Topic: **Eon e100 XPe Update: Microsoft Security Update – January 2006**
Component(s) Affected: **Eon e100 I/Port, XPe**
Date: **February 22, 2006**

OVERVIEW / ENVIRONMENT

ClearCube has provided a new I/Port update file to improve security on the Eon e100 I/Port running the Microsoft XPe operating system. This update comprises the following Microsoft Security Updates:

- MS06-001
- MS06-002

as they apply to Eon e100 XPe I/Port devices.

Microsoft Security Updates MS06-001 and MS06-002 are rated by Microsoft as critical updates.

This update package should be considered a critical update. It is available on the ClearCube Technology Support website as `E100_XPe_January_2006_Hotfix_Snap-in.zip`.

Note: This update applies to the Eon e100 I/Port only. Do not attempt to install this on other devices. ezRemote Manager software is required to install this snap-in. For a summary of Microsoft security updates for I8800 I/Ports, please see *Technical Bulletin TB0096JS, Summary of I8800 I/Port Security Updates*.

DETAILED DESCRIPTION

This vulnerability is addressed in MS06-001:

http://www.microsoft.com/technet/security/bulletin/MS06-001.mspx

http://www.cve.mitre.org/cgi-bin/cvename.cgi?name=CAN-2005-4560 — A remote code execution vulnerability exists in the Graphics Rendering Engine because of the way that it handles Windows Metafile (WMF) images. An attacker could exploit the vulnerability by constructing a specially crafted WMF image that could allow remote code execution if a user visited a malicious Web site or opened a specially crafted attachment in e-mail. If a user is logged on with administrative user rights, an attacker who successfully exploited this vulnerability could take complete control of an affected system.

This vulnerability is addressed in MS06-002:

http://www.microsoft.com/technet/security/bulletin/MS06-002.mspx

http://www.cve.mitre.org/cgi-bin/cvename.cgi?name=CAN-2006-0010

http://www.kb.cert.org/vuls/id/915930 — A remote code execution vulnerability exists in Windows because of the way that it handles malformed embedded Web fonts. An attacker could exploit this vulnerability by constructing a malicious embedded Web font that could potentially allow remote code execution if a user visited a malicious Web site or viewed a specially crafted e-mail message. An attacker who successfully exploited this vulnerability could take complete control of an affected system.

RESOLUTION

To reduce the threat of these vulnerabilities, install this security update. This update is provided in a zipped file containing this Technical Bulletin and the updater install wizard. The updater install wizard is an executable file that installs the update package into the ezRemote Manager update folder.

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To install this update with ezRemote Manager, do the following:

1. Download the patch file, which contains the update install wizard and this Technical Bulletin, and unzip it.
2. Load the install wizard file onto a Mass Storage Device (MSD) such as a key drive.
3. Copy the file to the ezRemote Manager console, and run the install wizard. It installs the necessary update files into the `\\Neoware\XPE\Snapins\` directory, in a folder identified by the month and year of the update.
4. Start ezRemote Manager.
5. From the list of discovered XPe Eon e100s, select the units to be updated.
6. Click the **Snapins** button in the top menu bar.
7. Browse to the update directory and select the `Install.2do` file. Click **OK**.
8. Click **OK** again to install the security update.

Note: Security updates must be installed in chronological order. For a summary of Microsoft security updates for e100 XPe I/Ports, please see *Technical Bulletin TB0159, Summary of Eon e100 XPe Security Updates*. For a summary of Microsoft security updates for I8800 I/Ports, please see Technical Bulletin TB0096, *Summary of I8800 I/Port Security Updates*.

For summaries of other I/Port updates, please see Technical Bulletin TB0161, *Cumulative List of Updates for Eon e100* and Technical Bulletin TB0162, *Cumulative List of Updates for I8800 I/Ports*.

For more information, please contact ClearCube technical support.

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