

# Script “nslconvertsrmtab”

The script “nslconvertsrmtab” allows the user to convert CSV-based SRM service table to SignalShark XML-based transmitter table.

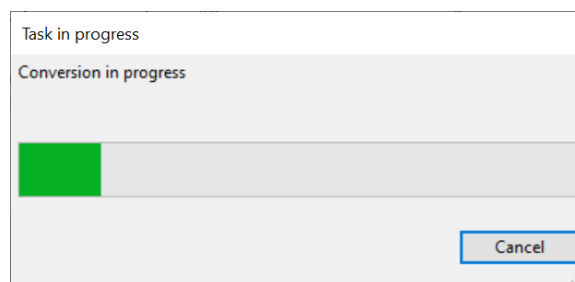
The script is executed through the Narda Script Launcher applications. It prompts the user to select a CSV-based SRM transmitter table. Once the file is selected by the user, its contents are verified to check the presence of transmitter table data. The file is then converted to SignalShark XML format for the transmitter tables, and saved in the parent directory with the same name for the xml file extension.

# Procedure

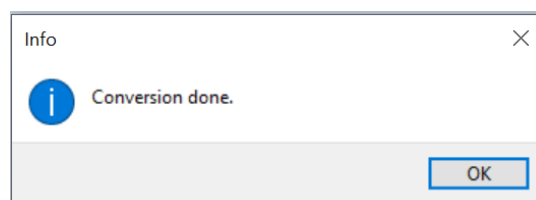
1. To convert this CSV-based SRM transmitter tables into XML format, open the Narda Script Launcher application and select the "nslconverter" tab:



2. Then select the script "Convert SRM Service Table".
3. When the script is executed, the user is asked to select the (.csv) file containing SRM Service Table information. Enter the path to the csv file.
4. Upon file selection, the script converts all the transmitter table entries into the XML file. A progress bar appears on the screen showing the status of file conversion:



5. Once the conversion is done, a pop-up dialog provides the confirmation to the user.



The converted (.xml) file is saved in the same directory as that of the (.csv) file and it derives its name from the parent file.

6. Press "Ok" to terminate script.
7. The resulting .xml file shows the data for each transmitter as separate sub-elements of the node as shown below:

```
<?xml version="1.0" encoding="UTF-16"?>
- <Narda_3300_TransmitterTable>
  - <Info>
    <ShortName size="1" type="string">Ger.GSM-900 DL</ShortName>
    <Comment size="1" type="string">Germany Channels GSM-900 Dow
  </Info>
  - <Data>
    <SortCriterion size="1" type="ENUM_PARAM_TRANSMITTER_TABLE_
    <SortOrder size="1" type="ENUM_PARAM_TRANSMITTER_TABLE_SO
    <NoOfTransmitters size="1" type="ulong">174</NoOfTransmitters>
  </Data>
  - <Tx0001>
    <Name size="1" type="string">E-Plus Ch 975</Name>
    <Fcent size="1" type="double">925200000.0</Fcent>
    <CBW size="1" type="double">200000.0</CBW>
    <ExpectedSignalType size="1" type="string"/>
    <Comment size="1" type="string">RBW: 50000.0</Comment>
    <AnalogAudioDemodType size="1" type="ENUM_PARAM_ANALOG_AUI
  </Tx0001>
  - <Tx0002>
    <Name size="1" type="string">E-Plus Ch 976</Name>
```

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