardioLab/ComboLab/INW Server systems at version 6.5.6/6.8/6.8.1 will no longer have new security patches qualified.

As of July 2017, the patches for 6.5.6, 6.8, and 6.8.1 have been updated to support installation of recent patches to Windows XP, Windows Vista, and Windows Server 2003. For the 6.8 Software-Only System (Vista), this requires installation of Windows Vista SP2. This service pack has been added to the list of security patches. Additional security patches that were previously qualified on Windows Server 2003, Windows XP, or Windows Vista have also been qualified for installation on 6.5.6, 6.8, and 6.8.1.

**Microsoft Office Security Patch Support**

Currently qualified Microsoft Office 2007 SP2 security patches are eligible for MLCL 6.5.6/6.8/6.8.1 Software Only Systems. Office Language Pack 2007 SP3 (<http://support.microsoft.com/kb/2526086>) is a pre-requisite for the installation of Microsoft Office 2007 SP3 security patches on MLCL v6.5.6/6.8/6.8.1 Software Only Systems.

**Support for version 6.5.3/6.5.4**

As of October 2010, all Mac-Lab/CardioLab/ComboLab/INW Server systems at version 6.5.3/6.5.4 will no longer have new security patches qualified.

As of July 2017, the patches for 6.5.3 and 6.5.4 have been updated to support installation of recent patches to Windows XP and Windows Server 2003. For the 6.5.3 INW Server, this requires installation of Windows Server 2003 SP2. For the Acquisition, GE Review, or Software Only System (XP), this requires installation of Windows XP SP3. These service packs have been added to the list of security patches. Additional security patches that were previously qualified on either Windows Server 2003 or Windows XP have also been qualified for installation on 6.5.3 and 6.5.4.

**Support for Windows NT**

Microsoft no longer provides security patches or support for the Windows NT Operating System. There will be no new security patches for the Mac-Lab/CardioLab 7000/4000/2000 5.x systems.