SIEMENS

DXR1 Firmware Build 54.7.17

Release/Upgrade Notes

A6V13434875

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Smart Infrastructure

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1. Introduction

These Release Notes include all the information on the aforementioned product at the time of the release. The information in this document is not included in the information contained in the user manual.

2. Notes

- This release FW version is compatible with ABT_4.3.
- The factory default (unconfigured state) for the IP network is **DHCP**.
- The factory default (unconfigured state) for the MSTP network number is 1, baud rate is 76800, mac address is 255.
- Clear device is needed when you upgrade FW from V54.2.3 to V54.7.17.

2.1 Corrected defect's (after V54.7.9)

#	Improve or fix functions	details
1)	The value of the pressure sensor and resistance sensor is wrong in US unit	1460214: [DXR1][IO][Unit] The P1 value is not right when the unit is US(inches-of-water). 1476849: [DXR1][IO][P1] the altitude doesn't take effect when change the value from 0 to 425 again. 1448481: [DXR1.M09][DXR1.E09][RUA1] RUA1 Reliability is "configuration-error" on App of US.
2)	Network number can't be auto configured to unconfigureded DXR1 MSTP device via DXR2	1274593: [DXR1][FW][MSTP] network number can not be auto configured via NAM function within DXR2 device
3)	Occupancy mode can't be released on QMX1.M34H	1244038: [DXR1.E09/M09] Modbus input objects update count increase by each cycle even though there is no present value change. 1243818: [DXR1] the command can not be relinquished on priority 13 by press presence button on Room unit.
4)	DXR1 motor can't drive after upgrade FW	1266301: Defect from PCR1261574: DXR1.E02 actuator does not react to position set point.
5)	Y3 is still PWM signal after configure Y3 as PWM signal and Y5 as BI signal and then change Y3 as BI signal and Y5 as PWM signal.	1317825: [DXR1.M09] [HvacFnct30_A] Y3/Y5 IO signal expect Normally open but PWM in actual after testing IO traversal ABT Site choices.
6)	DXR1 MSTP 16pcs/30pcs failed when 30 pcs DXR1 full load at the same time.	1304459: [DXR1] [MSTP] [mass full load application configuration] one of 30 devices failed when do mass full load application configuration for 30 pcs.
7)	Device time is error if conduct time synchronization during the midnight in the country which have daylight-saving time.	1324144: [DXR1] [TimeSync] the local time and local date is "2021-06-04 00:00:12" rather than "2021-06-05 00:00:12" when I send UTC time sync "2021-06-04-Friday-22:00:12" to DXR1 with device UTC offset to -60, time zone:5040 is 27, daylight-savings-status is true.

2.2 Known errors and restrictions

1)	1563841	[DXR1] The unit always shows as SiUn in the application software version like 'AAS-20:AP=FPB053.3.001;SU=SiUn;APT=HvacFnct33_A;APTV=3.001;'
2)	1221984	[DXR1.E09] the TR and SpTR on QMX1.M34H still display 0 after do the configuration via ABT-Go
3)	1271806	[DXR1.E02][HvacFnct27_A] the configurable parameters should showing in table "Default values" on ABT-Site, but they were hidden currently.

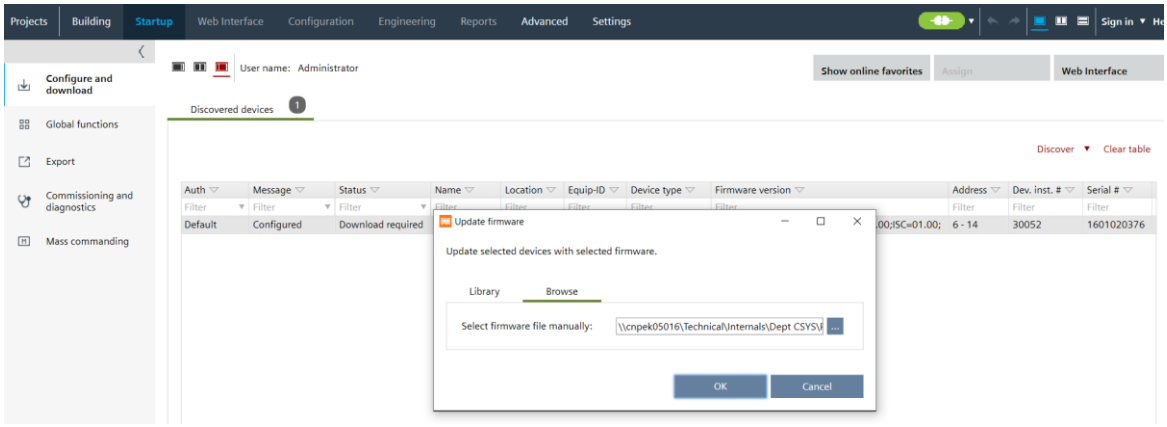
2.3 New Features

1)	1241360	[DXR1.E/M] [Global Commanding] the performance of global commanding needs to be enhanced.
2)	1179606	Support for POL903.00/100 WLAN stick

3. Installation

Upgrading firmware using ABT Site

1. Connect the power supply to the DXR1 board.
2. Open ABT site.
3. Setup a connection to an automation station.
4. Select **Update** tab. Select the device to be upgraded using the checkboxes in the engineered devices tab or in the online devices tab.



5. Select the Update firmware command button. The device firmware will update.

4. Additional information and field support

Additional information on products and applications are available

- at your local system supplier
- at your next Siemens office (http://www.buildingtechnologies.siemens.com/)
- on the Siemens internet at https://support.industry.siemens.com/cs/products?mfn=ps&pnid=19127

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