INTRODUCING THE PURE - BLACKBOX

Continuous waveform recording

- Capture fast RMS data, show half-cycle and waveform to characterize electrical system dynamics (generator start-up, UPS switching etc...)
- 16 Bit Continuous Acquisition @ 256 Samples Per Cycle

Measure all three phases and neutral

Class A Power Quality analyzer

- 0.1% Accuracy on Analog Channels
- 0.1% Power & Energy Accuracy

View graphs and generate report

With included analysis software



ARCHITECTURE - SINGLE OR DOUBLE SYSTEM ADAPTIBILITY



- 1. USB led status
- 2. SD led status
- 3. Power supply
- 4. Channels led status



ARCHITECTURE - SINGLE OR DOUBLE SYSTEM ADAPTIBILITY



- 1. Voltage leads inputs
- 2. Current probes inputs
- 3. USB socket



CLASS A POWER QUALITY

- Continuously Measure & Record More Than 10,000 Parameters At half-Cycle Resolution
 - Voltage
 - Current
 - □ 511 Harmonics
 - Inter-Harmonics
 - □ Power Quality FLICKER, THD, unbalance, crest facto, k factor & More ...
- Power Quality Events
 - Voltage Dips
 - □ Voltage Swells
 - □ Voltage Interruptions







EN 50160 reporting









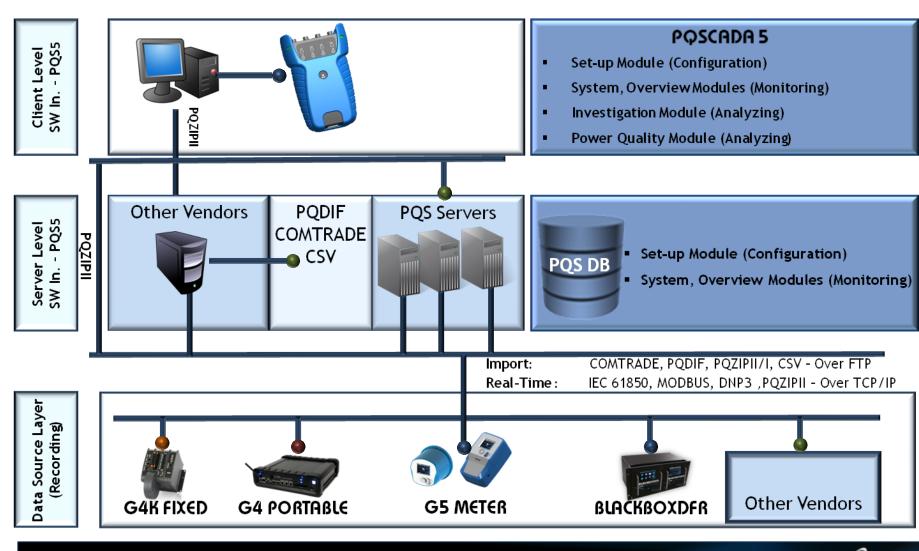
ENERGY METER

Received

Integrated High Precision Energy Meter - Measure & Record: □ 0.1% Power & Energy Accuracy ... Exceeding: □ IFC 62053-22 Class 0.2S □ ANSI C12.20 02 Class 10 + 20 for Energy Flow of Energy within a System: □ Reactive Power □ Active Power Apparent Power □ Power Factor Flow of Power To & From the System to the Grid: Delivered



BLACKBOX ARCHITECTURE

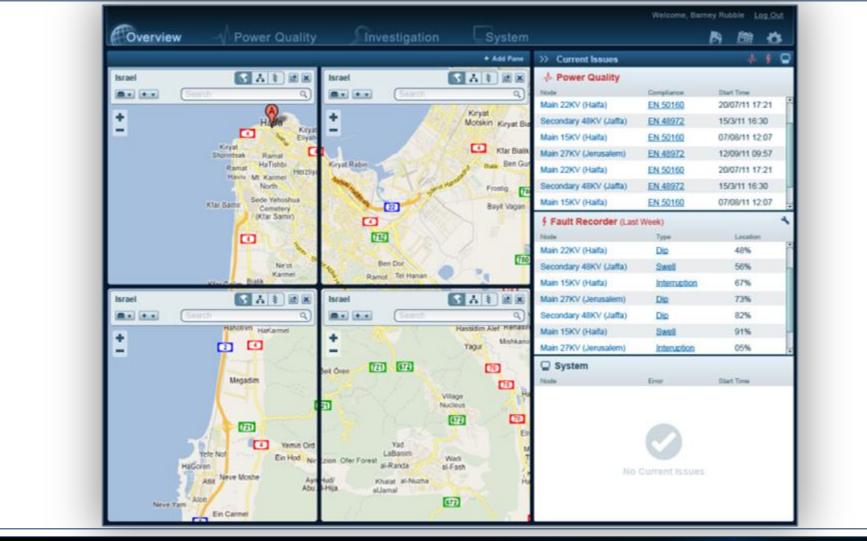




PQSCADA 5 - OVERVIEW [SINGLE MAP]



PQSCADA 5 - OVERVIEW [MULTIPLE MAPS]

