

## PRESS RELEASE

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Contact: info@us.yokogawa.com

Contact Phone: 800-888-6400

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## **Yokogawa Introduces Xviewer Viewing, Analysis & Computation Software for its Digital Oscilloscope Family**

Newnan, Georgia - Yokogawa Corporation of America introduces the Xviewer digital oscilloscope software package. Xviewer works with Yokogawa's family of DL SignalExplorer digital oscilloscopes (DL1600, DL1700E and DL7400 series), the DL750 ScopeCorder, and the WE7000 series PC-based data acquisition system.

Xviewer software allows users to take the waveform data acquired using one of the Yokogawa products indicated above, and display and analyze the data on a PC. The software also performs a variety of mathematical computations and digital filtering functions on the acquired data - creating up to 10 'Math' waveforms. Using Xviewer, remote instrument control via Ethernet, USB or GPIB is possible, as is transferring data from scope-to-PC using these same interfaces. Xviewer software also converts waveform data saved in binary format to an ASCII or Excel-format file.

The standard 'viewer' portion of the software includes the same waveform viewing features that exist in the oscilloscope itself. In addition to viewing the entire captured waveform or waveforms, the waveform data can be zoomed horizontally (time axis) and/or vertically (voltage axis) for greater detail. When multiple waveform acquisitions (triggers) are captured in the scope, Xviewer can be used to show the multiple "History" waveforms at one time. This allows users to see how the acquired waveforms vary over time. Other Xviewer data viewing functions include X-Y format display, vertical and horizontal cursors and the ability to annotate.

The analysis portion of Xviewer calculates up to 26 parameters on one or more of the waveforms. Parameters include: max, min, rise/fall times, duty cycle, frequency, RMS, average, over/undershoot, and others.

The Math edition of Xviewer adds the ability to create up to 10 math waveforms. Performing one or more mathematical or digital filtering functions on the acquired waveform data creates the math waveforms. Math functions include: basic math functions, phase shift, single and double integration and differentiation, trigonometric functions, FFT (using up to 2 million data points), lowpass/bandpass/highpass digital filtering and more.

Xviewer software is available now. The standard edition of the software is \$420. The math edition of the software is \$660.

### **About Yokogawa Corporation of America**

Yokogawa Corporation of America is the North American unit of \$3 billion Yokogawa Electric Corporation, a global leader in the manufacture and supply of instrumentation, process control, and automation solutions. Headquartered in Newnan, Georgia, Yokogawa Corporation of America serves a diverse customer base with market-leading products including analyzers, flowmeters, transmitters, controllers, recorders, data acquisition products, meters, instruments, distributed control systems, and more.

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