Software Release Note

Z-Wave Programmer

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Written By:	JFR;SRO;BBR
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Date	CET	Initials	Name	Justification
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REVISION RECORD

Doc. Rev	Date	By	Pages affected	Brief description of changes
1	20150406	JFR	All	Initial draft
2	20150421	JFR	2	Minor typos
3	20150826	JFR	2.2.1	Change version from 2.84.02 to 2.87
4	20160307	SRO	2.2.1 2.3.1 2.4.1	Updated list of supported OS Added S2 specific new feature description External NVMs
5	20160420	JFR	2	Updated releases to ZWaveProgrammer 2.95
6	20160722	SRO	2.2	Updated releases to ZWaveProgrammer 2.97
6	20160725	SRO	2.2.1	Updated new features
7	20170111	SRO	2.1	Updated releases to ZWaveProgrammer 2.99
8	20180305	BBR	All	Added Silicon Labs template

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1 INTRODUCTION

The Z-Wave Programmer software is necessary for programming the flash on the Z-Wave 200/300/400/500 Series Single Chips during SW and HW development and for small production series.

2 RELEASES

2.1 Z-Wave Programmer v2.99

The Z-Wave Programmer software is necessary for programming the flash on the Z-Wave 200/300/400/500 Series Single Chips during SW and HW development and for small production series. The Z-Wave Programmer supports also initialization of the external EEPROM including home ID on the Z-Wave modules. The Z-Wave Programmer can also configure transmission power, lock bits and RF settings on the Z-Wave modules.

Programmer supports Windows 7/8/10(32/64bit). These libraries implemented in C# using Microsoft Visual Studio 2008. The .NET Framework version 3.5 SP1 re-distributable packages (found on Microsoft Windows update site) must be installed to run applications using the .NET Framework. For detailed information, refer to [1].

WARNING: It is strongly recommended to always uninstall a previous release before installing the latest Programmer release.

WARNING: ZDP02A/3A Programmer is not a production-graded unit, which may result in unintentional violation of chip programming specifications etc. when used in a production environment. It is strongly recommended to use an industrial production chip programmer.

2.1.1 New features

- The PC based Z-Wave Programmer can read/write private, public keys and DSK (device specific key) from/to NVR. Storing S2 keypair in the External NVM disabled.

2.2 Z-Wave Programmer v2.97

2.2.1 New features

- The PC based Z-Wave Programmer can read/write private, public keys and DSK (device specific key) from/to External Non-Volatile Memory and NVR depending on connected interface:
    - SPI Interface connected – changes External NVM and NVR
    - USB/UART Interface connected – changes only NVR
- Remove Set S2 keypair from user interface. S2 keypair change is possible during programming device if ‘Add S2 keypair’ option set.

2.3 Z-Wave Programmer v2.95

2.3.1 New features

- The PC based Z-Wave Programmer can read/write private, public keys and DSK (device specific key) from/to External Non-Volatile Memory (only SPI interface supports this feature).

2.4 ZDP0xA Firmware v1.35

The Z-Wave Programmer software uses the ZDP03A Development Platform configured with ATMega128 firmware (both source code and hex files included).

2.4.1 New features

Can program new range of supported external NVMs [3].

2.5 Calibration SD3502 v1.12

The SD3502 calibration firmware used by the calibration box, refer to [2]. ZM and ZDB modules are already calibrated during production. Hex file is located in Programmer folder.

2.5.1 New features

None.

REFERENCES

[1] SD, INS10679, Instruction, Z-Wave Programmer User Guide.
[2] SD, INS12524, Instruction, 500 Series Crystal Calibration User Guide.
[3] SD, SRN13389, Software Release Note, Z-Wave 500 Series SDK v6.70.00 Beta.

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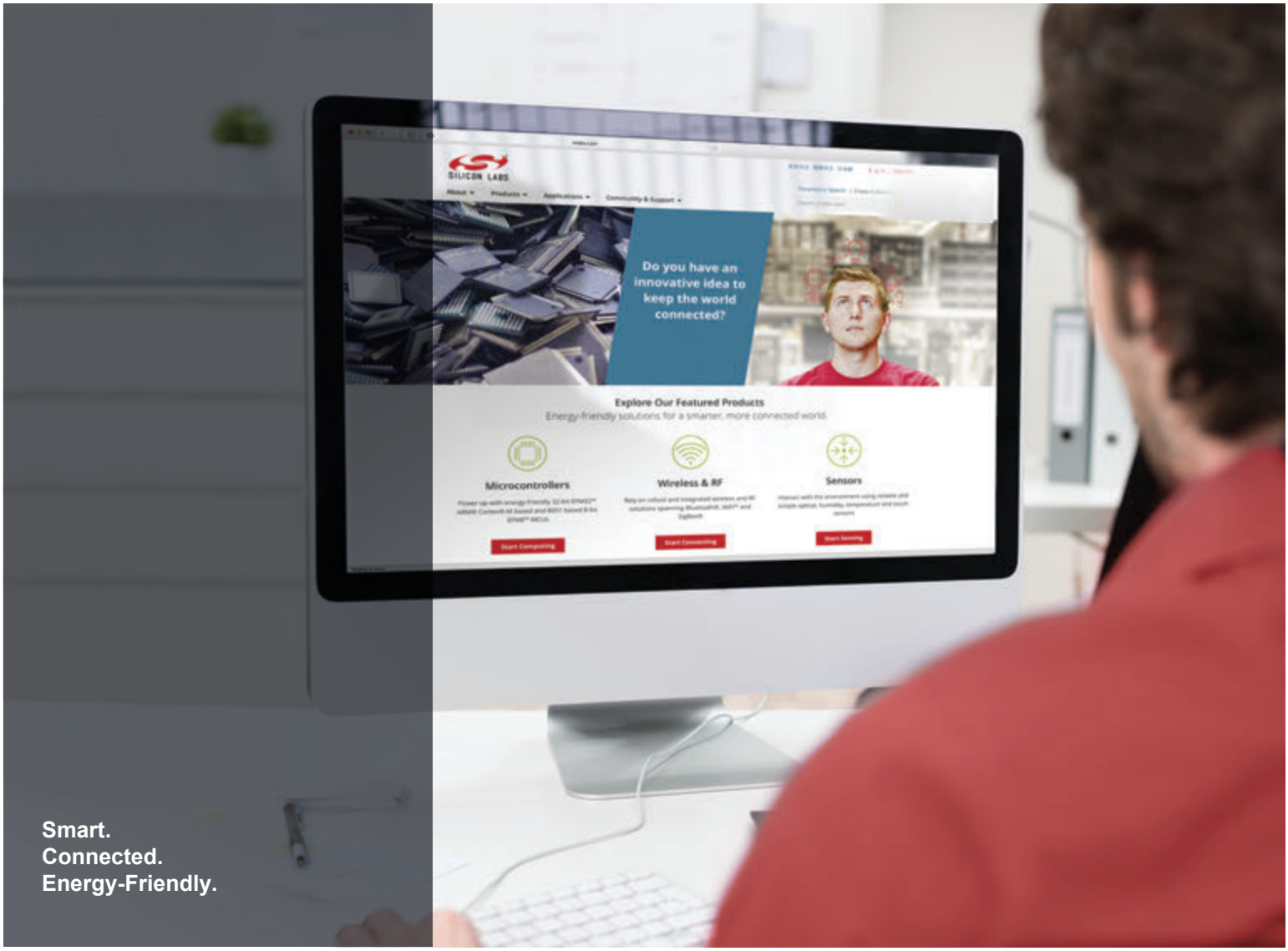

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