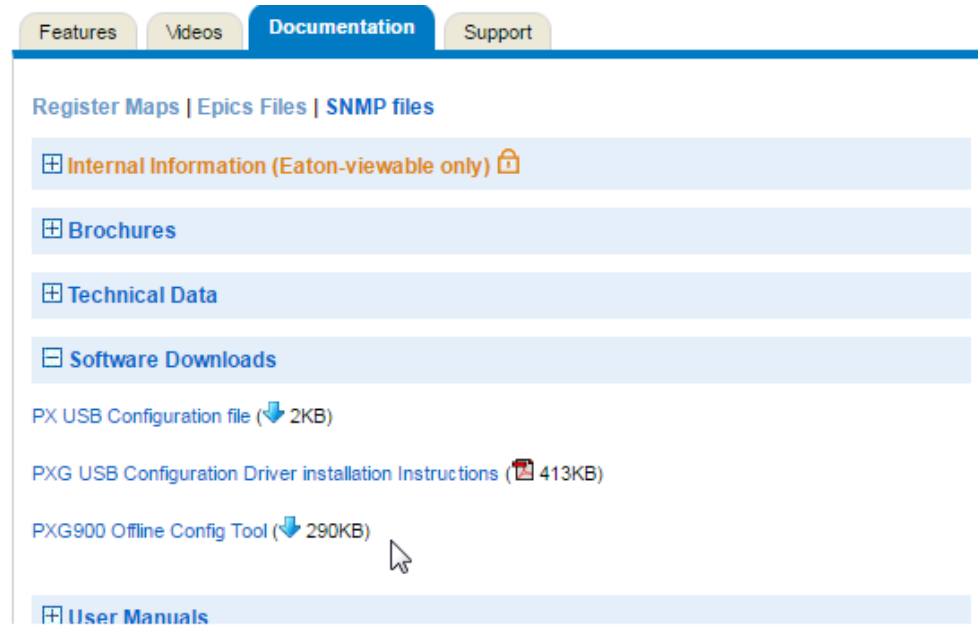


Part 0: Creating PXG XML Configuration File

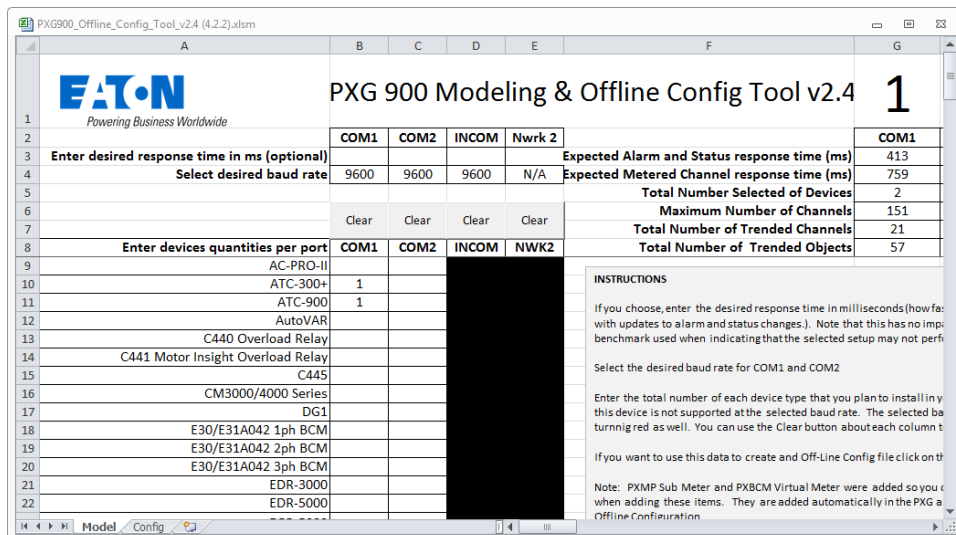
January 3, 2017

1. Locate and open the PXG 900 Modeling and Offline Configuration Tool (Excel file) from the [PXG900 page](#).



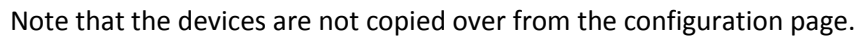
Save this file in any location you find appropriate.

2. Open the file (typically it will be called **PXG900_Offline_Config_Tool_vX.X (X.X.X).xlm** where the "X" is a number that changes based on revision of the program).



3. The content on the "Model" tab is used to calculate update times based on the number of and type of devices connected to the various ports on the PXG. Enter the appropriate bit rate (baud) for each of the 485 COM channels. Then enter the number of devices of each type. The

Once you have a configuration that meet your needs, the next step is to create the XML configuration file to upload to the PXG. Click on the **Config** tab at the bottom of the page



- [illegible]

- Once all the devices have been programmed, press the **Check for errors** button

The screenshot shows the 'Config' tab of the PXG900 Offline Config Tool. The 'Device Configuration' table has the following data:

Device	Name	Port	Address/UID	IP Address	Address of BIM II	Enable Waveform	MB TCP Public ID
Digitrip 1150	Feeder FT-101	INCOM	1			Yes	
ATC-900	1000 kVA Generator	COM1	1				
H-Max	Cooling Fan 1	COM2	1				
H-Max	Cooling Fan 2	COM2	2				
H-Max	Return Air 1st Floor	COM2	3				
H-Max	Return Air 2nd Floor	COM2	3				

Errors are highlighted in red: 'Red cells are required OR Error' and 'Yellow cells are optional' at the top, and the 'Address/UID' values 1, 1, 1, 2, 3, 3 in the table.

Errors are highlighted red. In this example the error is that two devices connected to the same PXG port have been assigned the same (Modbus) address. After fixing the error and pressing the **Check for errors** button again, the red clears.

The screenshot shows the same 'Config' tab, but the errors have been cleared. The 'Device Configuration' table now has the following data:

Device	Name	Port	Address/UID	IP Address	Address of BIM II	Enable Waveform	MB TCP Public ID
Digitrip 1150	Feeder FT-101	INCOM	1			Yes	
ATC-900	1000 kVA Generator	COM1	1				
H-Max	Cooling Fan 1	COM2	1				
H-Max	Cooling Fan 2	COM2	2				
H-Max	Return Air 1st Floor	COM2	3				
H-Max	Return Air 2nd Floor	COM2	4				

The 'Address/UID' values are now 1, 1, 1, 2, 3, 4, with no red highlights.

- Once you have a final validated configuration, press the **Export Config File**. No indication is given that anything happens, but an XML file is stored in the same directory as this Excel spreadsheet.

Name	Date modified	Type	Size
PXG900_Offline_Config.xml	1/3/2017 4:11 PM	XML File	4 KE
~\$PXG900_Offline_Config_Tool_v2.4 (4.2....	1/3/2017 1:29 PM	Microsoft Excel M...	1 KE