Technical Note

ProSoft®
TECHNOLOGY

A 5201-MNETC-DFNT to PLX31-EIP-MBTCP Configuration Conversion Guide

Document Code: TN 160205-005

Author: Daniel Roslan
Date: February 11, 2016

Asia Pacific

Malaysia Office
Phone: +603.7724.2080
asiapc@prosoft-technology.com
Languages spoken: Chinese, English

China Office
Phone: +86.21.5187.7337
asiapc@prosoft-technology.com
Languages spoken: Chinese, English

Europe, Middle East, Africa

France Office
Phone: +33 (0)5.34.36.87.20
europe@prosoft-technology.com
Languages spoken: French, English

Middle East and Africa
Phone: +971.(0)4.214.6911
mea@prosoft-technology.com
Languages spoken: English, Hindi

North America

Corporate Headquarters
Phone: +1 661.716.5100
support@prosoft-technology.com
Languages spoken: English, Spanish

Latin America

Brazil Office
Phone: +55.11.5083.3776
brasil@prosoft-technology.com
Languages spoken: Portuguese, English

Mexico and Central America Office
Phone: +52.222.3.99.6565
soporte@prosoft-technology.com
Languages spoken: Spanish, English

Regional Office
Phone: +1.281.298.9109
latinam@prosoft-technology.com
Languages spoken: Spanish, English

ASIA PACIFIC | AFRICA | EUROPE | MIDDLE EAST | LATIN AMERICA | NORTH AMERICA

Document Information

Author	Daniel Roslan
Description	Describes how to convert a 5201-MNETC-DFNT .CFG Text File to import into a PLX31-EIP-MBTCP blank template
Date	February 11, 2016
Revision	1.00
Product Name	5201-MNETC-DFNT and PLX31-EIP-MBTCP
Document Code	TN 160205-005

ProSoft Technology
5201 Truxtun Ave., 3rd Floor
Bakersfield, CA 93309
+1 (661) 716-5100
+1 (661) 716-5101 (Fax)
http://www.prosoft-technology.com

Introduction

This document describes how to export an existing configuration from an older ProLinx 5201-MNETC-DFNT and convert it so that it can be imported into a newer ProLinx PLX31-EIP-MBTCP to make it work the same as the older ProLinx Gateway. This document will be helpful to anyone wanting to replace an existing 5201-MNETC-DFNT with the new PLX31-EIP-MBTCP.

Please note that, since the PLX31 gateway is newer than the older 5201 gateway, you will see new parameters in its configuration file that do not exist in the 5201. You may simply leave these at their default values. Also note that there will be differences between parameter names between the two gateways. These differences will be shown in the appropriate sections of this document as we come to them.

What you will need to have on your Personal Computer (PC):

1. ProSoft Configuration Builder, version 4.1.1.1 or higher (do NOT use version 4.4.1.1).
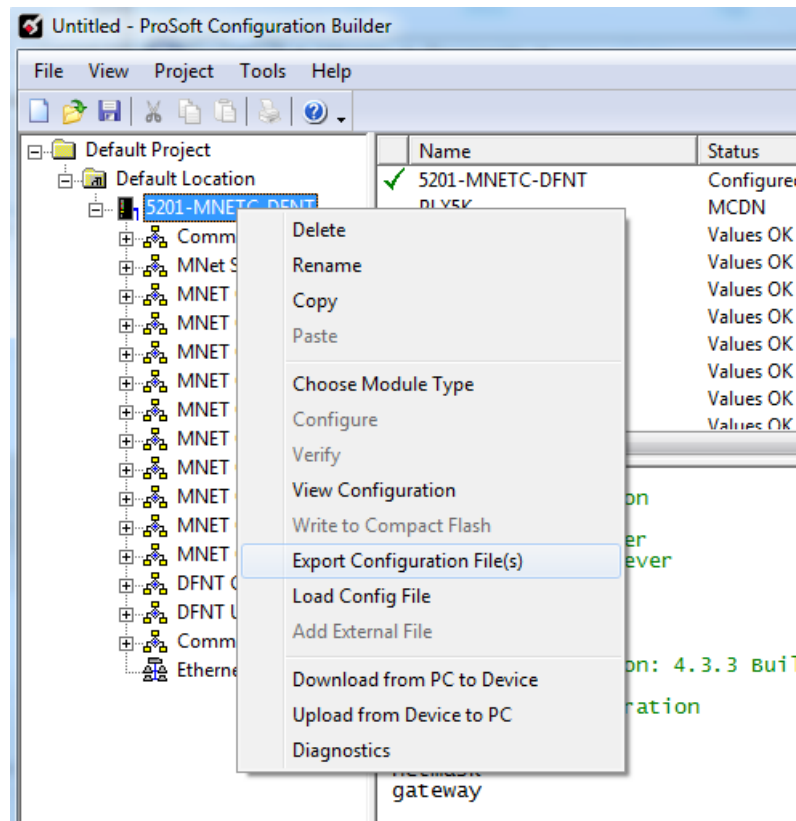2. A simple text editor. (Windows Notepad, notepad ++, etc.)

