

PD Instruments (PDCheck family)

SUMMARY

- Products
 - PDCheck
 - Portable PDC
 - PDC Control / OLMVS
 - PDScope
 - Smart Sensorgrid NG

PDCHECK PRODUCTS

NAME	Features	Notes
PDCheck	3*PD, 4*0-2 VDC, 3*-/+5 VAC, 1*SYNC	RJ45/F.O.
PDSCOPE	3*PD, 1*SYNC	2*F.O.
Portable PDCheck	3*PD, 1*SYNC	F.O., WiFi
Smart Sensorgrid NG	3*PD, 1*SYNC	2*F.O. only for MV

TECHIMP PDCheck

Techimp PDCheck is an all-purposes high end PD instrument, particularly designed for stand alone monitoring of PD phenomena and slow varying quantities (e.g. temperature, humidity, etc.) as they can be strictly related to PD.

It can also be fully integrated in a monitoring system (Techimp TiSCADA).

Techimp PDCheck can also be controlled directly by an operator by means of the PDC Control software in order to provide spot measurements.

Target electrical assets are all the high end ones: HV cables, generators, transformers, etc.



TECHIMP PORTABLE PDC

The instrument can be used to measure on-line and off-line any electrical asset at any level of voltage and for any voltage waveform.

It can be also used to install a semi-permanent monitoring system, maintaining the needed degree of safety.

Connection via fiber optic allows a network of acquisition units to be checked in different measurement points.

- Ultra Wide band, fast integrated processing capability
- Compact, PD Pulse detector and Waveform analyzer,
- embedded 11" ' HD industrial tablet for instrument control and data analysis
- Multiple connectivity (Wi-Fi, Fiber Optic, Bluetooth)
- Easy soft, software for automatic testing and reporting



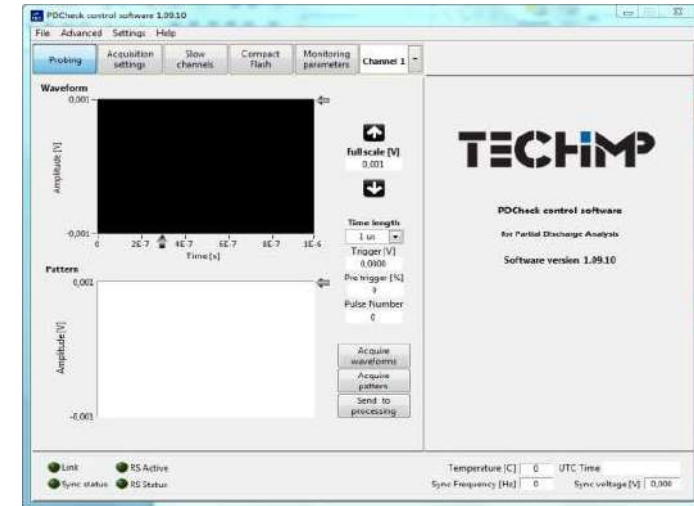
PDC CONTROL / OLMVS

PDC Control

PDC Control is the state-of-art software that allows the control of most of the PDCheck family devices (PDCheck, PPDCL, PDScope).

It allows the operator to perform any kind of configuration.

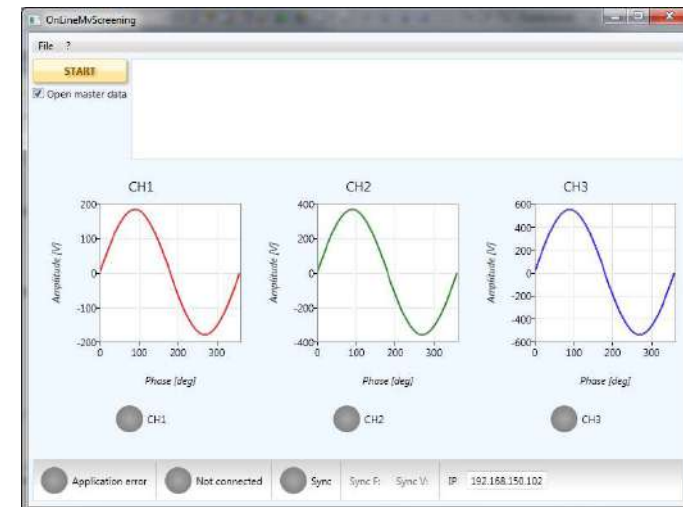
It allows IEC 60270 measurements and three simultaneous channels measurements.



