POWER AUTOMATION TECHNOLOGIES

DIGSI-5-QN0011:	DIGSI 5 QUICK NOTES Using Excel to modify settings:

DIGSI 5 'TEA-X' plug-in, allows DIGSI 5 device settings to be imported/exported between DIGSI 5 and Microsoft Excel (2007 SP3 or later).

TEA-X is XML-based data (TEA-X = Totally integrated Energy Automation eXchange).

TEA-X is a feature ideal for:

- Engineers who want human readable settings in an 'open format' to be include in a settings reports.
- Organisations who have a standard design/settings scheme, and want others without DIGSI 5 access to be able to review/update setting values.

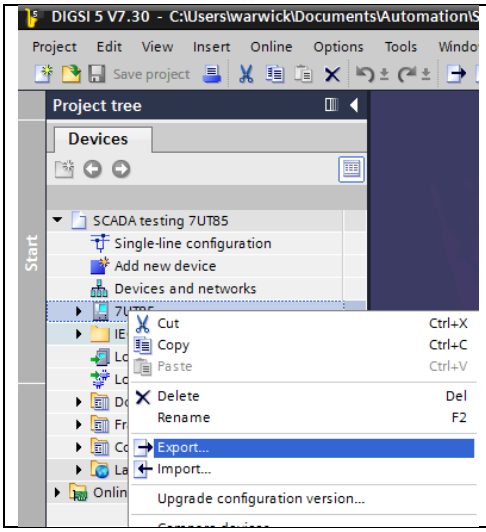
The TEA-X plug-in for Excel can be downloaded from the Siemens website. Please also download the Readme file which provides instruction on installation. Operation instructions are included within the Excel plug-in.

Using the following link, select the Downloads Tab, Software, then the version of DIGSI 5 you are using).
http://w3.siemens.com/smartgrid/global/en/products-systems-solutions/Protection/Engineering-Evaluation-Diagnostic-Software/Pages/DIGSI-5.aspx

Note:

- Only the current setting group is transferred
- The engineering sequence supported is based on the workflow where:
  1) The TEA-X file is exported from a DIGSI 5 project
  2) It is imported into Excel where the settings are viewed/modified
  3) The settings are exported from Excel back into the same TEA-X file (modifying it)
  4) The TEA-X file is imported back into the same DIGIS 5 project, implementing the changes

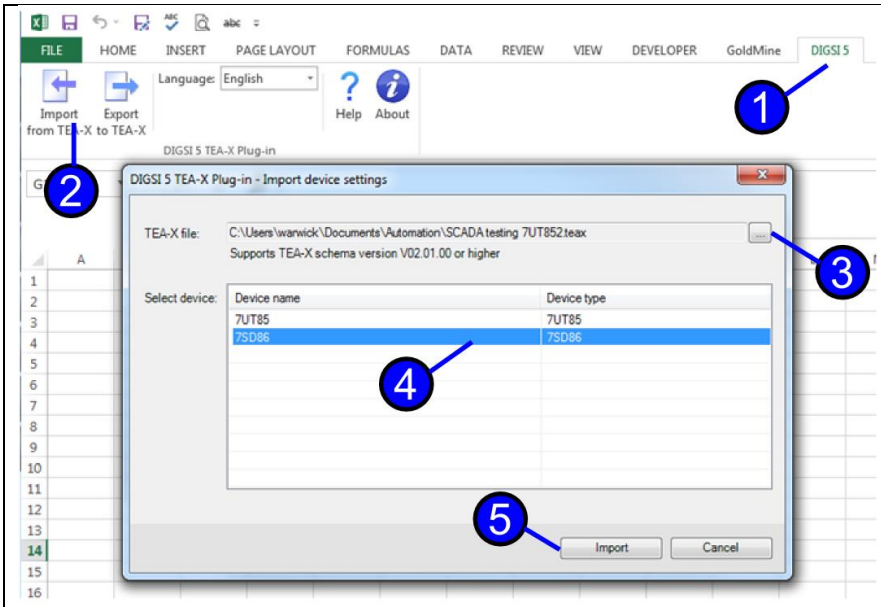
QUICK GUIDE TO: Export TEA-X file from DIGSI 5



1) Select the 'project' if you wish to export settings for all devices, or select the specific 'relay' if you wish to export just those settings
2) Right mouse click and select Export
3) Select TEA-X format and follow prompts

HV Power Measurements & Protection Ltd
Unit 4, 1 Porters Ave, Eden Terrace, Auckland
P O Box 26-074, Epsom, Auckland 1030, New Zealand
Tel: +64-9- 377 2001
Fax: +64-9- 302 2142

QUICK GUIDE TO: Import TEA-X file into Excel



1) Select the TEA-X plug-in
2) Select Import
3) Select the directory where the .teax file is located
4) Select the device from the project to be imported (if there is only one device in the .teax file, this still needs to be selected
5) Import

QUICK GUIDE TO: Export the TEA-X file from Excel

To export the TEA-X information from Excel, it must be exported back into the same TEA-X file it was imported from (thereby updating it).

QUICK GUIDE TO: Import the TEA-X file into DIGSI 5

The TEA-X file should only be imported back into the original device setting file it was created from.

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