GOSSEN METRAWATT

Safety through Competence

DranView –

Power Quality, Harmonics and Energy Software

Simple User-friendly Powerful Ingenious

DranView 6 is a Windows-based software package that enables power professionals to simply and quickly analyze power monitoring data. It is available in two versions: Professional and Enterprise. Straightforward navigation, automated functionality, comprehensive evaluation options and customizable settings meet the needs of each individual user. DranView is successfully used by thousands of customers around the world and is the industry leading power management software tool.

Supported Instruments and Formats:

- Mavowatt 20
- Mavowatt 30
- Mavowatt 40
- Mavowatt 50
- Mavowatt 70
- MavoSYS 10

File format:
Industry Standard
PQDIF
File format:
Industry Standard
COMTRADE

Language Versions:

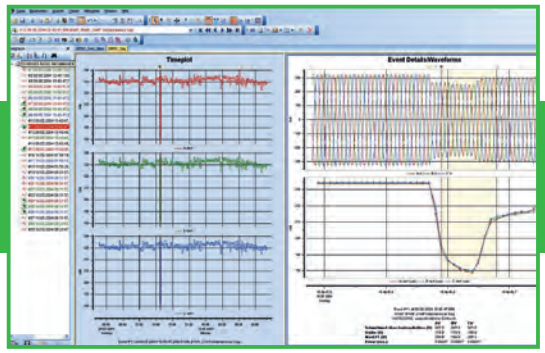
German
English
French
Italian
Spanish
Swedish
Finnish
Chinese
etc. ...

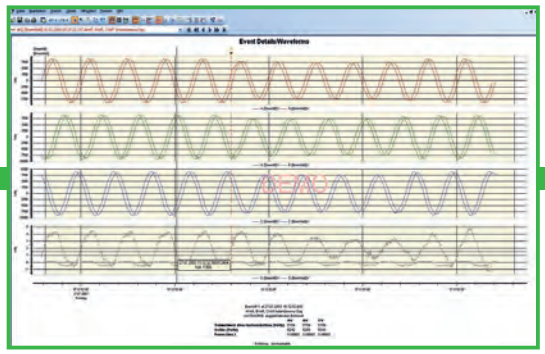
Features:

- Multiple display of different signal types
- Intuitive operation
- Customized and automatic reports
- Cross-measuring point data analysis
- Data rescue kit

Optimized for fast data processing and visualization of large measurement files.
Sorting measured and calculated data into categories allows for rapid access to the requested measurements.
Scrollable and flexible diagrams allow for quick zooming into disturbance charts for perfect visualization.
Appearance and behaviour can be flexibly customized.
Comprehensive analysis tools such as harmonic demo tool, separate scaling for voltage, current and power and a data rescue kit to correct time stamp, swap mixed-up current probes, adjust incorrect mains types or transformation ratios.
Data export to PQDIF format or import of COMTRADE data from protection relays (Enterprise version only).

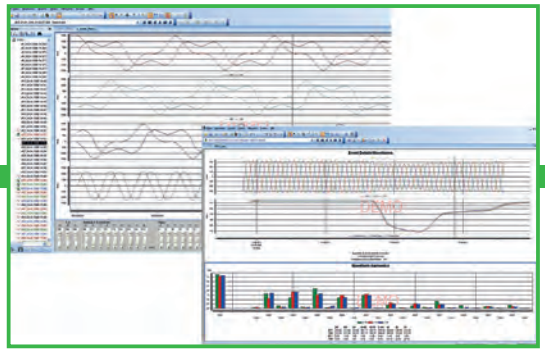
Tailored Presentation Options * / **
Chart, object, area, site and other exclusive tools help to select the appropriate presentation.
Tools such as zoom, area marker, harmonic scaling and event removal are among the more than 50 available options.

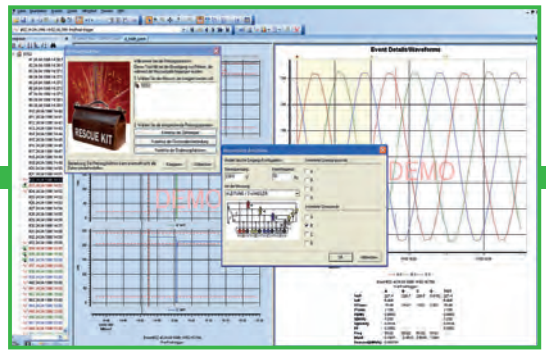




Events - Categorized, Sorted and Grouped * / **
The new workspace bar not only categorizes all power quality events, but can display data through targeted event data filtering or subset display and branching.

Harmonics Demo Tool * / **
DranView features some powerful functions for harmonics analysis. On the one hand, it provides trend charts and details of any data recorded by the device, covering harmonics, interharmonics, THD, K factor, etc. On the other hand, thanks to its integrated DFT function, DranView is also able to calculate harmonics on its own, based on existing wave-shape measuring data and to display them as spectrum charts - with one mouse click only!





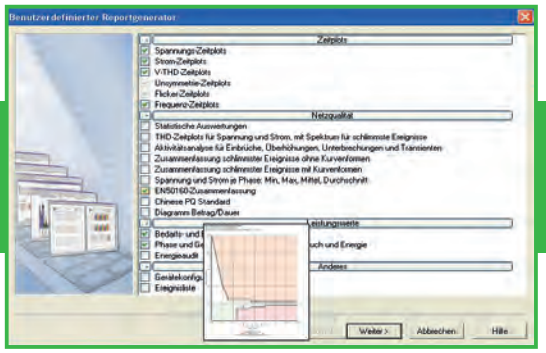
Rescue kit * / **
It often happens that current probes are connected with reversed polarity or that an incorrect time has been set. The rescue kit corrects the mistake including all associated quantities. It is not necessary to conduct a new measurement.

