

FOR IMMEDIATE RELEASE

Frontline® Sodera® Analyzers Support Bluetooth® 5

Charlottesville, Virginia, USA – June 16, 2016 – Teledyne LeCroy, the worldwide leader in Bluetooth protocol analysis and testing services is pleased to announce support for Bluetooth 5 in their Frontline Sodera protocol analyzers. Bluetooth engineers using Sodera tools can analyze, debug, and troubleshoot Bluetooth 5 enabled devices today, quickly and easily.

The Bluetooth Special Interest Group (SIG) [announced](#) that Bluetooth 5 brings an outstanding array of new features including: quadruple the range, double the speed, and an 800% increase in data broadcasting capacity. Innovations like these are driving the Internet of Things (IoT) revolution with ever increasingly connected devices, as well as “connectionless” technologies used by beacons and mesh networks used in home, education, work, and industrial applications.

“Bluetooth 5 opens a wealth of opportunities for growth in IoT” notes David Bean, General Manager Teledyne LeCroy Frontline products. “Consumers are going to love what Bluetooth 5 has to offer – whole house coverage, more interconnected devices using beacon and mesh technologies, and significantly faster transmission speeds. But IoT startups trying to bring these offerings to market, struggle with connectivity issues.” David continues, “Our job is to give engineers the tools they need to develop Bluetooth 5 devices today. Our tools show the entire communication stream, fully decrypted and decoded. We provide the analysis they need to understand and resolve issues fast – from inter-frame spacing and timing, to Bluetooth related audio issues, to Bluetooth and Wi-Fi coexistence, we help them get their products to market fast.”

Frontline Sodera analyzers represent the latest in Bluetooth protocol analysis. They capture all Bluetooth communications across the entire 2.4 GHz spectrum concurrently (wideband) and allow developers to choose the devices to be decrypted and decoded for further analysis, either as they happen or later, when saved for review. Frontline Sodera comes with an onboard battery and memory, enabling “Excursion Mode” where connections to external power or even a PC is not required. Sodera is also the only analyzer on the market that when combined with the Frontline 802.11 analyzer via ProbeSync™ can capture, decrypt, and decode both Bluetooth and Wi-Fi packets and display them in a single coexistence view.

Flexibility is built in to the Sodera family of analyzers. Teledyne LeCroy engineers, utilizing the analyzer’s software defined radio, keep up with changes and advances in the Bluetooth specification by applying software updates and patches via software. Teledyne LeCroy works closely with the Bluetooth SIG’s core working groups, participating in formal and informal IOPs, and as members of technology committees. Our tools fully support the current Bluetooth specification and include support for future updates and enhancements, like the still-to-be released Bluetooth 5 specifications, as they are released by the Bluetooth SIG.

About Teledyne LeCroy

Teledyne LeCroy is a leading manufacturer of advanced oscilloscopes, protocol analyzers, and other test instruments that verify performance, validate compliance, and debug complex electronic systems quickly and thoroughly. Since its founding in 1964, the Company has focused on incorporating powerful tools into innovative products that enhance "Time-to-Insight". Faster time to insight enables users to rapidly find and fix defects in complex electronic systems, dramatically improving time-to-market for a wide variety of applications and end markets. Teledyne LeCroy is based in Chestnut Ridge, N.Y. For more information, visit Teledyne LeCroy's website at teledynelecroy.com.

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