

**Topic:** 18800 I/Ports Require WMI Update for Grid Center 4.1  
**Component(s) Affected:** 18800 I/Port, Grid Center 4.1  
**Date:** January 27, 2005

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## OVERVIEW / ENVIRONMENT

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The I8800 I/Port was designed as an appliance for communication between a PC Blade and the user. One design consideration was to present a seamless interface to the user, while allowing the capability to remotely deploy I/Port updates.

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## DETAILED DESCRIPTION

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Grid Center 4.1 requires additional Windows Management Instrumentation (WMI) functionality to be able to properly communicate with I8800 I/Ports. This functionality can be easily added by applying an update file available from ClearCube Technology. This update is available on the ClearCube support website at <http://support.clearcube.com/>.

I8800 I/Ports can be updated either locally with the update provided on a USB mass storage device such as a flash key drive, or remotely by using Grid Center.

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## RESOLUTION

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Use the following procedures to update your I8800 I/Port.

**Note:** These instructions apply to the I8800 I/Port only. Do not attempt them on any other I/Port model. This update works only with version 1759 of the I8800 I/Port. If used on any other version, the updater will safely load but will not add the functionality necessary for Grid Center 4.1.

Download the update from <http://support.clearcube.com/>. The file name is `WMI-UPDATE.zip` and is located in the **Hardware Downloads** section. This .zip file contains the following:

- `UpdateGC1759b.bat`—the batch file that installs the update
- `I/PORT-CLIENT.zip`—the file containing the system files being updated
- `TB0084.PDF`—this Technical Bulletin

This download contains files that apply to both update procedures. Unzip the `WMI-UPDATE.zip` file but do not unzip the `I/PORT-CLIENT.zip` file.

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## TO APPLY THE UPDATE LOCALLY:

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1. Copy the `UpdateGC1759b.bat` and `I/PORT-CLIENT.zip` files onto a USB mass storage device. The most convenient device is a USB flash key drive.
2. At the I/Port, verify the I/Port version by selecting **Start → About**. The version should be 1759 or 1759B. If the version is 1759B, the I/Port has already been updated. If it is 1759, continue with this procedure. If it is any other version, contact ClearCube technical support.
3. At the I/Port, log in as administrator. Press and hold the Shift key and select **Logoff** from the Start menu. Keep the Shift key depressed until the Administrator Login dialog box is displayed. The factory

default Administrator account is `administrator` and the default password is `clearcube`. These can be changed in the User Accounts control panel.

4. Turn off the Write Filter by double-clicking the **Write Filter Disable** icon on the desktop. The Write Filter is a special mechanism that prevents unauthorized writes to the I/Port's flash memory. The Write Filter status is always displayed in the toolbar by a green circle for Write Filter Enabled (flash memory cannot be written), or by a red circle for Write Filter Disabled (flash memory can be written).

5. Insert the USB storage device into an available USB port.

6. Copy the `UpdateGC1759b.bat` and `I/PORT-CLIENT.zip` files to `C:\`.

7. Double-click the `UpdateGC1759b.bat` file. The update installs automatically and reboots the I/Port.

**Note:** Do not press any keys during the update. Allow it to run undisturbed.

8. When the I/Port finishes rebooting, log in as Administrator again and verify the version number with the procedure in Step 2. It should be 1759B. If this is the version, the upgrade was successful. If the version is anything else or cannot be read, contact ClearCube technical support.

9. Delete the `UpdateGC1759b.bat` file from `C:\` and double-click the Enable Write Filter icon to re-enable the Write Filter.

10. When the Write Filter has been re-enabled (a green circle is displayed in the tool bar), log out from the Administrator account.

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## TO APPLY THE UPDATE REMOTELY USING GRID CENTER:

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1. Unzip the `WMI-UPDATE.zip` file.

2. Copy the `UpdateGC1759b.bat` and `I/PORT-CLIENT.zip` files to the `C:\Program Files\ClearCube Management Suite\DCI\I/PORTMGR` directory (or to the `I/PORTMGR` directory according to your Grid Center installation).

3. Start Grid Center (if it is not already running).

4. From the Update View, select an individual I/Port or an I/Port Group to update.

5. In the I/Port Update View dialog box, enter `I/PORT-CLIENT.zip`, the name of the Update file, including the `.zip` suffix (you can browse for this file).

6. Enter `UpdateGC1759b.bat`, the name of the Answer file, including the `.bat` suffix (you can browse for this file).

7. Press the **Update** button.

8. A dialog box confirming the successful update is displayed when the update is complete. If any I/Ports did not update successfully, a dialog box containing the names of these I/Port is displayed. Write these names down and deploy the update to these I/Ports individually.

9. Verify the successful updating of each I/Port locally by selecting **Start → About** from the I/Port desktop. The version number should be 1759B. If an I/Port cannot be successfully updated via Grid Center, attempt to update the I/Port locally (using the first procedure) before contacting ClearCube technical support.

For more information, please contact ClearCube technical support.

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