

PREMIUM MAINTENANCE

frontline
Debug Communications Faster™

Key Features and Benefits

- **Complete Profile Support**
Guarantee that your tools support the latest profiles and protocols, including new *Bluetooth* profiles within a week of adoption by developer.bluetooth.org
- **The Latest Feature Enhancements**
Get full access to improvements and additions to the ComProbe Protocol Analysis System software at the heart of every ComProbe protocol analysis product
- **VIP Technical Support**
Premium Maintenance assures that your technical issues receive first-tier support
- **Industry-Best Decodes**
Premium Maintenance means that you have the best and most up-to-the-moment decodes in the industry
- **Free for a Year!**
Purchase any qualified product and receive one free year of Premium Maintenance

Call sales support at **(800) 359-8570** today to learn more about how to start receiving the benefits of Premium Maintenance for your Frontline protocol analyzer.

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ComProbe is a registered trademark of Frontline Test Equipment, Inc.

What is Premium Maintenance?

Simply stated, Premium Maintenance is the best and most cost-effective way to keep your tools sharp.

Wireless technologies like Bluetooth®, Wi-Fi and Near Field Communication are constantly growing and evolving to meet the needs of the ever-changing technological landscape of consumer needs and devices. New *Bluetooth* profiles are always in development, creating the potential for thousands of possible profiles in the *Bluetooth* ecosystem, and Wi-Fi and NFC are at the leading edge of wireless development, with innovations coming practically daily.

Updates and changes to these technologies are managed and communicated through developer portals and working groups. As a leader in communications technology analysis, Frontline capitalizes on our unique industry access to ensure that our products support new profile information at almost the moment those changes are adopted - in the case of *Bluetooth*, **within one week** of the developer.bluetooth.org website.

Premium Maintenance assures that you can capture, decode and analyze any *Bluetooth*, Wi-Fi and NFC data, from the earliest release to the very latest specification, regardless of when you bought your Frontline protocol analyzer.

Why Premium Maintenance?

Every new software release is a snapshot in time, and without ongoing updates to the ComProbe Protocol Analysis System software at the core of all of our developer-class products, you could be missing support for important new profiles and changes to spec (e.g. support for the latest HFP and extraction of WBS data into WAV files). Moreover, new features and enhancements are being added to the ComProbe software every day, including:

- Additions to our automation API
- Powerful new views like the Message Sequence Chart
- Improved Frame Display features, like user selectable columns
- New filtering ability

Premium Maintenance guarantees that you're as current as the technology itself, and that you are armed with the latest time-saving features and improvements for your Frontline protocol analyzer.



Premium Maintenance Qualified Products include:



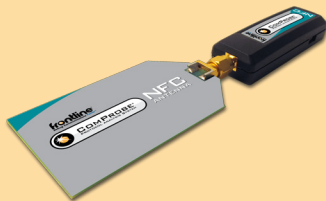
ComProbe BPA® 600 Dual Mode Bluetooth Protocol Analyzer