REMEMBER

Save your work often as you progress. Use the "Save As" option so you can save variations of the file at different stages of the process. That way, if your system crashes at any point in the following procedure, you can start again without having to start from the beginning.

Exporting the configuration file

Open the project the current 5201-MNETC-DFNT module was configured in.

Export the configuration file by right clicking the module to open the shortcut window then select *Export Configuration File(s)*

If you do not have the project file (.PPF) you can upload the configuration file from the original 5201-MNETC-DFNT (Please refer to your user manuals for the 5201-MNETC-DFNT for this process).

Note: A WATTCP.CFG file will also be generated, ignore this for now, we will be using it later.

Modifying the Configuration File

Using a text editor, browse to the location the .cfg files were saved, and open the file with the name you provided when you exported.

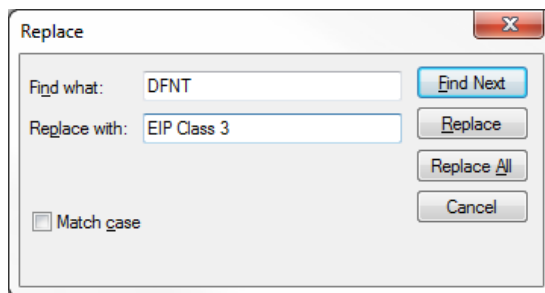*Note: You may need to change the file types displayed from Text Documents to All Files.*

Once opened, change the Module Type field from 5201-MNETC-DFNT to PLX31-EIP-MBTCP.

```
File   Edit   Format   View   Help
# Module Information
# Last Change: Never
# Last Download: Never
# Application Rev:
# OS Rev:
# Loader Rev:
# MAC Address:
# ConfigEdit Version: 4.3.3 Build 22

# ProSoft Technology
[Module]
Module Type : 5201-MNETC-DFNT
Module Name : 5201-MNETC-DFNT


[Module Comment]
# Put Comment Here
```
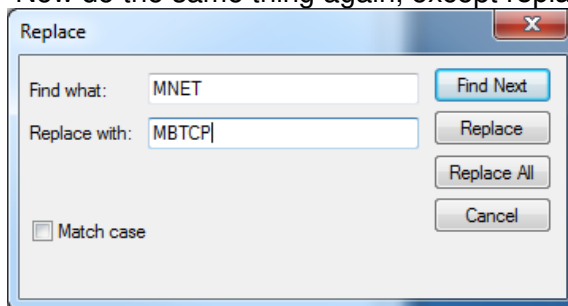
```
File   Edit   Format   View   Help
# Module Information
# Last Change: Never
# Last Download: Never
# Application Rev:
# OS Rev:
# Loader Rev:
# MAC Address:
# ConfigEdit Version: 4.3.3 Build 22

# ProSoft Technology
[Module]
Module Type : PLX31-EIP-MBTCP
Module Name : PLX31-EIP-MBTCP


[Module Comment]
# Put Comment Here
```

Similarly, if the Module Name field is not unique to the project, the module name field should be changed to PLX31-EIP-MBTCP. This field changes the module name displayed in PCB.

Next you'll need to replace all of the "DFNT" text with "EIP Class 3" text. The easiest way to do this is using the find and replace tool found in most text editors.

