Merlin Mobile Version 2.01 Release Notes

This release also contains the following components, which are necessary for Merlin Mobile Analyzer to function correctly with this release:

- CATC Merlin Mobile BusEngine Version 1.09.
- CATC Merlin Mobile Firmware Version 1.02.
- CATC Merlin Mobile Windows driver Version 1.02.

Corrected problem with payloads of high-rate data packets that was introduced in version 2.0.

Resolved issue with multiple encryption key entries in the device list.

Corrected the operation of 'Page Sync & Record' synchronization method when the 'Match Clock Rate' flag is checked.

Now the analyzer can follow Master/Slave switch even when not recording, provided that it is synchronized to the piconet.

Merlin Mobile is can now trigger on data and LMPs sent in DV packet.

When configuring the HCI trace of IUTs, the Baud Rate value of the serial port can be other than the listed pre-defined values.

When configuring an IUT HCI Trace in the recording options, the user can now also select the RS232 protocol.

When opening a trace file, the application now checks for its origin (the analyzer was used to record it and its version). In case the trace file was generated by a newer version, the application would not attempt to open it, as the format of the file might have changed. To view such a file you would need to install a newer version of the application.

Automation:

- Sample files Installation: To install the sample files, please select the 'Custom' installation option and select the 'Automation' group. The samples are suitable for the Merlin Mobile analyzer. Please refer to the Automation manual for additional information.

- To run the sample files, you should make sure that the Merlin Mobile software version 2.01 is already installed.
- To compile the Visual C++ sample project you first need to install the Microsoft Visual Studio.
- For editing the HTML sample code you can use a text editor or other HTML-editing tools.
- The Class Ids for the analyzer interface are different for the 3 Bluetooth analyzers. Also, the library file names were changed to: BTAutomationTracer.tlb for the BTTracer, BTAutomationMerlin.tlb for the Merlin and BTAutomationMobile.tlb for the Merlin Mobile.
- When invoking the analyzer application as an automation server, it would be activated in 'minimized' mode showing only an icon in the system tray. Please refer to the Automation API for CATC Bluetooth Analyzers manual for more information.