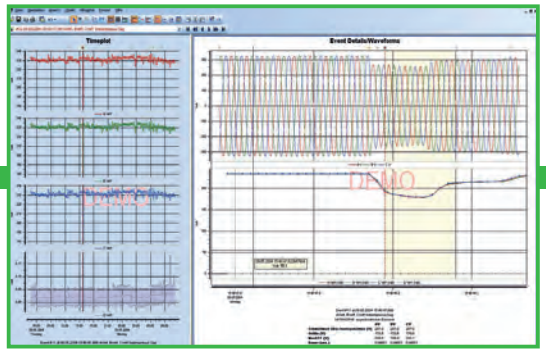
Automated Reporting * / **
DranView has a built-in report generator to help you preparing professional reports in line with your requirements and including your company logo. The reports are created in rtf format which is compatible with the majority of word processing programs such as Microsoft Word. This gives you the flexibility to edit the report as you like.

available in software version - *) Professional **) Enterprise

Customized Reports * / **

A choice of more than 20 different reporting options, diagrams, data listings and standards enable you to compile individual reports. The setting options include fixed or user-selected parameters, worst case summaries, and more. A single click lets you bookmark any report, once defined, for future reference.



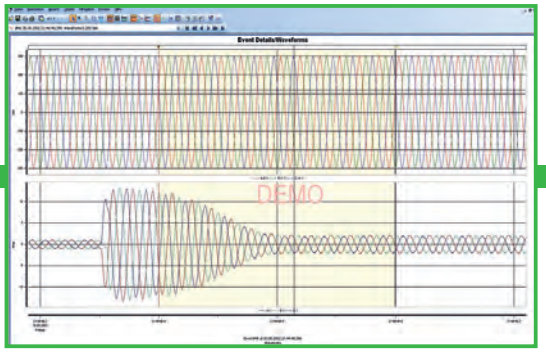


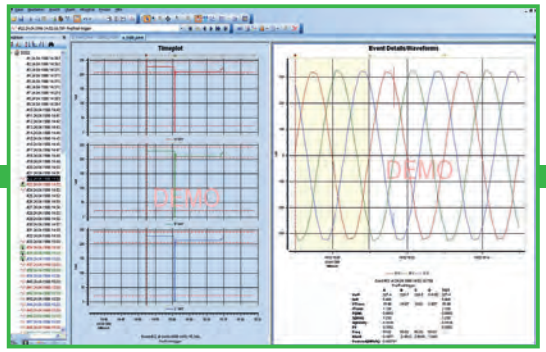
Comparison of Different Measuring Points **

The DranView Enterprise version allows you to simultaneously view measuring data from different sites or instruments to compare data from various locations or times in the same chart.

Data Evaluation From Various Formats **

Any data source can be exported to IEEE 1159.3 PQDIF format. COMTRADE files and tabulated text files with waveshapes or trends can be imported into DranView Enterprise.



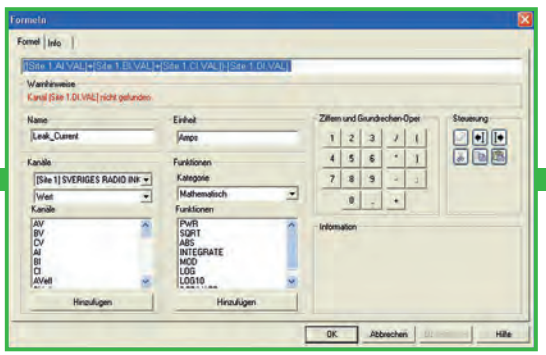


Three Pane Window **

View events, disturbance protocols and waveshapes at a glance. This facilitates diagnosis and provides an overall view. By moving your mouse over events you drill down for more detail or access to additional channels.

Mathematical Functions **

DranView features a powerful calculator channel function to perform calculations for the data recorded by you. Similar to the functions provided in an Excel spreadsheet, DranView offers calculator functions such as mathematical (SQRT, PWR etc.), trigonometrical (SIN, COS, TAN etc.), logical (<, >, =, etc.), power (RMS, DFT, etc.) and more. For example, leakage current and neutral conductor current can thus be calculated within seconds.



available in software version - *) Professional **) Enterprise

Function Overview	Professional	Enterprise
Visualization		
Scrollable chart axes		
Unlimited undo/redo function		
Timeplot, waveshape, magnitude-duration and Fourier transformation diagrams		
Chart marker tools		
Standardized layout for document templates		
Event sorting / filter		
Drag & drop charts, axes and other objects		
Photographs and images can be inserted		
Notepads with user-defined texts or data		
User-defined toolbars, function keys and menus		
File and System Functions		
Faster file download		
Support for large data files		
Efficient file compression (to half the original size)		
Automatic internet update		
Import of protection relay data (COMTRADE files)		
Import of tabulated text files		
Elimination of measurement events		
Reports		
Standard report with writer modules		
Reports adapted to monitoring mode		
Built-in text editor (RTF editor)		
Snapshots		
Adding selected events to a report		
Adding selected timeplots to a report		
Audit report		
Cross-Measuring Point Options		
Visualization of up to 16 simultaneous measuring data		
Cross-event filter function (finds events occurred at different measuring points)		
Cross-measuring point time synchronization		
Mathematical comparisons between measurements		
Data Rescue Kit		
Adjustment of time stamp		
Correction of mixed-up current probes		
Modification of scaling factors		
Modification of connection / mains types		
Mathematical Functions		
Timeplot and harmonics calculation from waveshapes		
Separate harmonic scaling for voltage, current and power		
Improved DFT functions for the selection and analysis of harmonics		
Mathematical formulas		

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