

FOR IMMEDIATE RELEASE

Teledyne LeCroy Announces Frontline Sodera® LE Analyzer Supporting Bluetooth® 5

Charlottesville, Virginia, USA – July 12, 2016 – Teledyne LeCroy, the worldwide leader in Bluetooth protocol analysis and testing services is pleased to announce their newest wideband Bluetooth protocol analyzer, the [Sodera LE](#) analyzer. Sodera LE is positioned to drive Internet of Things (IoT) development with full support of Bluetooth 5 as [announced](#) by the Bluetooth Special Interest Group last month.

Device to device transmissions using the low energy feature of Bluetooth wireless technology is at the heart of the IoT revolution. Bluetooth 5 brings even more opportunities for the IoT with longer range, faster speeds, and dramatic improvements in both connection and connectionless technologies as used by beacons and mesh. This increasing connectedness promises faster, easier, more intuitive, and safer devices, but also implies more complex topologies, more interoperability obstacles, and more development hurdles. The Sodera LE Bluetooth protocol analyzer, focused solely on Bluetooth low energy, is the perfect solution for engineers developing low energy Bluetooth 5 enable products of the future.

“Sodera LE is exciting” says David Bean, General Manager Teledyne LeCroy Frontline products. “It is a powerful wideband Bluetooth protocol analyzer, tailored for engineers developing IoT devices using Bluetooth low energy. It also provides a tremendous upgrade path for our BPA low energy customers, and a budget friendly solution to developing with Bluetooth 5 features.”

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 (Sodera LE’s big sister) 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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