

EngINN Release notes

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Date: **13-August-2021**

Version	Date	Description	Author
1.00.00	07-Mar-2016	First draft document	AAN
1.00.01	25-Aug-2017	Appended subsection in Changes from previous version as old version changes	AAN
1.00.02	8-Dec-2017	Appended subsection in Changes from previous version as old version changes	SAK
1.00.03	11-Mar-2019	Updated with changes for EngINN 1.4 release	AKS
1.00.04	24-Dec-2019	Updated with changes for EngINN 1.5 release	AKS
1.00.05	14-Jan-2021	Updated with changes for EngINN 1.6 release	AKS
1.00.06	01-Apr-2021	Updated with changes for EngINN 1.7 release	AKS
1.00.07	13-Aug-2021	Updated with changes for EngINN 1.8 release	AKS

Revision History

Review

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1 Purpose

The document specifies the features supported in EngINN version 1.1.

The purpose of the Release Notes is to communicate the major new features/enhancements/defect fixes in this release of the EngINN Software. It also documents known problems and its respective work-around as applicable.

2 Standards and References

2.1 Standards

Ref.	Title	Author	Date
#N1	NA	NA	NA
#N2			

2.2 References

Ref.	Title	Author	Date
#R1			
#R2			
#R3			

3 Abbreviations

Abbreviation	Meaning
EMS	Energy management system
UI	User interface

4 Definitions

Definition	Meaning

5 Installation Procedure

Installation procedure mentioned here is for internal Honeywell users only. Outside users like ASIs, should get the latest EngINN through INNCOM (dealer's area) website.

Prerequisite: Valid internet connectivity for installation and connected to Honeywell network.

Note –

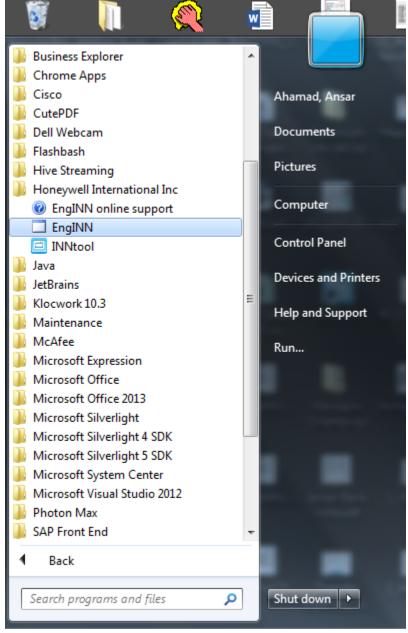
- 1. New installation Following apply for fresh installation -
- Download EngINN
- Double Click to open the setup.exe and install the application.
- Once installed, double click the shortcut created on the desktop to open the EngINN.

2. Update existing

This procedure shall work for already installed EngINN users

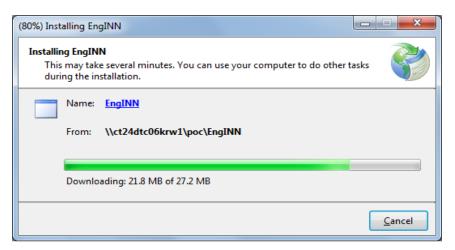
Following steps needs to follow for update

• Select installed EngINN as per below screen



• Uninstall the application.

• Follow the steps for new Installation as mentioned in point 1.



• EngINN shall open once download completed.

6 Supported Operating Systems

Windows 7 (English) 32 and 64 bit

7 Application features

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File Help										
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	X08		1							
	ModevaWBIUS		3							
	S5Board		1							
	New Artwork1 - Switch		1							
	New Artwork2 - Switch		1							
	New Artwork3 - Switch		1							
	K594		1							
	S241-FlushSwitch		1							
	S541 RF		1							
	Power Supply Devices									
	PS564		1							
	Scene Details									
Deployment Data	Welcome		0							
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▶ 8578 2										
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		0								
		Manage Rooms	Welcome Configuration	Scene Designer	Сору	Assign Addresses	Device Management	Manage Drapes & Circuits	Applications Server	
1	r									Disconnected (1)

Figure 1 : EngINN application sample screen

EngINN application left section have two subsections/ trees, design data and deployment data.

- Design data tree consist all available room type and its devices as child node.
- Deployment data shall have node of actual room instances and child node as device instances.