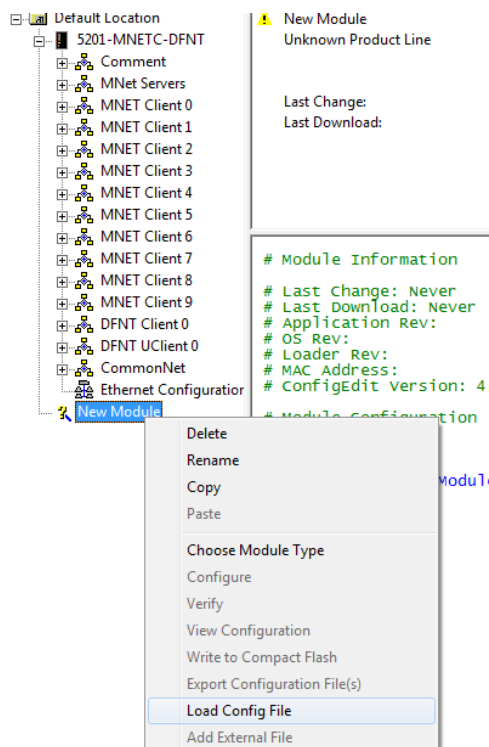Now do the same thing again, except replace all "MNET" text with "MBTCP",

Once this has been completed, save the file in the same directory as the previous file.
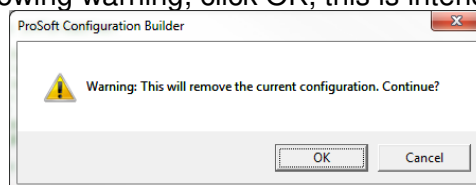
Note: Be sure to change the Save as type to "All Files"

Importing the new configuration

In the Tree View in PCB, right click Default Location and add a new module. If the Choose Module Type window opens, click cancel to close it. Right click the New Module and select Load Config File.
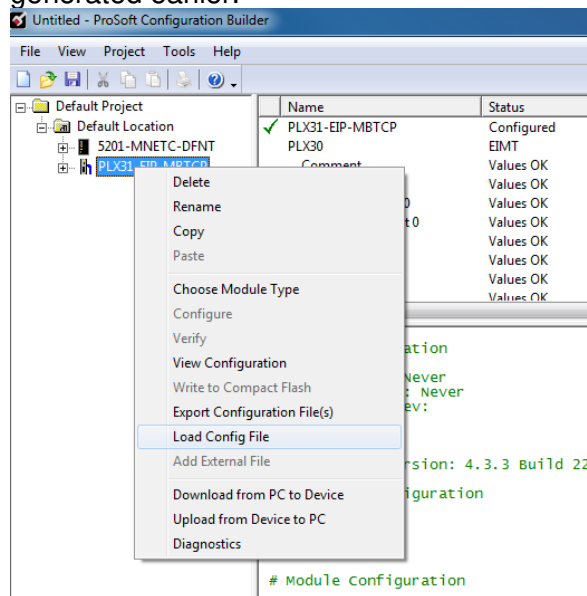

When you get the following warning, click OK, this is intended.

Now, browse to the saved file, select the file and click Open.

You should now have a PLX31-EIP-MBTCP configuration in your tree on the left.

Finally right click this PLX31-EIP-MBTCP and again select Load Config File and click OK to the warning a second time. This time, however, select the WATTCP.cfg that was generated earlier.

And with that, your conversion is complete.

For instructions on how to download this Configuration to your PLX31 gateway, please refer to the PLX3x User Manual.

Please note that additional information on the 5201-MNETC-DFNT and the PLX31-EIP-MBTCP can be found in the respective user manuals, as well as the ProLinx Reference Guide. If you have additional questions please contact your regional Technical Support Center.

Asia Pacific

Malaysia Office

Phone: +603.7724.2080

asiapc@prosoft-technology.com

Languages spoken: Chinese, English

China Office

Phone: +86.21.5187.7337

asiapc@prosoft-technology.com
Languages spoken: Chinese, English

Europe

France Office

Phone: +33 (0)5.34.36.87.20

support.emea@prosoft-technology.com
Languages spoken: French, English

Middle East and Africa

Phone: +971.(0)4.214.6911

mea@prosoft-technology.com

Languages spoken: English, Hindi

North America

California and Wisconsin Offices

Phone: +1 661.716.5100

support@prosoft-technology.com
Languages spoken: English, Spanish

Latin America

Brazil Office

Phone: +55.11.5083.3776

brasil@prosoft-technology.com

Languages spoken: Portuguese, English

Mexico and Central America Office

Phone: +52.222.3.99.6565
soporte@prosoft-technology.com

Languages spoken: Spanish, English

Regional Office

Phone: +1.281.298.9109

latinam@prosoft-technology.com

Languages spoken: Spanish, English