Software Release Note

Z-Wave PC based Controller

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Date	CET	Initials	Name	Justification
2019-09-20	07:55:22	JFR	Jorgen Franck	on behalf of NTJ

REVISION RECORD

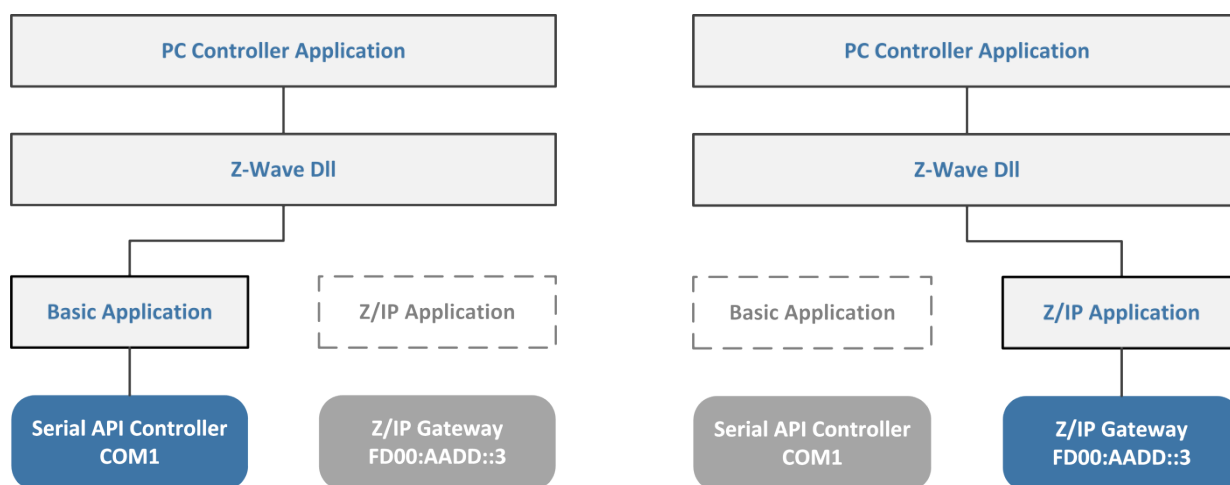| Doc. Rev	Date	By	Pages affected	Brief description of changes
1	20160908	SRO JFR	All	Initial draft
2	20161021	JFR	Section 2	Updated to Z-Wave PC-based Controller v5.19 and Z-Wave DLL v5.53
3	20170104	SRO	Section 2	Updated to Z-Wave PC-based Controller v5.26 and Z-Wave DLL v5.60
4	20170925	SRO	Section 2	Updated to Z-Wave P- based Controller v5.30 and Z-Wave DLL v5.64
5	20180305	BBR	All	Added Silicon Labs template
6	20180913	SRO	Section 2	Updated to Z-Wave PC-based Controller v5.34 and Z-Wave DLL v5.68
7	20190313	JFR	Section 2	Updated to Z-Wave PC-based Controller v5.38 and Z-Wave DLL v5.73
8	20190319	AYurttas	All	TechPub reviewed version. No change on technical contents
9	20190918	seroman1	Section 2	Updated to Z-Wave PC-based Controller v5.39 Remove specific version number from Z-Wave DLL v5

Table of Contents

1   Introduction

The Z-Wave PC-based Controller application is based on the Z-Wave DLL. The applications have a thin GUI layer and all the Z-Wave specific code is placed in the DLL for easier application development. The Z-Wave PC-based Controller application is implemented in C# using Microsoft Visual Studio 2017 and .Net Framework 4.6.1. For details regarding the Z-Wave PC-based Controller application, refer to [1].

Notice: Security S2 functionality is not tested/supported in conjunction with SDK 6.51.xx and 6.61.xx.

2 Releases

2.1 Z-Wave PC Controller v5.39

The Z-Wave PC-based Controller code contains an example of how to include, exclude, and control the devices included in the SDK. The PC-based Controller now supports both non-secure and security S0/S2. In addition, the Z-Wave PC-based Controller supports the Z/IP Gateway. System information can be replicated to and from the other controllers. The Z-Wave PC-based Controller accepts both a Serial API-based Static and Bridge Controller.

For detailed information, refer to [1].

2.1.1 New Features

- Send Data settings (timeouts and max payload size)
- Set expect data in Command Class view
- Recent send data list in Command Class view

2.1.2 Z-Wave DLL v5

The Z-Wave DLL v5 is a framework that simplifies the development of Z-Wave enabled Windows Forms or Console applications for Microsoft .NET Framework platform (Windows 7, 8.1 & 10). It is a high-level interface to the serial API interface on the Z-Wave modules. For detailed information, refer to [2].

References

[1]   Silicon Labs, INS13114, Instruction, Z-Wave PC based Controller v5 User Guide.
[2]   Silicon Labs, INS13113, Instruction, Z-Wave DLL v5 User Guide.

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