



Hyper Historian - Upgrading from TrendWorX64 to Hyper Historian



APPLICATION NOTE

August 2016

Description: Guide to converting and transferring a TrendWorX64 Logger configuration and its data to Hyper Historian using ConverterWorX.

General Requirement: Basic knowledge of TrendWorX64 Logger, Hyper Historian and SQL Server.

Introduction

This application note will guide you through converting a TrendWorX64 Logger configuration to Hyper Historian and transfer the data from SQL Server into Hyper Historian HHD files.

When ConverterWorX converts a configuration or transfers data, the login you use has to have proper read/write permission to the source and target databases. Plus, the user account you use to run ConverterWorX also has to have read/write permission to the directory where you want to store output files.

Converting Configuration

1. Launch **ConverterWorX**.
2. Click on **TrendWorX64 Logger to Hyper Historian Configuration**.
3. Note there will be a CPMF file created after conversion is done. This called a "point map file". This file gives ConverterWorX the essential data-to-tag matching for the data transfer step. Without this point map file, ConverterWorX will not be able to migrate data natively. Please see next section for more details on transferring your data.
4. On the **Properties** tab, fill in all the information. Whatever login you use, make sure the account has full access to the target database.

NOTE: The host name will be the name of the machine where SQL is located. SQL Server Instance Name is expected to be the full instance name, such as: ServerName\InstanceName.

5. Check **Make Active** at the bottom, if desired.
6. Click on **Import** to start the process.

Transferring Data

Depending on whether you used ConverterWorX to convert your configuration we will either need to use ConverterWorX or MergeWorX to transfer the data.

ConverterWorX using CPMF File

If you have a CPMF file created from the previous section you only need ConverterWorX to migrate your data.

1. In ConverterWorX, click on **File** tab on the ribbon and then select **TrendWorX64 Logger to Hyper Historian Data**.
2. On the **Properties** tab, fill in the information for TrendWorX64 Logged Data.
3. You can leave the rest as is if you already used ConverterWorX to convert you TrendWorX64 Logger configuration to Hyper Historian using the steps in the previous section.
4. Click on **Transfer** to migrate the data.

MergeWorX

If you didn't use ConverterWorX to convert your TrendWorX64 configuration to Hyper Historian, there will be no CPMF file created so ConverterWorX will not be able to match the data in TrendWorX64 with the tag in Hyper Historian. In this case, we can use MergeWorX to transfer the data.

NOTE: MergeWorX is not included in Hyper Historian Express. You will need a full Hyper Historian installation to take advantage of MergeWorX.

1. In ConverterWorX, check the **Convert Data to CSV** option on the **Properties** tab for data transfer.
2. Click **Transfer**.
3. The data for each tag you have in TrendWorX64 should now be stored into separate CSV files in the output directory. From here you can move the files into the MergeWorX input folder and start using MergeWorX to migrate the data. For more information about using MergeWorX, please refer to the application note entitled, *MergeWorX – Importing Data into Hyper Historian*.