

**Topic:** Summary of Eon e100 XPe Security Updates  
**Component(s) Affected:** Eon e100 I/Port, XPe  
**Date:** August 23, 2005  
**Update Date:** February 23, 2006

## OVERVIEW / ENVIRONMENT

Several new I/Port update files have been developed to improve security on the Eon e100 I/Port running the XPe operating system. These updates comprise the latest Microsoft Security Updates for Windows XPe that apply to Eon e100 I/Port devices. The contents of each update can be referenced by its MS update number (e.g., MS05-025) on the Microsoft website at <http://www.microsoft.com/technet/security/default.msp>.

This Technical Bulletin lists those updates and provides general instructions for their installation. Users can download these updates from the ClearCube support website at <http://support.clearcube.com/>. The Technical Bulletins listed for each update provide more detailed information about the Security Updates as applicable to I/Ports. This Technical Bulletin is updated as new Security Updates are released.

The mapping between Microsoft security updates, ClearCube Technical Bulletins, and the update files provided with those Technical Bulletins is as follows:

MS Security Update	Tech Bulletin	Update Filename
MS05-025 (June 2005)	TB0152	E100_XPe_June_2005_Hotfix_Snap-in.zip
MS05-026 (June 2005)		
MS05-028 (June 2005)		
MS05-032 (June 2005)		
MS05-039 (August 2005)	TB0153	E100_XPe_August_2005_Hotfix_Snap-in.zip
MS05-045 (October 2005)	TB0172	E100_XPe_October_2005_Hotfix_Snap-in.zip
MS05-046 (October 2005)		
MS05-047 (October 2005)		
MS05-048 (October 2005)		
MS05-049 (October 2005)		
MS05-050 (October 2005)		
MS05-051 (October 2005)		
MS05-052 (October 2005)		
MS05-053 (November 2005)	TB0190	E100_XPe_November_2005_Hotfix_Snap-in.zip
MS05-054 (December 2005)	TB0191	E100_XPe_December_2005_Hotfix_Snap-in.zip

MS Security Update	Tech Bulletin	Update Filename
MS06-001 (January 2006)	TB0192	E100_XPe_January_2006_Hotfix_Snap-in.zip
MS06-002 (January 2006)		
MS06-005 (February 2006)	TB0193	E100_XPe_February_2006_Hotfix_Snap-in.zip
MS06-007 (February 2006)		

**Note:** These updates apply to the Eon e100 XPe I/Port only. Do not attempt to install them on other devices.

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*.

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## DETAILED DESCRIPTION

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This information is gathered from the following sources:

- **Microsoft Corporation** — Microsoft develops and distributes security updates for its software products. Updates listed in this Technical Bulletin are prepared from those updates specifically for ClearCube I8800 I/Ports running Windows XP Embedded and Windows applications.
- **Common Vulnerabilities and Exposures (CVE)** — CVE is a list of standardized names for vulnerabilities and other information about security exposures. The CVE Web site is hosted by the MITRE Corporation (<http://www.cve.mitre.org/about/>), and funded by the U.S. Department of Homeland Security (<http://www.dhs.gov/>). CVE aims to standardize the names for all publicly known vulnerabilities and security exposures.
- **United States Computer Emergency Readiness Team (US-CERT)** — US-CERT is part of the Department of Homeland Security. The CERT Coordination Center (CERT/CC) has become a major reporting center for incidents and vulnerabilities since its inception in 1988. The US-CERT Vulnerability Notes Database contains descriptions of vulnerabilities, their impacts, and solutions. The Vulnerability Notes Database is fully indexed and CVE compliant.

Microsoft describes its ratings for security updates as follows:

- **Critical** — A vulnerability whose exploitation could allow the propagation of an Internet worm without user action.
- **Important** — A vulnerability whose exploitation could result in compromise of the confidentiality, integrity, or availability of users data, or of the integrity or availability of processing resources.
- **Moderate** — Exploitability is mitigated to a significant degree by factors such as default configuration, auditing, or difficulty of exploitation.
- **Low** — A vulnerability whose exploitation is extremely difficult, or whose impact is minimal. (source: <http://www.microsoft.com/technet/security/bulletin/rating.mspx>)

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## RESOLUTION

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To lessen the exposure to the listed vulnerabilities, system administrators need to install the I/Port security updates that ClearCube has provided. Each update is provided in a zipped file containing a Technical Bulletin describing the update, and the update file itself. Because update files may be provided in more than one format or may have special instructions, it is important to read the Technical Bulletin before installing the update.



To install a security update, you need ezRemote Manager installed on a console system and the update install file loaded on the same system. Detailed installation instructions are contained in the accompanying Technical Bulletin. Security updates for the Eon e100XPe I/Port are identified according to Microsoft's month of release. Security updates must be installed in chronological order.

For more information, please contact ClearCube technical support.

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