Following are the features supported by design data (Room type)

S. No.	Features
1	Right section shall show summary based on selected node of design data tree.
2	Manage Rooms
	Provide facility of manage rooms for deployment data.
	 Add delete and modify Building, floor, wing and rooms. Convert room into suit. Change room ID

3	Tool shall have ability to change welcome configuration and scene designer.						
4	Сору Сору						
	Using Copy feature room type copy shall be created by giving name.						
5	Assign addresses						
	 Ability to view and change room device address uniquely. Auto assigning shall assign devices address automatically. 						
6	Device management						
	Following facilities provided.						
	 Allowed to add, delete and modify switch instance of existing available artwork. Allow to add, delete and modify third party switch with MCM4. Lam Controller devices like L208 Dimmer & relay shall be added and deleted. Dimmer devices like D254_FET, D254_TRIAC and D454_FET shall be added and deleted. Manage drapes & Circuits screen shall provide facility to create logical drapes and circuit. 						
7	Right section shall show summary based on selected node at design data tree.						
8	Configure - User shall be allowed to view and update device configuration using easy editor as well as advance configuration.						
	- Easy editor shall have custom validation specific to device.						
9	Changes made at design data shall automatically reflected at deployment data.						

Following are the features supported by deployment data (Room instance). Many of the features only works when application have valid connection with PC503.

S. No.	Features
1	Right section shall show summary based on selected node of deployment data tree.
2	Configure Configure
	 User shall be allowed to view and update device configuration using easy editor as well as advance configuration. Easy editor shall have custom validation specific to device. After valid changes these icons shall enabled Commit To Room Type Make New Room Type
	 Easy editor shall have custom validation specific to device.
3	Device instance node font color become red when updated configuration not uploaded to actual device instance.
4	Changes made at deployment data shall allow to commit to referred room type or make new room type.
5	Bind - All addressable devices shall be bind using Bind feature.
	 Application shall notify on successful binding/ device online. Configuration upload and download shall only work when device is online. Device address will be update after successful binding.
6	Read configuration Read Configurations
	 Application shall allow to read device configuration after device binding. Configuration read progress shall be listed in Task manager popup. User shall allow to view downloaded configuration using easy editor and advance configuration screens. After configuration read user shall have choice to commit to referred room type or make new room type. Device instance node font color shall become blue when downloaded configuration defer from referred room type device.
7	Write Configuration
	 Tool shall allow user to write device configuration to actual device instance. Device instance font color back to normal (Black) after successful upload.

8	Link Room Type Facility to change linking/ referred of room instance with room type.
9	Application Server Applications Server allow to view and change application server configuration.
10	Ability to reset and factory reset devices using tool.
11	Tool shall have ability to change welcome configuration and scene designer.

Other features

S. No.	Features						
1	Trace Viewer						
	 Trace viewer shall open using icon at tool bar. Window shall show as tab with summary section. Trace viewer shall close using icon at tool bar. Viewer shall show live P5 message. Viewer shall have facility to filter messages using Room ID, message type and source ID. Trace messages shall be filtered automatically based on selected node (Room instance ID or Device instance ID) at deployment data. Provide ability to export/ save messages in file for further investigation. 						
2	Task manager Task manager shall open as popup on Home screen.						
	 Popup shall listed all running tasks (Configuration upload and download). Each item represented as individual task. 						

	 Task shall have fields like Operation type, Room ID, Device ID, Progress, Status, Quality of task, Note and Task Logs. Task manager shall provide facility to Pause and Resume individual task.
3	Settings
	Settings shall launch to view existing communication settings as well allow to alter.
4	Open project file
5	Close Project file
6	Show manage room tree view
7	Show Edge router lookup
8	Status bar shall show connection status of PC503. By clicking settings screen shall open.

S. No.	Limitations
1	Addition and deletion of circuit is not supported.
2	New project file shall not be created using EngINN.
3	Existing room type cannot be deleted from design data.

8 Changes from previous version

8.1 Version 1.8

S. Enhancements/ changes

	⊙ Button Configuration	ONS Function Ty Add more button func		Lighting) ×		Selected Fu Selected Zo Parameter N	Function Detail nction : ON/OFF ne : Zone1 (1)	× nced Configuration
	Switch #	Switch Location	AE Spec	Button	Text	VOICE	AE Sw Function		
	S1_1		SW:	1					
	Evora		Addr:	2					
	11004			3	Button1		ON/OFF Zone1(1)	ON/OFF	-
	MB01		IOMap:	4					
2	Scene levels for Scene Designer: R1				n the virtual	registry c	reated from	n the CBI	.8 device.
2		Scene Nan Scen Enal Zon	e Propert	ies Sc er: 25 ✓ es ▲ Pa	ene 25	registry c	Level	n the CBL	8 device.
2	Scene Designer: R1 Scenes Scene 25 Scene 26 Scene 27 Scene 28 Scene 29	Scene Nan Scen Ena Zon	e Propert me : ne Numbe ble Scene ne / Drape Z4	ies Sc er: 25 ✓ es ▲ Pa	ene 25 articipate	registry c			8 device.

