Pegoda EV710 Firmware v2.2.8

Release Notes and Update Recommendation

In Firmware Version 2.2.8 the NXP Basic Function Library (BFL) is replaced by the NXP Reader Library (NXPRdLib). The functionality of the PC/SC mode has not been changed. The PC Software using the Reader in this mode (e.g. RFIDDiscover) will not face any functional differences.

Additional functionality and benefits of Firmware v2.2.8 compared to previous version

- Support of SCardControl commands to open a PC/SC slot even without a card being present. This is otherwise not possible with just SCardBeginTransaction/SCardEndTransaction commands.

For further information about the actual implementation please refer to [1] and [2].

Update Recommendation:

For new projects and implementations, the usage of the latest firmware and source code is recommended. This is as well the case for projects using the reader in PC/SC mode only.

NXPRdLib has some adaptations in the PC/SC BAL component to use SCardControl API instead of SCardBeginTransaction/SCardEndTransaction.

For Information how to update your Pegoda to the latest firmware please refer to [3].

Applicable Documents or References

[1] Application Note: AN10993 Pegoda Software Design Guide
[2] NXP Reader Library (in .chm format included in the Reader Library Release package)
[3] Application Note: AN10992 Quick Startup Guide for RD710