2wcom EncoderTime service

Quick Installation Guide

Introduction

The 2wcom EncoderTime service is a Windows service (Win 2000 and higher), designed as an add-on software to the 2wcom OCTO-IP server.

It will correct the real time clock, the time zone offset information, as well as the daylight saving time setting of all RDS encoders connected to the OCTO-IP server, based on the real time clock of the server, where the EncoderTime service is running on. The EncoderTime service will set the time, the offset, and on changes also the daylight saving time setting once per hour at 30 seconds past the full hour.

Requirements

The 2wcom EncoderTime service needs an own input inside the OCTO-IP server software, so please create a new TCP/IP input with Protocol UECP and Routing via Groups.

Add the "All" group to the groups routing (if you do not have an "All" group created or select a group, to which every encoder on the OCTO output side belongs to).

Select an unused port to listen on and enable this new input.

For a correct reference time, the server with the running 2wcom EncoderTime service needs an accurate time server (SNTP) based time synchronization and needs to be configured to switch between daylight saving time and normal time automatically.

Installation

To install the 2wcom EncoderTime service, simply copy the package to your desired local location. Afterwards you should edit the EncoderTime.INI file, where you need to specify the IP address of the server, where the OCTO-IP is running on (127.0.0.1 is OK if the 2wcom EncoderTime service is running on the same server as OCTO-IP), and the port number of the input you created for the EncoderTime service as described under "Requirements".

Afterwards invoke the executable by putting –*install* behind the name in the command line. Other parameters are *start/stop/uninstall* respectively. To make sure everything is set, you can look under services if the 2wcom EncoderTime service shows up. Then start the service (either via the services panel or via invoking the executable with –*start* in the command line).

Now it is no longer necessary to worry about the correct time and time zone information inside the RDS encoders - 2wcom EncoderTime will do it for you!