OLMVS

On Line MV screening (OLMVS) is a software particularly designed for unskilled operators: simply clicking on a button it is possible to carry out automatically the acquisition parameters autoset and to get the data and a response in a traffic light logic.

Data are available for a deeper processing.

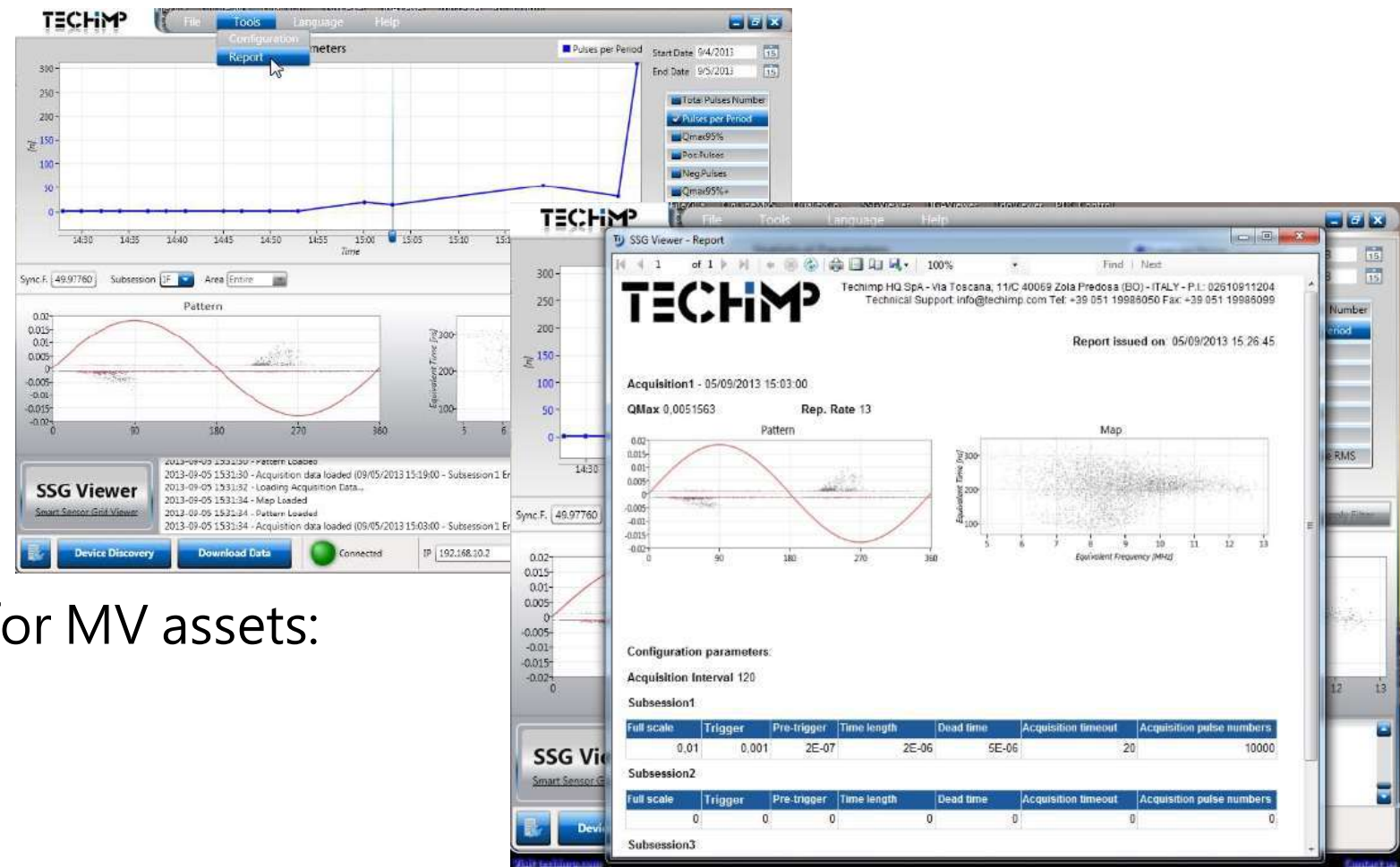


SSG VIEWER

Simplified software designed to connect to multiple SSGs.

It shows the time behaviour of various PD quantities, the PRPD pattern.

It allows a simplified reporting.



Simplified analysis for MV assets:

- switchgears
- switchboards
- MV cables