



Software Release Note

Z-Ware SDK 7.14.2

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Version:	1616
Description:	Z-Ware is a Z-Wave Plus v2 SmartStart Web Gateway over ZIPGW. It comes with sample web pages
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Restrictions:	Public

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REVISION RECORD				
Doc. Rev	Date	By	Pages Affected	Brief Description of Changes
1	20180726	SNA	ALL	Cloned for SDK v7.00.00
2	20181112	BYEO	2, 4	SDK v7.00.01 Alpha 3 update
3	20181122	SNA	2, 4	SDK v7.00.02 Beta update
4	20190306	SNA	ALL	SDK v7.11.0 GA
5	20190326	SNA	2,3	Updated component versions for cert; Added certification information
7	20190529	SNA	2,3	SDK v7.11.1: component versions, features
8/9	20190626	SNA	2,3	Updated component versions & features after bug fixes
10	20190731	SNA	ALL	Patch a
11	20190913	SNA	ALL	v7.11.2
12	20191118 20191206	SNA	ALL	V7.13.0 Added techpub edits
13	20200123	SNA	ALL	V7.13.1
14	20200325	SNA	ALL	V7.13.2; removed Portal & Non-Eng UI support
14	20200616	MIKOZIK	3	V7.14.0 Battery CC upgrade to v3
15	20200702	MIKOZIK	ALL	Changed title to 7.14.1
16	20200710	TBOYD	ALL	TechPub review
16	20200714	MIKOZIK	ALL	v7.14.2

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1 Introduction

1.1 Purpose

Z-Ware is a Z-Wave web gateway over ZIPGW (Z-Wave for Internet Protocol Gateway).

This document lists the release artefacts and new features.

2 Contents

2.1 Component Versions

Component	Version
Web server	1.43.00
C Library	10.06.03
PyZWare	1.00

2.2 Documents

Document	Name
Release Notes	SRN14426
Errata	ERN14427
Web User Guide	INS14428
Web Server Installer Guide	INS14486
Web Developer's Guide	INS14430
Library User Guide	INS14606
Library C API Reference Manual	INS14416
Z-Ware Doxygen	zware_dox.zip
PyZWare Doxygen	pyzware_dox.zip

2.3 Images

Platform	Server Files
RPI3B+	zwarelocal-rpi.tar.gz
Ubuntu PC 16.04 LTS 32 bit	zwarelocal-i386.tar.gz
Ubuntu PC 16.04 LTS 64 bit	zwarelocal-x86_64.tar.gz

2.4 Source

File	Description
zware.tar.gz	Web Server & pages. Library is found in src/zwave/hcapi
pyzware_src.zip	PyZWare python source

3 Feature Changes

Z-Wave SDK v7.14.2 is released with ZIPGW & Protocol SDKs v7.14.2. The following sections describe the new features.

3.1 Compliance

This version has been tested on RPi3B+ as the primary hardware platform. This release contains minor changes to release 7.14.1 that passed the Z-Wave Plus v2 certification (case #60113).

3.2 All

- OpenSSL was upgraded to version 1.1.1d
- Fixed various defects – see ERN14427.

3.3 Library

- None

3.4 Device database

- None

3.5 Web Server

- None

3.6 Scenes

- None

3.7 UI

- None

4 Compatibility

4.1 Tested Devices

Release was tested with ZIPGW SDK 7.14.2 and software device emulator.

4.2 Tested Web Browsers

Web Browser	Version
Internet Explorer	Version 11.0.9600.19129 (Windows 7) Version 11.1387.15063.0 (Windows 10)
Chrome	Version 70.0.3538.110
Firefox	Version 63.0.3

4.3 Compatible Devices

List of devices that are untested but expected to work, or are known to work with previous versions of Z-Wave.

Type	Device
S2 Firmware Samples (SDK 7.13.0)	Doorlock Class 2 PIR Sensor Class 0 Powerstrip Class 0 Switch On Off Class 0 Wall Controller Class 1
Binary Sensor	Ecolink Door and Window Sensor Everspring Door/Window Detector SM103 Everspring Motion Detector HSP02 Everspring Z-Wave Lens Changeable PIR Detector SP814 Fibaro Door/Window Sensor FGK-101-107 Fibaro Motion Sensor FGMS-001 Homescenario Motion Sensor (Rebranded Everspring ST815) Linear Corp Door/Window Transmitter WADWAZ-1 Linear Corp Wireless Door/Window Sensor WAPIRZ-1 Linear Door/Window Sensor WADWAZ-1 Schlage Door/Window Sensor Schlage PIR Sensor Vision Door/Window sensor ZD2102EU Vision PIR Motion ZD3102EU Vision Security Door/Window Sensor ZD2102EU Vision Security Door/Window Sensor ZD2112EU Vision Shock Sensor ZS 5101 Wintop iDoorSensor 1182R Zooz Mini Sensor ZSE09

