

FOR IMMEDIATE RELEASE

Frontline Introduces World's Only Bluetooth® v3.0 + HS Protocol Analyzer

Charlottesville, Virginia, USA – July 13, 2009 – Trying to keep up with changes to *Bluetooth* wireless technology can make anyone's head spin. The release of the *Bluetooth* v3.0 + HS specification, which adds high speed data support via 802.11 makes *Bluetooth* technology more powerful and versatile, but also more complex than ever. *Bluetooth* v3.0 + HS provides vast improvements in speed and power efficiency over previous *Bluetooth* versions. Already there are dozens of products planned or in development that will capitalize on this new speed and efficiency.

Fortunately for *Bluetooth* development and test engineers, Frontline, the industry leader in *Bluetooth* protocol analysis, has released a new version of their FTS4BT™ analyzer, creating the first and only *Bluetooth* v3.0 + HS protocol analyzer. Released barely a month after approval of this latest *Bluetooth* specification, the *Bluetooth* development community now has the tool it needs to rapidly develop new products, debug interoperability issues, and verify correct implementation. Current FTS4BT users who want to add support for v3.0 + HS can simply add a Wi-Fi® ComProbe® adapter. This optional hardware captures 802.11 traffic and integrates seamlessly with FTS4BT.

One prominent company with a long history of using Frontline analyzers is CSR, a leading global provider of personal wireless technology and developer of BlueCore™, the world's first single chip *Bluetooth* solution. When asked about Frontline's latest FTS4BT release, CSR U.S. Applications Engineer, Lance Watson said, "We rely on Frontline's leadership in protocol analyzers to test and

debug our applications. The addition of v3.0 + HS support is huge for us because our Synergy wireless systems software is one of the world's first products qualified to the new *Bluetooth* v3.0 + HS standard. *Bluetooth* v3.0 + HS offers the potential for tremendously increased speeds and faster reactions to changing radio conditions. FTS4BT's test and debug features allow us to create industry leading products for this enhanced specification."

Companies such as CSR have been relying on FTS4BT ever since Frontline changed the *Bluetooth* test and debug paradigm by introducing two breakthrough concepts: Live data display and simultaneous sniffing of both the over the air link between two devices and the wired HCI link between a *Bluetooth* chip and the host CPU controlling the *Bluetooth* chip. These two improvements to *Bluetooth* troubleshooting techniques have saved engineers industry-wide countless hours of time and have enabled faster time to market, lower support costs, improved interoperability and ultimately, a better *Bluetooth* experience for the user.

In addition to the technology breakthroughs that Frontline has brought to the industry, they've also taken commitment to *Bluetooth* technology to new levels. Frontline works closely with chipmakers, stack vendors, the Bluetooth SIG, and SIG working groups to support enhancements to the *Bluetooth* core specification and changes to *Bluetooth* profiles early in specification process so that so that developers have the right tools when they need them.

Though there are many early adopters of *Bluetooth* v3.0 + HS technology, there's no doubt that countless companies have stayed on the sidelines waiting for formal adoption of the new specification. FTS4BT's v3.0 +HS support not only proves that the new specification is real and here to stay, but it gives developers the

confidence to start creating products knowing that they have the industry's leading protocol analyzer to support them.

About Frontline

Frontline is the world's leader provider of *Bluetooth* protocol analysis technology. Frontline's 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. With the release of support for *Bluetooth* V3.0 + HS, Frontline now supports the entire range of *Bluetooth* technology: Basic Rate/Enhanced Data Rate, low energy, and High Speed.

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