ComProbe BPA low energy Bluetooth Protocol Analyzer



ComProbe 802.11 Protocol Analyzer

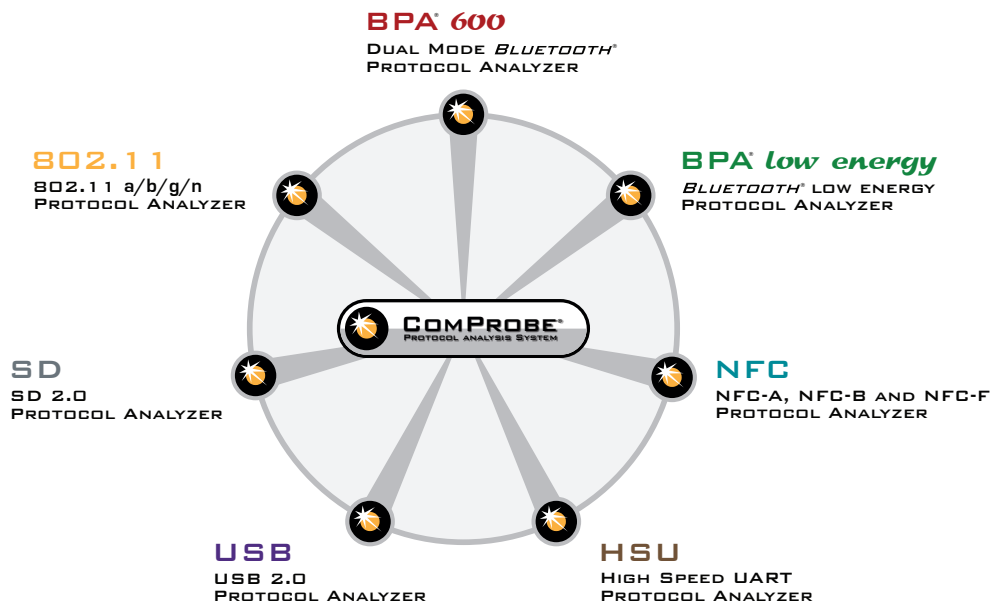


ComProbe NFC Protocol Analyzer

How Do I Get Premium Maintenance?

Your initial purchase of a Frontline developer-class protocol analyzer includes one year of Premium Maintenance during which time you can download all software updates, which are automatically communicated to you through the ComProbe® software interface the moment they become available. From profile and protocol changes to bug fixes and new analysis innovations from Frontline, you can keep your tools sharp at a minimal cost, and be sure that you are always ready for even the most advanced protocol analysis scenarios.

Call **(800) 359-8570** to make sure you're Premium Maintenance is active, and that you're getting the most out of your Frontline protocol analysis tools.



The ComProbe Modular Approach

ComProbe software is at the core of Frontline protocol analysis, allowing technology-specific hardware interfaces to work individually or in combination with other hardware interfaces. This modular approach gives the developer or analyst the widest possible range of scenarios for debugging complex communications.

To order or for more information:

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ComProbe Protocol Analysis System Improvements and Enhancements

Subscribers of Frontline's Premium Maintenance program have seen a number of important changes to the ComProbe Protocol Analysis System software, including the following recent improvements and enhancements:

New Features

- ▶ The BPA 600 datasource automatically changes the link Key order entered by the user to the correct one. If a user enters the byte order incorrectly, it is now unnecessary to manually re-enter the link key.
- ▶ When simultaneously sniffing HCI and over the air captures, the ComProbe USB or ComProbe HSU automatically passes the link key from HCI sniffer (Both ComProbe HSU & USB) to Bluetooth Air Sniffer (BPA 600).
- ▶ The decoders in the ComProbe software now support all Bluetooth 4.1 features except secure connections:
 - 32 bit UUIDS
 - Unencrypted UCD
 - Low Duty Cycle Advertising
 - Coex Signaling
 - Common Profile Error Code Range
 - Dual Mode Addressing
 - GAP Authentication and Lost Bond
 - GAP Connection Parameters
 - Private Addressing
- ▶ LE Timeline now shows device rows and packet timing
- ▶ Default file size for all personalities now 256 MB
- ▶ Updates to LE decoders, including a new ability for users to extend their own decodes without changing the default decoder source code
- ▶ Extract link key from customer application
- ▶ AVRCP Cover Art
- ▶ Autotraversal for AVCTP
- ▶ Zoom throughput graph in Coex View
- ▶ aptX Audio Extraction
- ▶ Wide Band Speech decoding and extraction
- ▶ Bookmarks via Automation
- ▶ CSV Export via Automation
- ▶ Extract MAP data
- ▶ Codec Selection for audio extraction
- ▶ Message Sequence Chart for ComProbe 802.11
- ▶ Message Sequence Chart for ComProbe NFC
- ▶ MWS-WCI2 capture and decoding
- ▶ AVRCP 1.6
- ▶ Hands Free 1.6
- ▶ Customizable summary pane – add fields

Fixes

- ▶ Fixed a problem capturing sync train when CSB is enabled
- ▶ Fixed a problem decoding of LMP Clk Adj and Version Number
- ▶ Fixed a crash that was occurring during WBS data extraction
- ▶ Fixed a crash that happened when opening 802.11 help files
- ▶ Fixed a problem in the L2CAP traversal when using dynamic PSMs