	Zooz Water Sensor ZSE30
Binary Switch	<p>Aeon Smart Energy Switch DSC06106-ZWEU</p> <p>Aeon Smart Switch DCS24-ZWUS</p> <p>Aeotec Smart Switch 6 (EU)</p> <p>Aeotec Smart Switch 6 (EU)</p> <p>Aeotec Smart Switch 6 (US)</p> <p>Aeotec Smart Switch 6 (US)</p> <p>Aeotec Smart Switch DSC-24-ZWUS</p> <p>Climax Power Meter Switch PSM-29ZW-P5</p> <p>Climax Power Meter Switch PSM-29ZW-P5</p> <p>Climax Relay Controller PRL-1ZW</p> <p>Diehl Plug Actuator 2.0 751529-04</p> <p>Everspring On/Off Module AN158-2</p> <p>Fibaro Wall Plug FGWPB-121 (Security 2)</p> <p>Fibaro Wallplug FGWPE/F-102</p> <p>GE In-Wall Smart Outlet 12721 ZW1001</p> <p>GE In-Wall Smart Switch 14291 ZW4005</p> <p>GE Plug-In Outdoor Smart Switch 12720 ZW4201 (On/Off Outdoor Light and Appliance Module)</p> <p>GE Plug-In Smart Switch 12719 ZW4101 (On/Off Light and Small Appliance Module)</p> <p>GE Plug-In Smart Switch 28169 ZW4103</p> <p>GE Z-Wave In-Wall Smart Switch (Toggle) 12727 ZW4003</p> <p>GE Z-Wave In-Wall Smart Switch 12722 ZW4005</p> <p>Go Control Smart Plug-In Outlet PS15Z-2</p> <p>GreenWave Reality Binary Switch NS210-F</p> <p>GreenWave Reality Binary Switch NS210-F</p> <p>Hank RGB Bulb HKZW-RGB01</p> <p>Hank Smart plug HKZW-SO05</p> <p>HANK Smart Plug KZW-SO05</p> <p>Heiman Smatter Metering Plug HS2SK-Z-EU</p> <p>Jasco Plug-In Smart Switch 45703 ZW4101</p> <p>Kuju Insert Module Switch</p> <p>Linear Fixture Module Receiver FS20Z</p> <p>Linear Wireless Siren and Strobe WA105DBZ-1</p> <p>Linear Z-Wave 3-Way Wall Accessory Switch WT00Z</p> <p>Linear Z-Wave Single Wall Outlet W015Z</p> <p>Linear Z-Wave Wall Switch WS15Z</p> <p>Neo Coolcam Siren Alarm</p> <p>NodOn Micro Smart Plug MSP-3-1-01</p> <p>NodOn Micro Smart Plug MSP-3-1-01</p> <p>Philio Technology Corp Smart Energy Plug PAN11-1B</p> <p>Philio Technology Corp Smart Energy Plug PAN11-1B</p> <p>U Fairy Plug Socket GR-201THXN+A3</p> <p>U Fairy Sensor Siren GR-304N</p> <p>Vision Power Monitor ZL 7261DE-5</p> <p>Vision Wireless Siren & Strobe Alarm ZM1601 EU</p> <p>Vision Wireless Siren ZM1602EU-5</p> <p>Wintop iPlug 6941R-BS</p> <p>Zooz Smart Plug ZEN06</p> <p>ZLink On/Off Switch PA-100 (SmartStart Enabled)</p>

Door Lock/ Entry Control	<p>Aeotec Garage Door Controller Gen5 ZW062 August Smart Lock Rev 3 AUG-SL03-C02-S03 (Security 2) Benetek Smart Hidden Door Lock with Deadbolt Danalock V3-BTZE (Security 2) Schlage FE599 Vision Door Lock ZM1701 Yale Keyless Connected (Security 2) August Smart Lock Rev 3 AUG-SL03-C02-S03 (Security 2) iRevo R200-CH (Security 2) Schlage FE599 Vision ZM1701 Yale Real Living Aeotec Garage Door Controller</p>
Multilevel Switch	<p>Aeotec LED Bulb ZW098-C55 Aeotec SmartDimmer6 ZW099-C16 Hank RGB Bulb ZLink Plug-in Dimmer PD-100 (SmartStart Enabled) Aeon Energy Illuminator DSC08101-ZWEU Aeon Smart Dimmer DSC25-ZWUS Aeotec LED Bulb ZW098-C55 Aeotec Smart Dimmer6 Electronic Solutions ABMHZ Multiposition Motor Funk Dimmer Zwischenstecker ZW ZDAN 300 GE In-Wall Smart Fan Control 12730 ZW4002 GE In-Wall Smart Dimmer 12729 ZW3004 GE In-Wall Smart Dimmer 14294 ZW3005 GE Plug-In Smart Dimmer 12718 ZW3103 GE Plug-In Smart Dimmer 14280 ZW3107 GE Plug-In Smart Dimmer 28167 ZW3104 GE Z-Wave In-Wall Smart Dimmer (Toggle) Gradateur 12724 ZW3005 Go Control LB65R6Z-1 Go Control Dimmable LED Indoor Flood Light LBR30Z-1 Hank RGB Bulb HomePro Dimmer ZDP200 Jasco Plug-In Smart Dimmer 45702 ZW3103 Linear Plug-in Dimmer Module PD300Z-2 LinearLinc Smart LED Lightbulb LB60Z-1 Linear WD500Z Z-Wave Wall Dimmer Switch Zipato Bulb RGBWE27ZW.EU</p>
Multilevel Sensor	<p>Aeotec Multisensor 6 ZW100-A Aeotec Multisensor 6 ZW100-C Aeotec Multisensor 6 ZW100-C Everspring Temperature/Humidity Detector ST814 Everspring Wireless Illumination Detector ST815 Everspring Wireless Temperature & Humidity Detector ST814 Home Seer Leak Sensor HS-LS100+ McoHome Technology Co, Ltd Sensor PM 2.5 Monitor Neo Coolcam Motion Sensor Zipato Multisensor Quad PH-PSM02 Zipato Multisensor Quad PH-PSM02</p>

