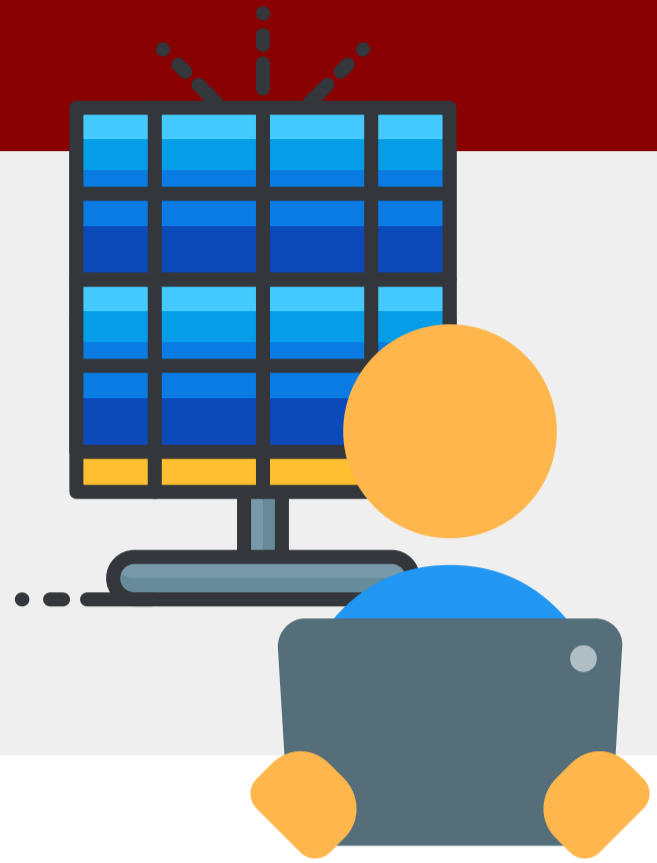




# Prolucid Power Quality Analyzer (PQA)

Using National Instruments' hardware, Prolucid PQA delivers advanced real-time, historical analytics and measurements to extend the capabilities of your energy management solution. It enables customers to gather an extensive array of power data including harmonics, voltage fluctuations, overvoltage condition and other anomalies that can disrupt power in transmission and distribution infrastructure.



## Power Quality Analysis

Continuously monitor highly detailed power quality data either on-premises or remotely to a configurable cloud platform with IEEE 61000-4-X standard power quality measurements.

## Phasor Measurement Unit

Measure the power grid frequency and monitor magnitude and phase angle of voltage or current, easily detecting abnormal waveforms with positive, negative and zero sequencing.



## Digital Fault Recorder

Detect and record power generation and grid disturbances through harmonics, frequency and voltage monitoring. Local logging and historian on device as well as cloud service connectivity for long term logging.

Prolucid's PQA is a 3 in 1 solution including power quality analysis, a phasor measurement unit, and a digital fault recorder. The solution includes remote connectivity for distributed systems management and real-time data collection.

To learn more contact [info@prolucid.ca](mailto:info@prolucid.ca)