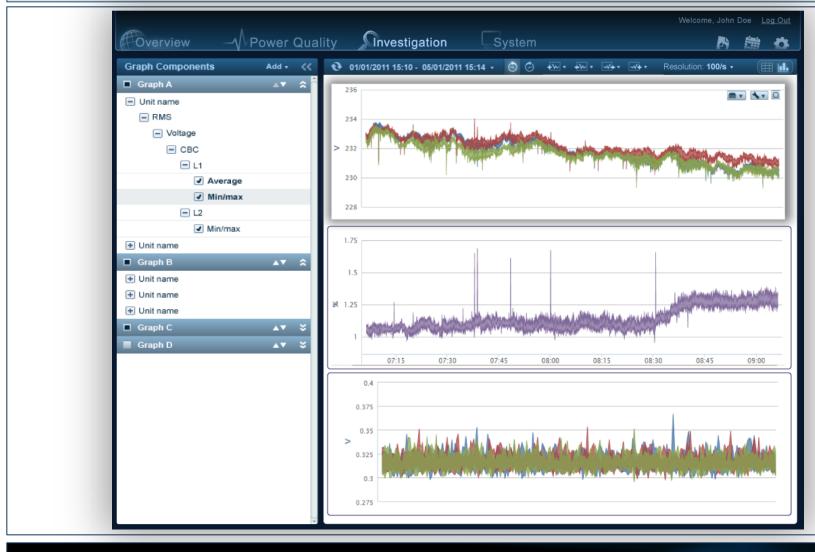


PQSCADA 5 - OVERVIEW [ELECTRICAL MAP]

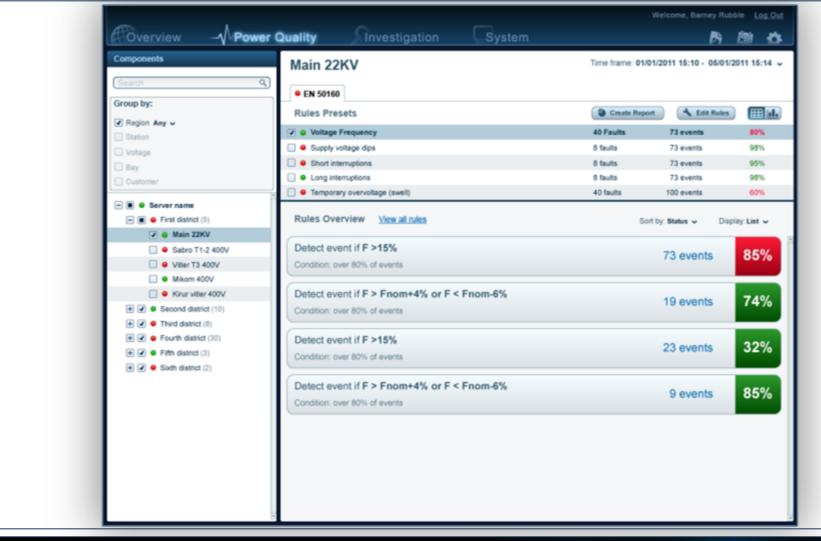


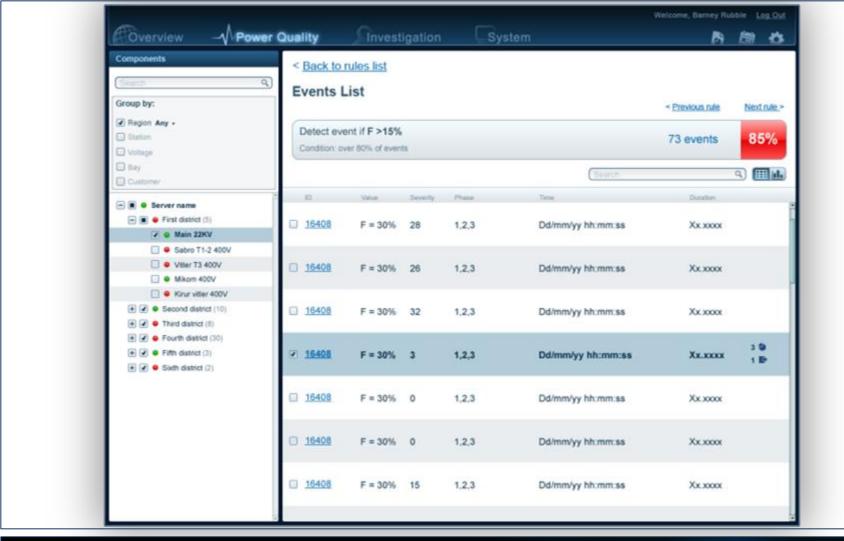


PQSCADA 5 - INVESTIGATOR

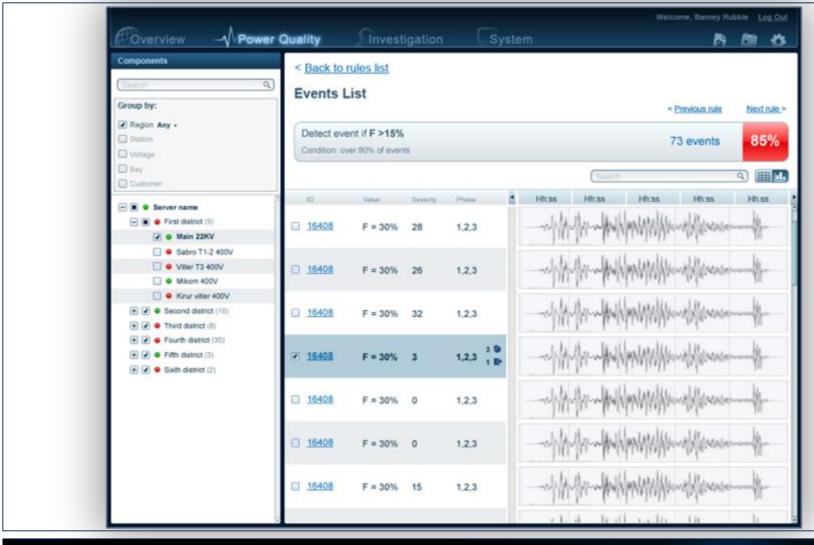














Handheld portable class A meter 600V CAT IV Free software - easy to use Report generator Long term monitoring

