

FOR IMMEDIATE RELEASE

Frontline® Introduces Audio Expert System™ Module for Troubleshooting Bluetooth® Protocol-Related Audio Quality Issues



Charlottesville, Virginia, USA – May 29th, 2014 – Frontline Test Equipment, Inc. is pleased to announce their breakthrough *Bluetooth* audio quality testing tool for developing and troubleshooting *Bluetooth* audio devices and applications. The [Audio Expert System](#) software module combines the power of ComProbe® software with in-depth audio tools all synchronized with the *Bluetooth* protocol.

Audio Expert System is a software module that works with Frontline’s intuitive ComProbe software platform. It brings the *Bluetooth* developer, both with and without audio expertise, the ability to troubleshoot *Bluetooth* protocol-related audio issues. The Audio Expert System synchronizes live codec and audio events back to the *Bluetooth* protocol and audio wave forms enabling, for the first time, *Bluetooth* engineers to quickly and easily troubleshoot *Bluetooth* protocol-related audio quality issues. Engineers can view wave forms, control live playback of audio file, and with a single click jump back to the specific *Bluetooth* packets and frames related to audio within ComProbe software.

“There has been a void in test tools capable of helping with *Bluetooth* protocol-related audio quality”, says David Bean, President of Frontline. “Great tools are available for testing true audio, but nothing existed to troubleshoot *Bluetooth* protocol-related audio quality issues. But, the gap is now filled! With the Audio Expert System module, *Bluetooth* engineers can see everything they need to get their jobs done fast!”

Audio engineers have long been able develop and troubleshoot audio devices using extensive audio quality test equipment. For *Bluetooth* engineers this has not been the case. How *Bluetooth* is implemented can greatly affect the quality of audio coming from their devices. The challenge is determining what in the *Bluetooth* protocol or audio codecs might be affecting audio quality adversely. Now with the Audio Expert System module, *Bluetooth* engineers can quickly see and resolve their *Bluetooth* audio quality challenges. The Audio Expert System module is a necessity for efficiently developing and troubleshooting *Bluetooth* audio devices.

About Frontline

Frontline is the world’s leading provider of [Bluetooth protocol analysis](#) test tools and packet sniffers. Their ComProbe® family of analyzers spans a wide range of technologies – *Bluetooth* (Classic and low energy), 802.11 (Wi-Fi), NFC, USB, SD/SDIO, and High Speed UART (HSU). Frontline is the premier [Bluetooth device testing](#) (interoperability, robustness, etc.) and [Bluetooth services](#) house. 84 out of the Fortune 100 companies use Frontline. Frontline’s ComProbe line of *Bluetooth* analyzers are the de-facto industry standard and are used by hundreds of company’s globally including CSR, Broadcom, Atheros, Apple, Nokia, Samsung, Sony, Toshiba, Panasonic, and Marvell. Frontline maintains the world’s largest *Bluetooth* device library for use in its IOT service organization. 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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