

3.2. CANopen Conformance Test Tool

The *CANopen Conformance Test Tool (CCT)* is a software tool, which is created and supported by the *CAN in Automation (CiA)*. It is used by the CiA to certificate CANopen devices. The Windows tool needs a hardware device to get access to the CAN bus and a manufacturer-specific application library called `COTI.dll`.

All CAN ethernet gateways and the CAN USB gateway offered by *Analytica GmbH* can be used by the *CANopen Conformance Test Tool* of the CiA.

To use the *AnaGate CAN USB* with the *CCT* the AnaGate-COTI extension must be copied to the installation path of the *CCT*. The COTI extension files can be found on the AnaGate CD in the path `Tools\COTI`. In addition, the configuration file `Settings.ini` must be customized. The configuration file must also be placed in the installation path of the *CCT*, it can be edited by a standard text editor like *Notepad*.

The following entries are contained in the file `Settings.ini`:

```
[Interface0]
IP=192.168.2.1
Port=0
```

Example 3.1. Settings.ini

IP IP-Address of the used *AnaGate CAN Gateway*.

Default address is `192.168.1.254`, this is the standard network address of all models with Ethernet interface.

For devices of model type *AnaGate CAN USB* the entry `IP=192.168.2.1` has to be used.

Port Used CAN Port of the *AnaGate CAN Gateway*.

For devices of model type *AnaGate CAN USB* the entry `Port=0` has to be used.