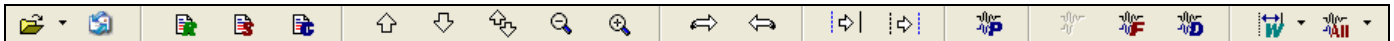


Data Toolbar



Features:

- Reads various types of proprietary & standard formats from DFRs, Digital Relays, Meters and more.
- Translates fault records from their native format to the IEEE Std. C37.111 "COMTRADE format".
- Provides calculated channels for modeling of missing phases, sequence components, fault resistance...
- Creates combined event sequences from various types of digital fault records.
- Merges multiple fault records into one COMTRADE record (composite fault records).
- Supports IEEE Std. C37.232 (COMNAME - Common Format for Namina Time Sequenced Data Files).

Channel Operations:

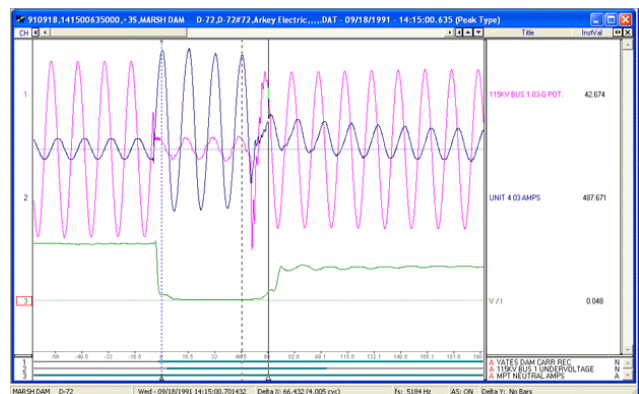
- Add, subtract, multiply and divide channels
- Shift phases and align channel data
- Plot RMS profiles and envelopes
- Plot harmonic waveforms and histograms
- Plot sequence components
- Plot real and imaginary components
- Plot watts, vars, and power factor
- Convert between secondary and primary values
- Convert between Peak and RMS calibrated data
- Correct polarities of currents and voltages
- Reconstruct missing phases
- Display phasor diagrams and circular charts
- Calculate fault resistance
- Calculate single ended fault location
- Calculate double ended fault location

Product Description:

The software is used for line restoration, fault and disturbance analysis, dynamic relay testing, real time monitoring of evolving loads, contingency planning, and intelligent maintenance applications.

The software is a specialized, high-resolution graphic interface designed for universal management, display and analysis of digital fault records. The software supports IEEE Std. C37.111 (1991, 1999, and 2013 COMTRADE formats) and the standard CSV format (allows for trending of periodic load measurements over long periods of time).

The main benefits are increased system reliability and reduced engineering time.



Calculated Fault Resistance Channel - V / I

