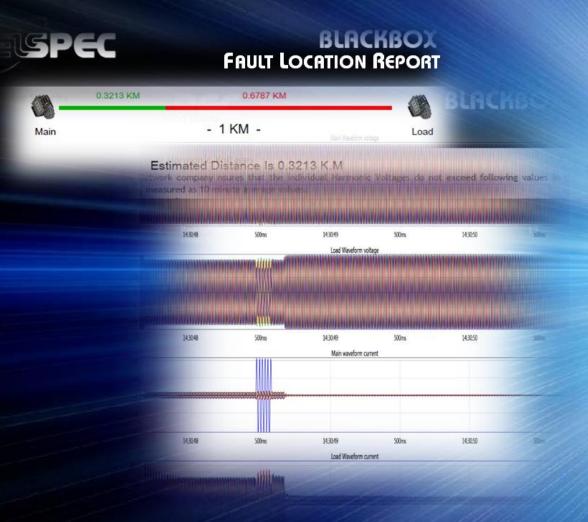
# RELEASE NOTE FAULT LOCATION REPORT V 1.1



Date: 14 June 2012 Document Version: V1.1 SMX-2332-0100



## **TABLE OF CONTENTS**

IMPORTANT NOTIFICATIONS	.3
KNOWN ISSUE	.3
1 STOP DOWNLOAD SHOP	.3
INSTALL THE FAULT LOCATION REPORT	.3



# **Important Notifications**



PQSCADA 4.2 & later versions includes a new Report Package. The Fault Location Report forms part this Report Package & you may install it after you have installed or upgraded to PQSCADA 4.2 & later versions. All tasks related to report tasks, therefore needs to be reconfigured from anew.

## **Known** Issue

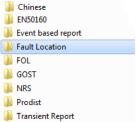
The report does not support daylight savings time.

1 Stop Download Shop

Fault Location Report

Install The Fault Location Report

After you have downloaded the Report Module from Elspec's Website, select the Fault Location Report for installation:



Run the "exe" option in the folder: 

> 🖶 PQS.FaultLocation.1.0.0.4.msi 🚺 setup.exe

The Welcome Screen of the installation guide will now open:



Next > button to commence the installation process Select the



Accept the license agreement at "I Agree" & select the button until you confirm the installation:

PQS.FaultLocation	B PQS.FaultLocation
License Agreement	Confirm Installation
Please take a moment to read the ficense agreement now. If you accept the terms below, click "1 Agree", then "Next". Otherwise click "Cancel".	The installer is ready to install PQS FaultLocation on your computer. Click "Next" to start the installation.
ELSPEC Ltd.	
Fault Location report End-User Agreement	
1. Abstract	
This is a license agreement between the end-user (End-User) and Elspec Ltd. (ELSPEC) concerning the usage of Elspec Fault Location report SOFTWARE (COFTWARE). The End ware is defined as a means the	
⊙ I Do Not Ágree	
Cancel < Back Next>	Cancel < Back Next >

Do not change any of the default settings unless instructed to do so by Elspec software support

Select the select the button in order to complete the installation

### IMPORTANT! CONFIGURE PQ PARAMETERS IN YOUR PQSCADA

In order for the Report to calculate all the applicable parameters, ensure that you have configured the Node in the PQSCADA accordingly

- As per the PQSCADA Help Wizard "F1" procedure, select Components P Node
  Configuration
  Parameters
- Select the applicable Parameters:
  - (a) Cycle By Cycle: Waveform & Crest Factor

Harmonics - Voltage & Current; Active & Reactive

Power - Fundamental & Harmonics

(b) IEC61000-4-30: Harmonics

Aggregation - 10 minutes & 2 hours:

neral Device	e Download Schedule	Parameters	Folders Database			
Cyde by Cyde	IEC61000-4-30		Statistics			
Cycle By Cycle	V IEC61000-4-30	Aggregation:	Enable Statistics			
Waveform and Cre	st Factor 🔲 Current	3 seconds	Frequency Cycle by Cycle			
Frequency	Inter Harmonics	10 minutes + 2	hours			
Harmonics:	Phasors and In	Phasors and Inter Harmonics Angle				
Voltage + Current	Harmonics					
Active + Reactive	Non-Standard Parar	neters				
Power:	Power:					
Fundamental + Har	monics Eurodamental + Ham	nonics				
Harmonics only	Harmonics only					
Fundamental only	Fundamental only					



#### IMPORTANT! UPDATE THE INVESTIGATOR TO PRODUCE THE REPORT

As the PQReports are installed independently, you will need to configure the Investigator Application in order to produce the reports:

- Run the Investigator in Administration Mode:
  - (a) Right-click on the **Investigator Icon** on your desktop **P**select **Properties PCompatibility Tab**;
  - (b) In the Privilege Level select the option Run this program as an Administrator

🔶 ок	→	Apply	b b	uttons:
Clispec Investigate	or		×	
Security	Details	Previous Vers	sions	
General	Shortcut	Compati	bility	
	he settings			
Windows XP (S	ram in compatibility n iervice Pack 3)	node for:		
Settings				
Run in 256 c	olors			
🔲 Run in 640 x	480 screen resolutio	n		
Disable visua	al themes			
Disable desk	top composition			
Disable displ	ay scaling on high DF	l settings		
Privilege Level	jram as an administra	tor		
🕞 Change setti	ngs for all users			
	ОК	Cancel	Apply	

(c) Open the Investigator, select Settings **Polder Polder Polder** Path