Setup

This note tells you how to test your CDOAN-DNP3 software to make sure it operates correctly as both a master and outstation. These instructions ask you run two copies of CDOAN-DNP3 on the same computer and configure them to talk to each other.

Start one copy of CDOAN-DNP3. This will operate as an outstation
- From the *Config* view, select *Configure Sample Outstation*
- Select *OK* from the resulting menu without modifying any of the default settings
- From the *Communication* pull-down menu, select *Outstation*

Start a second copy of CDOAN-DNP3. This will operate as a master
- From the *Config* view, select *Configure Sample Master*
- Select *OK* from the resulting menu without modifying any of the default settings
- From the *Communication* pull-down menu, select *Master*

You should now be communicating.

Introduce Data Changes

What you should be seeing now is basic communication. If you want to generate a point change, then:

- From the copy of CDOAN-DNP operating as a master, select *View* and *Point Data*
- From the copy of CDOAN-DNP operating as an outstation, select the *Outstation* target near the bottom left corner of the window. Enter a value of 1 in any of the binary points shown at the top of the view
- Go back to the copy of CDOAN-DNP operating as a master. You should see your new point state in the point list, possibly with a time stamp
- From either copy of CDOAN-DNP3, select *View* and *Change Events*. You should see a record of the reported DNP3 event