Comtrade Export

A Comtrade Export feature is valuable when analyzing protection devices. It can help determine why a protection device is tripping or it can help determine if the protection device will trip under particular real world conditions.
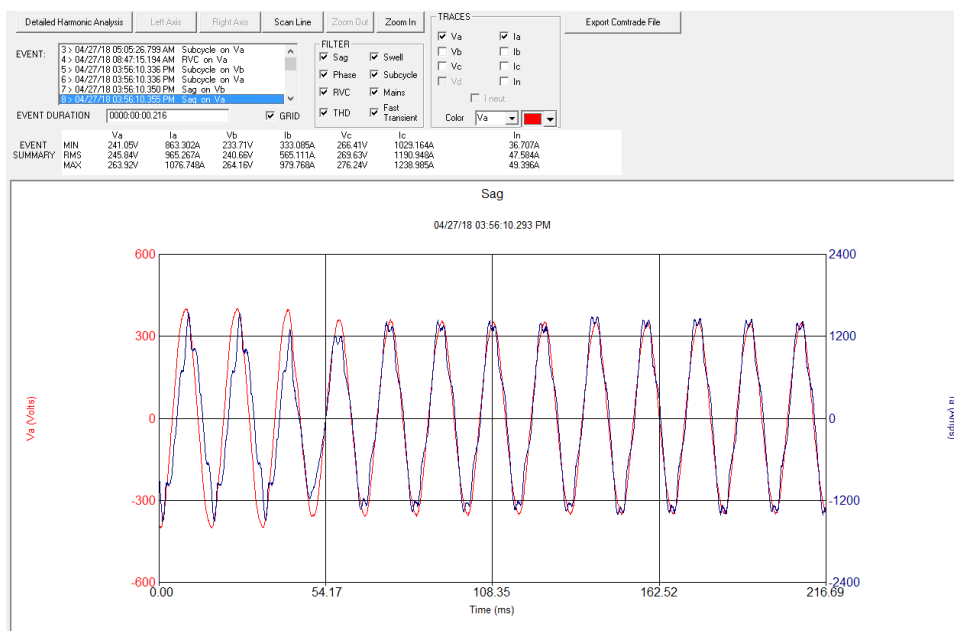
The MPQ analyzer can be left in the field for months or years at a time. During this time, it will record multiple real world events. These events can then be exported as a Comtrade file and then can be played back to protection devices to see how they react.

MPQ records high resolution PQ events. These events can be triggered by dips, swells, high speed transients, sub-cycle waveform distortions, THD, RVC, mains signaling communications as well as phase shift deviations that occur when islanded renewables come back on line.

Any of these events will trigger waveform captures up to 10 seconds in duration on all channels simultaneously.

These events can then be exported as Comtrade files and then played back on a Megger SMRT. The protection device will then be exposed to the real world event.
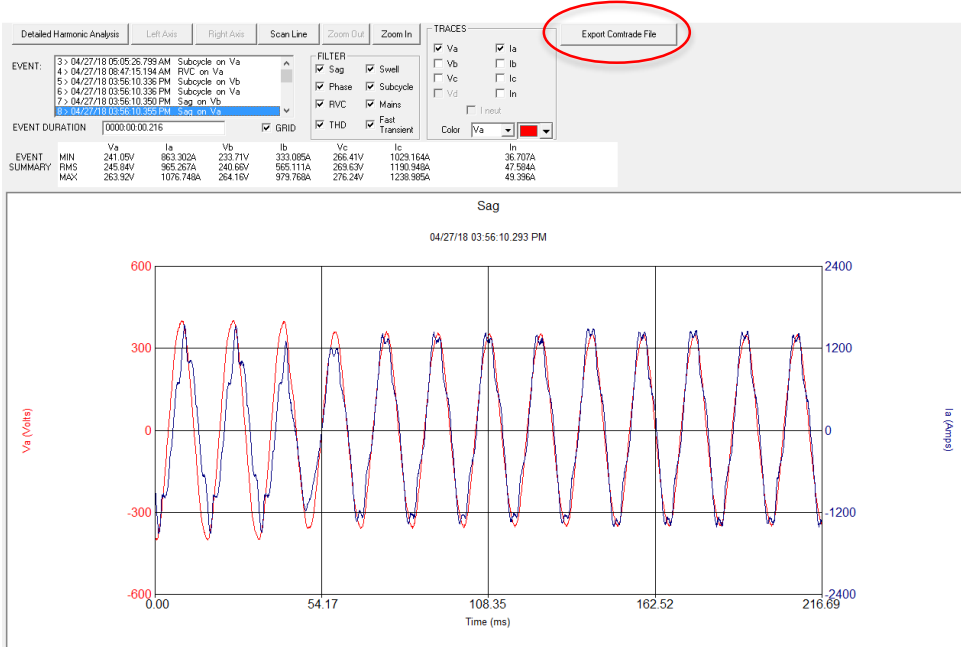
The MPQ can be left in the field for days, weeks, months or years, capturing events this whole time. These events can be analyzed using the Metrosoft PC software.

Megger
2621 Van Buren Avenue
Norristown, PA 19403 USA

T +610 676 8500
F +610 676 8610
www.megger.com

Registered to ISO:9001:2015
Certificate No. 110006.01

The events can filter the events by type and can be viewed by date.

Any desired event can be exported as a Comtrade file by clicking on the EXPORT COMTRADE FILE button.

The Comtrade file can then be played back on a Megger SMRT or equivalent device.