

FOR IMMEDIATE RELEASE



## Frontline® Announces Release of ComProbe® SD Protocol Analyzer for SD/SDIO/SPI/MMC including Bluetooth® Data Analysis over SDIO

Charlottesville, Virginia, USA – August 31<sup>st</sup>, 2011 – Frontline Test Equipment, Inc. is pleased to announce the release of the [ComProbe SD Protocol Analyzer](#), the newest member of the Frontline ComProbe line of analyzers. The ComProbe SD protocol analyzer allows engineers to capture, decode, display, filter, and detect errors in SD, SDIO, MMC, and SPI communications, as well as in *Bluetooth* data carried over the SDIO physical layer. It is a breakthrough for SD engineers developing and debugging new SD technology based products.

The ComProbe SD analyzer is powered by USB, has a small form factor, and provides non-intrusive, in-line, uncontaminated data captures and analysis – live! The captured data is sent to the analysis PC using high-speed USB at 480 Mbps and displayed and decoded in real-time to help analyze data in no time. The hardware supports 1-bit and 4-bit modes ensuring compatibility with the current SD specifications. It also supports SPI protocol to help developers of this full-duplex technology to analyze SPI bus data. It is the only product on the market that can decode SD/SDIO/MMC-equipped devices and *Bluetooth* enabled devices that use SDIO technology making it a must-have tool for someone working in the field or at the bench.

Frontline is a world leader in *Bluetooth* analysis tools and has over a decade of experience and expertise in *Bluetooth* technologies. The Frontline ComProbe *Bluetooth* analyzers lineup includes the standard for “Classic” *Bluetooth* analysis – the ComProbe [FTS4BT](#)™ analyzer, the world’s first “low energy” *Bluetooth* protocol analyzer – the ComProbe [FBleA](#)™ analyzer, and the powerful “Dual Mode” *Bluetooth* protocol analyzer – the ComProbe [BPA™ 500](#) protocol analyzer allowing you to see either or both “classic” and “low energy” *Bluetooth* communications all in one box!

Frontline uses a modular approach to protocol analysis and has created the ComProbe Analysis System. Each Frontline ComProbe analyzer uses a specific hardware interface for the technology being tested (*Bluetooth*, 802.11, USB, High Speed UART, and SD). Each can work individually or in combination with other ComProbe hardware interfaces through Frontline’s core ComProbe software running on a PC. This modular approach provides engineers with a rich set of analysis tools and features in a uniform, consistent, and intuitive software platform. The right tool is a must. With Frontline tools you can “Debug Communications Faster<sup>SM</sup>”.

### About Frontline

Frontline is the world’s leading provider of *Bluetooth* protocol analysis technology. 84 out of the Fortune 100 companies use Frontline. Frontline’s ComProbe FTS4BT *Bluetooth* analyzer is the de-facto industry standard and is used by hundreds of company’s globally including, CSR, Broadcom, Atheros, Apple, Nokia, Samsung, Sony, Toshiba, Panasonic, and Marvell. Frontline’s technology has been integrated into the Bluetooth SIG’s PTS qualification tool which is the system used to determine if a product meets *Bluetooth* interoperability standards. Frontline supports the entire range of *Bluetooth* technology: Basic Rate/Enhanced Data Rate, low energy, and High Speed.

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