



Upgrading Cyberlogic Software to Version 7

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UPGRADING CYBERLOGIC SOFTWARE TO VERSION 7

Version 7 of Cyberlogic's DHX and MBX Suites includes many new features, is easier to configure and use, and is compatible with the latest operating systems. For these reasons, Cyberlogic strongly encourages all users to upgrade to the latest version.

There are three steps to upgrading the software.

1. Obtain a license for version 7. Contact Cyberlogic's Sales Department by calling 248-631-2200 or emailing sales@cyberlogic.com for information on pricing. An upgrade discount may be available.
2. Install version 7, a very simple process that is largely automated by the Installation Wizard.
3. You may need to make some adjustments to the configuration of your drivers or OPC products. This document explains what steps are needed and how to perform them.

Preparation and Software Installation

1. If you are upgrading an OPC Server product, make a backup copy of the OPC Server configuration file. It is not necessary to make copies of driver or bridge configurations.
2. Stop all applications that use the Cyberlogic OPC Server or Cyberlogic drivers.
3. Do not uninstall the earlier version of the software.
4. Obtain a version 7.0 copy of the Cyberlogic software product you wish to upgrade. All of our products can be downloaded from our website at www.cyberlogic.com. Please contact our Sales Department (sales@cyberlogic.com) to obtain a copy on DVD.
5. Start the software installation, and follow the prompts to select and install the desired products. Following the installation, reboot the system when prompted.

OPC Server Configuration Import

If you are not upgrading an OPC Server product, you can skip this section.

If you do have an OPC Server to upgrade, the older OPC Server configuration files cannot be used directly by the version 7 software. However, they can easily be imported using the following procedure.

1. Open the OPC Server configuration editor and create a new, empty configuration database.
2. From the **File** menu, select **Import** and then **Full...**

3. You will get a warning about data being overwritten; click **Yes** to continue.
4. When asked for the file type to be imported, select **Cyberlogic OPC Server.mdb**. You will then be allowed to browse for the earlier version's configuration file that you want to import.
5. Follow the prompts through the rest of the Import Wizard. After the import is complete, be sure to click the **Save and update the server** toolbar button.

OPC Server ProgID Modification

Your OPC client application uses a ProgID to specify the server it will communicate with. Depending on your configuration, the ProgID may change after the upgrade.

Note The examples below use version-independent ProgIDs. Cyberlogic recommends using the version-independent ProgIDs, to avoid having to change the client configuration whenever there is a version change.

If you wish to use the version-dependent ProgIDs, they are **Cyberlogic.OPCServerDA.7** and **Cyberlogic.OPCServerAE.7**.

Version 5 MBX OPC Server

In version 5, the MBX OPC Server used a different main OPC server component than the rest of the Cyberlogic OPC servers. If you are upgrading a version 5 MBX OPC Server, the ProgID for the DA and AE servers have changed. Your OPC client configuration must be modified to reflect these changes.

- OPC DA client application configurations must be modified to change the ProgID from **Cyberlogic.MBX_OPCTServer.5** to **Cyberlogic.OPCTServerDA**.
- OPC AE client application configurations must be modified to change the ProgID from **Cyberlogic.MBX_OPCTEventServer.5** to **Cyberlogic.OPCTServerAE**.

Version 5 DHX OPC Server

The version 5 DHX OPC Server used the same version-independent ProgID as is used in version 7. Therefore, if your client is configured to use the version-independent ProgID, no change is needed.

If your client currently uses the version-dependent ProgID, it must be updated as shown below.

- OPC DA client application configurations must be modified to change the ProgID from **Cyberlogic.OPCTServerDA.5** to **Cyberlogic.OPCTServerDA**.
- OPC AE client application configurations must be modified to change the ProgID from **Cyberlogic.OPCTServerAE.5** to **Cyberlogic.OPCTServerAE**.

All Version 6 Cyberlogic OPC Servers

The version 6 DHX and MBX OPC Servers used the same version-independent ProgID as is used in version 7. Therefore, if your client is configured to use the version-independent ProgID, no change is needed.

If your client uses the version-dependent ProgID, it will also work with version 7, because the version 7 software will respond to both the version 6 and version 7 ProgIDs. Therefore, again, no change is needed. As noted above, however, you should consider using the version-independent ProgID when you make the change.

Driver Configuration

All Cyberlogic software suites include a set of device drivers, so you should review this section to see how it applies to you.

Upgrading Version 5 Drivers

Version 5 products included either the Remote DHX Driver or the Remote MBX Driver, but these have since been replaced with the DHX Gateway Driver and MBX Gateway Driver. The configuration of the Remote Driver cannot be imported to the Gateway Driver, so if your systems use a Remote Driver, you must configure the Gateway Driver manually. Note that you must do this on all of the affected systems. That is, each system that was configured as a Remote DHX client or server, or as a Remote MBX client or server must now have the new Gateway driver installed and configured.

The remaining drivers—DHX Driver, Ethernet DHX Driver, Serial DHX Driver, Virtual DHX Driver, MBX Driver, Ethernet MBX Driver, Serial MBX Driver and Virtual MBX Driver—do not require any configuration changes or imports.

Upgrading Version 6 Drivers

The configuration of all version 6 drivers—DHX Driver, Ethernet DHX Driver, Serial DHX Driver, Virtual DHX Driver, DHX Gateway Driver, MBX Driver, Ethernet MBX Driver, Serial MBX Driver, Virtual MBX Driver and MBX Gateway Driver—is compatible with version 7 and does not require any configuration changes or imports.

Activation

Your system will now be running in the two-week evaluation mode. To maintain continuous operation, you must activate the software within those two weeks by using the following procedure.

1. Locate your version 7 product serial number and password, which you received from Cyberlogic when you purchased the software license.
2. Open the Windows **Start** menu, go to **Programs** and then navigate to the folder for the Cyberlogic software suite product that you have installed.

3. Select **Activation** to open the Activation Wizard.
4. Select the product you wish to activate and follow the prompts. Refer to the help file for a detailed explanation of the various activation methods.