Thermostat	<p>Danfoss Thermostat Radiator Control MT:2650 Danfoss Z-Wave RD Room Sensor DRS21 Danfoss Z-Wave RD Room Sensor DRS21 Devolu Heizkorperthermostat Radiator Control MT:2650 Devolu Raumthermostat Go Control Thermostat Rev 21 (1548) Go Control Thermostat Rev 4 (1529) HeatIT ThermosFloor Thermostat TF 021 HeatIT ThermosFloor Thermostat TF 021 Radio Thermostat CT100 Residential Control System TBZ48 Residential Control System TBZ48 Secure (Horstmann Controls) SRT321 Trane WIBTZW005</p>
Portable Remote Controller	<p>Fibaro button FGPB-101 Fibaro keyfob FGKF-601 Hank Four-Key Scene Controller HKZW-SCN04 Hank Four-Key Scene Controller HKZW-SCN04 NodOn Octan Remote NodOn Octan Remote NodOn The Soft Remote CRC-3-6-01 NodOn Wall Switch CWS-3-1-01 Popp Keypad Wall Controller by Art Anderson CPH Zipato PSR03-1B Z-Wave Remote</p>
Notification Sensor	<p>Aeotec Door Recessed Sensor Gen5 Aeotec Door/Window Sensor 6 [ZW112-A] Aeotec Door/Window Sensor Gen5 ZW120-A Aeotec Water Sensor DSB45-ZWEU Aeotec Water Sensor DSB45-ZWEU (US) Climax Carbon Monoxide Detector CO-8ZW Climax Door Contact DC-15SLZW Climax Motion Detector IR-16SLZW Climax Panic Button PB023ZW Climax Smoke Detector SD-8EL-ZW Climax Water Sensor WS-15ZW Devolu Home Control Rauchmelder Smoke Detector MT:2651 Devolu Motion Sensor MT02647 Devolu Motion Sensor MT02647 Dome Motion Detector Dome Water Sensor Dome Window/Door Sensor Ecolink Door and Window Sensor Everspring Outdoor Motion Detector SP816-1 (Security 2) Fibaro Button FGPB-101 Fibaro Door Window Sensor FGK-104 Fibaro Flood Sensor FGFS-101 Fibaro Flood Sensor FGFS-101 Fibaro Smoke Sensor FGSS-001 GE Hinge Pin Smart Door Sensor</p>

	<p> GE Smart Home Portable Motion Sensor Hank Door/Window Sensor HKZW-DWS01 Hank Motion Sensor HKZW-MS02 (Security 2) Heiman Door Sensor HS1DS-Z Heiman Smart CO Sensor HS1CA-Z Heiman Smart Smoke Sensor HS1SA-Z Linear Motion Detector WAPIZ-1 MonoPrice Door/Window Sensor Neo Coolcam Door/Window Sensor Neo Coolcam PRI Motion Sensor Neo Coolcam Water Sensor Philio Technology Corp Sensor PST02-1A Philio Technology Corp Water Sensor PAT02-1C Samsung Door Sensor SHP-SB100Z Samsung Motion Sensor SHP-SG100Z Strips by Sensitive U Fairy PIR Sensor GR-302N Vision 4in1 Multisensor ZD2201EU-5 Vision 4in1 Multisensor ZP3111EU-5 Vision CO Sensor ZS6301-5 Vision Door/Window sensor ZD2102EU Vision PIR ZD3102EU-5 Vision ZD2105EU-5 Recessed Door Sensor (SmartStart) Vision ZD2112EU-5 Door Sensor (SmartStart) Zipato Multisensor Quad PH-PSM02 Zooz 4in1 Multisensor ZP 3111EU-5 Zooz Contact Sensor ZSE08 </p>
Window Covering	Copenhagen Blinds
Alarm Sensor	<p> Fibaro Flood Sensor FGFS-101 Fibaro Smoke Sensor FGSS-001 First Alert Smoke Alarm GoControl GB00Z Glass Break Detector Vision Wireless Smoke Detector ZS6101 </p>
Ring Home Security System	<p> Base Station Contact Sensor Keypad Motion Detector Range Extender </p>