# RELEASE NOTE EN50160 PQ REPORT V 1.1



## BLACKBOX EN50160 PQ Report

ker Severity Network comp	oany shall ensure that PL	T Flicker do	oes not exce	ed 1.0 dur	ing 95% of we	eek.			
arameter	Channel/Phase	Regulati	ion Max 95%	Measur	ed Max 95%	F	Result		
PLT	L1	15		0.75		P	ass	LACK	BOX
PLT	L2	1		0.69			EN501	60 PQ	Renar
PLT	L3	1					CNDOI	0014	nepoi
		Vidual H	Harmonic Vol	tages					
LART			k company nsu ured as 10 minu		e individual Ha values.	armonic Volt	tages do not ex	ceed followin	g values in
LIPUT				Measu	red of Max (%	5)	Result		
L29UT		Normonic Order	Regulation (Max) %	L1	12	L3	L1	12	L3
LIPLE		2	2%	0%	0%	0%	Pass	Pass	Pass
105913		3	5%	0%	0%	0%	Pass	Pass	Pass
1917		4	1%	0%	0%	0%	Pass	Pass	Pass
OSPLT		5	6%	0%	0%	0%	Pass	Pass	Pass
BROPLE		6	0.5%	0%	0%	0%	Pass	Pass	Pass
CAPIT		N 7	5%	0%	0%	0%	Pass	Pass	Pass
0.791 T		1	0.5%	0%	0%	0%	Pass	Pass	Pass
ROPLT		11	1.5%	0%	0%	0%	Pass	Pass	Past
CHPLT		10	0.5%	0%	0%	0%	Pass	Pass	Pas
05917		n d	3.5%	0%	0%	0%	Pass	Pass	Pas
ASPLT		24	0.5%	0%	0%	0%	Pass	Pass	Pas
G-MPLT	M. A .A AI	R-NO	3%	0%	0%	0%	Pass	Pass	Pas
AT A A	14 1 AR IN	14	0.5%	0%	0%	0%	Pass	Pass	Pas
ASPLT CARL	1 CH WING T	15	0.5%	0%	0%	0%	Pass	Pass	Pas
0.2917	AA .	16	0.5%	0%	0%	0%	Pass	Pass	Pass
01917		17	2%	0%	0%	0%	Pass	Pass	Past
10/05	11/06 12/96	18 140	0.5%	0%	0%	0%	Pass	Pass	Pass
		E Fidia P.T.D	1.5%	0%	0%	0%	Pass	Pass	Pass
-		20	0.5%	0%	0%	0%	Pass	Pass	Pass
	Flicker - Min/Ma	x Values o	0.5%	0%	0%	0%	Pass	Pass	Pass
		22	0.5%	0%	0%	0%	Pass	Pass	Pass
		23	1.5%	0%	0%	0%	Pass	Pass	Pass

0.5%

1.59

0%

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0%

0%

Pass

Pass

Pass



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## **Important Notifications**



PQSCADA 4.2 & later versions includes a new Report Package. The EN50160 PQ 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 Issues** 

- The report is not translated to all languages.
- The report does not support daylight savings time.

1 Stop Download Shop

EN50160 PQ Report

Install The EN50160 PQ Report

After you have downloaded the Report Module from Elspec's Website, select the EN50160 Report for installation:

Chinese
EN50160
Event based report
Fault Location
FOL
GOST
NRS
Prodist
Transient Report

Run the "exe" option in the folder:

Name	A	Date m	odified
🛃 PQS.Complia	nceReport.1.0.0.0.5.Setup.msi	6/14/20	12 4:24 PM
🔯 setup.exe		6/14/20	12 4:24 PM
Co reception	Open		
	Run as administrator		

The Welcome Screen of the installation guide will now open:

🛃 PQS.ComplianceReport
Welcome to the PQS.ComplianceReport Setup Wizard
The installer will guide you through the steps required to install PQS. ComplianceReport on your computer.
WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.
Cancel Cancel Next>





- Select the <u>Next</u> button to commence the installation process
- Accept the license agreement at "I Agree" & select the button until you confirm the installation:

B PQS.ComplianceReport	岁 PQS.ComplianceReport
License Agreement	Confirm Installation
Please take a moment to read the license agreement now. If you accept the terms below, click "I Agree", then "Next". Otherwise click "Cancel".	The installer is ready to install PQS.ComplianceReport on your computer. Click "Next" to start the installation.
ELSPEC Ltd.	
EN50160 PQ 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 EN50160 PQ report SOFTWARE (SOFTWARE). The End way is defined as aways when	
⊙ I Do Not Agree	
Cancel Cancel Next >	Cancel Cancel 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:

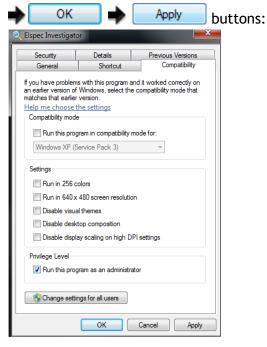
neral	Device	Download Schedule	Parameters	Folders	Database
Cycle by Cycle		IEC61000-4-30		Statis	itics
Cycle By Cycle		V IEC61000-4-30	Aggregation:		Enable Statistics
Waveform	and Crest Factor	Current	3 seconds		Frequency Cycle by Cycle
Frequency		Inter Harmonics	10 minutes + 2	hours	
Harmonics:		Phasors and Inter H	armonics Angle		
Voltage +	Current	Harmonics			
Active + R	eactive	Non-Standard Parameter	3		
Power:		Power:			
Fundamen	tal + Harmonics	Fundamental + Harmonic	S		
Harmonics	only	Harmonics only			
E Fundamen	tal only	Fundamental only			
					Apply Can



#### 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 select Properties Compatibility Tab;
  - (b) In the Privilege Level select the option Run this program as an Administrator



(c) Open the Investigator, select Settings **P** Folder **P** Configure Folder Path