Tektronix Newsroom

RSAVu Provides Tektronix Real-Time Spectrum Analyzer Analysis Software on PC Platform

New Tektronix Software Provides Customers With Greater Return on Investment Through Flexibility, Performance, and Long Distance Analysis Options

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Tektronix, Inc. , a leading worldwide provider of test, measurement and monitoring instrumentation, announced RSAVu off-line analysis software. With RSAVu, customers can acquire signals using their Tektronix Real-Time Spectrum Analyzer (RSA) and then analyze the captured information offline on a PC.

Tektronix Real-Time Spectrum Analyzers have been designed to aid customers working with Digital RF applications including Software Defined Radios that use complex modulation techniques, Radar with its time-varying and pulsed RF signals, and RFID that makes use of momentary communication links. The PC-based RSAVu software can provide the same analysis capabilities as exist on the customer's Real-Time Spectrum Analyzer. Customers are able to capture files on one RSA instrument and share these with multiple PC users for off-line analysis.

As the importance of Digital RF increases it is becoming a key part of the engineering curriculum. Educators can now demonstrate and explain transient RF effects, capturing a signal on a RSA and then having students analyze the signals on their own PC using RSAVu. Additionally, customers with complex analyses needs are able to use RSAVu to analyze the captured signal at their desk, allowing the RSA to be used by other engineers. RSAVu also facilitates remote analysis. A single RSA instrument can acquire a data file and transmit this to a remote location for analysis, enabling the application and product experts to perform the analysis no matter where they are in the world.

"RSAVu provides our customers with more analysis flexibility and greater return on their investment in Real-Time Spectrum Analyzer technology," said Rick King, Vice President, Real-Time Spectrum Analyzer product line, Tektronix. "The remote analysis software provides all of the functionality customers have purchased on the primary instrument but allows for inexpensive analysis that makes use of the latest in PC performance. The offline analysis capability enables users from a wide range of industries to deploy a combination of Real-Time Spectrum Analyzer hardware and software in a manner that is tailored to their needs. It pleases me to be able to bring this tremendous value to our customers."

The analysis functionally of RSAVu is identical to that provided with the RSA3300A, RSA3408A and WCA200A Real-Time Spectrum Analyzers. A customer must own one of these instruments to acquire signals for transfer to RSAVu. RSAVu is available as a free downloadable file on www.tektronix.com. Customers can also make use of any purchased software options for their RSA units on a PC by purchasing a USB software key. The USB key will enable the purchased software options to function on the PC with RSAVu. The enabled software options on the key will match the customer's instrument software option permissions. The software options will only be available on the PCs when the key is installed. Multiple keys may be issued against a single instrument serial number.

RSAVu requires Microsoft Windows XP or Windows 2000 operating systems. The USB software key to enable access to software options purchased with a RSA unit is available for a U.S. MSRP of $950.

About Tektronix

Tektronix, Inc. is a test, measurement, and monitoring company providing measurement solutions to the communications, computer, and semiconductor industries worldwide. With 60 years of experience, Tektronix enables its customers to design, build, deploy, and manage next-generation global communications networks and advanced technologies. Headquartered in Beaverton, Oregon, Tektronix has operations in 19 countries worldwide. Tektronix' Web address is www.tektronix.com.

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