



Errata Note

Z-Wave PC based Controller

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REVISION RECORD

Doc. Rev	Date	By	Pages affected	Brief description of changes
1	20160908	SRO JFR	All	Initial draft
2	20161021	JFR	Section 1	Updated to Z-Wave PC-based Controller v5.19 and Z-Wave DLL v5.53
3	20170104	SRO	Section 1	Updated to Z-Wave PC-based Controller v5.26 and Z-Wave DLL v5.60
4	20170925	SRO	Section 1	Updated to Z-Wave PC-based Controller v5.30 and Z-Wave DLL v5.64
5	20180305	BBR	All	Added Silicon Labs template
6	20180531	SRO	1.1,	Updated to Z-Wave PC-based Controller v5.34 and Z-Wave DLL v5.68
6	20180704	SRO		Updated to Z-Wave DLL v5.68
7	20190314	JFR	Section 1	Updated to Z-Wave PC-based Controller v5.38 and Z-Wave DLL v5.73
8	20190319	Ayurttas	Section 1	TechPub reviewed revision: No change to technical contents
9	20190918	seroman1	Section 1	Updated to Z-Wave PC-based Controller v5.39 Remove Z-Wave DLL v5

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1 Introduction

The document describes the Test Observations (TO) that exists on the Z-Wave PC-based Controller. For details regarding new features and functionality, refer to [1]. For a comprehensive user guide, refer to [2].

1 Releases

Following sections describe fixed and known defects in the PC applications and associated libraries.

1.1 Z-Wave PC Controller v5.39

1.1.1 Fixed Defects

- [ZLLER95-776] Remember Last used TCP connection
- [ZLLER95-814] Override Network Key in the Security Settings doesn't work
- [ZLLER95-924] RF Receiver button is not disabled for ZIP
- [ZLLER95-930] PC Controller can't change TX Power Level parameters in the Transmit Settings view using all allowed values.
- [ZLLER95-932] Firmware update (OTA) for 700 series serial API controller
- [ZLLER95-942] PC Controller sends Wake Up No More Information to Sensor PIR with Transmit Option = autoroute/ACK/retransmission
- [ZLLER95-604] PC controller invokes Transport service at the wrong frame length
- [ZLLER95-735] Status line not updated correctly after Smart Start inclusion
- [ZLLER95-753] Pc Controller does not handle initiate command during replace failed by inclusion controller
- [ZLLER95-768] Similar DSKs in the provisioning list can prevent smart start inclusion
- [ZLLER95-784] PC Controller must call ZW_AssignSUCReturnRoute when including a node
- [ZLLER95-829] Status for Inclusion Controller Complete is always 0x01
- [ZLLER95-836] PC Controller doesn't reset Test Inclusion Frames params even after reset
- [ZLLER95-877] Automatically set SIS role to DUT during non-secure Inclusion part as an SSC/PC/RPC would do.
- [ZLLER95-878] A way to set contents of Z-Wave Plus Info report (for adjusting the Role Type of the PC Controller).
- [ZLLER95-879] If additional Command Classes are added to the PC Controllers NIF, it should at least return a correct Version Report for these CCs.
- [ZLLER95-880] Option to avoid configuring the wake-up interval automatically after inclusion of a battery device.
- [ZLLER95-881] Option to globally delay all responses for 0 ... 60 seconds in order to test response timer requirements.
- [ZLLER95-882] Leave S2 CC in PCC NIF after S0 key is the only requested/granted key during S2 inclusion of PCC into another network.
- [ZLLER95-893] PC Controller does not answer a Device Specific Get command
- [ZLLER95-907] S2 node included via repeater loses security after Node Info is requested
- [ZLLER95-909] Cancel Firmware OTA update freezes application. Restart required.
- [ZLLER95-911] Option to setup timeouts for request data in Send Data settings
- [ZLLER95-918] Changing Node Info listening options doesn't update listening flag
- [ZLLER95-933] PC Controller only supports "Firmware Update Activation Set Command" version 4
- [ZLLER95-934] Missing Cancel button during OTA Firmware Update for Sensor PIR

- [ZLLER95-940] KEX FAIL isn't send in PC Controller v5.38, so must wait 4 minutes to timeout.
- [ZLLER95-943] PC Controller locks QR code scanning from camera after the first scan
- [ZLLER95-945] PC Controller perform S2 probing of the newly included node with no keys granted
- [ZLLER95-662] PC Controller KEX Get timeout during inclusion is not as per latest S2 spec

1.1.2 Known Defects

- [ZLLER95-691] Extension Counter in security test Schema does not change after its been used.
- [ZLLER95-748] Request node info from secondary lowers the active security on the first controller
- [ZLLER95-823] Wakeup interval is not saved in backup/restore file
- [ZLLER95-892] PC Controller Response with disabled network scheme
- [ZLLER95-936] PC Controller as Inclusion Controller failed to include S0 device securely
- [ZLLER95-937] PC Controller handles supervision encapsulated wakeup notification incorrectly.
- [ZLLER95-938] PC Controller uses transport service on s2 multicast to soon.
- [ZLLER95-939] PC Controller always uses supervision when doing S2 multicast
- [ZLLER95-941] Inclusion PC Controller should not include nodes in Smart Start

References

- [1] Silicon Labs, SRN13757, Software Release Note, Z-Wave PC-based Controller.
- [2] Silicon Labs, INS13114, Instruction, Z-Wave PC-based Controller v5 User Guide.

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