	Button Functions Set Scene Select a Scene Welcome LivingRoom Scene 25 Scene 45 Zones Z2 guration Undo Changes	LivingRoom (17) Level 33 % 75 %	Property Details Supports Hilton Edge Controller No Total Room Types 3 Project Notes
4	Create instance is validated	after command clie	ck and pop-up message shown in case of error.
	Test12Aug01	Room Type Details — RoomType Name Count Device List — D454_FET S5Board S1 - Switch	R3 10 10 10 EnglNN X
	loyment Data	Points of Control — POC-1 Scene Details — Welcome	Roomtype is not fully configured, please verify configuration in INNtool.
		Manage Rooms	Welcome Configuration Scene Designer Copy
5	Issue fixed:		
	 b. Allowed configuration matched. By doing t updated in a device. c. Setting of Lock Proxy d. INNtouch devices, E e. EngINN/INNtool set when the Input is su f. Corrected 9:6 & 193 g. Virtual input registr additional button fut 	h write to write P5 (his EngINN makes to Salto RF by defau MS devices and of the "SYNFIL" bit upposed to be use 3:6:4 Registry defa y is now maintain nction exist. Ivanced configura	efault in the e7/ room gateway. Cached NVRAM every time even 193_6 registry CRC sure that server configuration shall always remain ult when no CELS selected is fixed. ther device address related issues fixed. ts to "10" in Registry 7:1:X:2 DriverConfigFlags d. ault settings for all Thermostats. ed when primary button function is custom and tion changes are retained when opened with

8.2 Version 1.7

S. No.	Enhancements/ changes
1	EngINN deployment data section will now list PC502 as part of the Common Door/BOH Room
	types
	types
	Deployment Data
	▲ Test05Apr01
	▲ Room 1 (R2)
	S541 RF_1 (209)
	MCM4 (30)
	PC502_1 (227)
2	D454.FET Registry 193:6 P5 Cached NVRAM and P5 Cached NVRAM, default value correction
	done.
3	9:10:7 Humidity flags bit-3 ABB – AbortBelowBand.
	Abort current dehumidification cycle if temperature cools below current band [INNCOM Default : 0]
	De-humidificatic 9:10:7-0 HUMIDITY_FLAGS_ABB Low]

8.3 Version 1.6

S. No.	Enhancements/ changes
2	Added support for 6 button American Modeva switch configuration, including easy editor and advance configuration change.
3	Address uniqueness within HVAC zones is now supported for EMS devices as well. User can drag and drop ems devices to any specific HVAC zone based on his requirement in a networked project.
4	DALI implementation extended to support White tone deature. Designed white tone supported zone shall be shown in easy editor.
	EngINN shall discover gear and identify white tone supported gears, allow user to map and update design using drag and drop and click assign mapping.

Design Data • ColorLighting9	Devi O	ce Configurations: PC5	A DUSTRING MARK				
	ge	⊙Control Gear/	Ballast Address Assi	gnment			
	<u> </u>		DALI Zones	a francisco de la composición de la composicinde la composición de la composición de la composición de		Control Gear	
	Device Image	Dali Zone DALIO	White Tone	0 Short Address	Gear# Mapped Zone 2 DALI1	White T	one Trigger Gear
	۵ ا	DALI1		1 0	3 DALI4		Trigger Gear
		DALI2 DALI3		3 O 4 O	4 DALI2		Trigger Gear
Deployment Data		DALI4		2 0	5 DALI3		Trigger Gear
ColorLighting9 Room 101 (Room101	,	DALI5 DALI6		5 O 6 O	6 DALIS 7 DALI6		Trigger Gear Trigger Gear
A Room 112 (Room112 e7_1 (14)	2	ERAL		7 0	8 ERAL		Trigger Gear
D254_FET_1 (20)		whiteTone Tridon		8	9 whiteTone		Trigger Gear
X05R_1 (100) PC50X_1 (152)		white tone Oston			10 whiteTone		Trigger Gear
GS563_1 (22) ModevaSG_1 (51)		To verify control dear phy	sical location in a room, please s	elect a control gear fr	Discover Gear	Assign Mapping	
ModevaDG_1 (52 SwitchPanel 1 MCI)		dress to Control gear, please drag				
GS564_1 (1)	M4 (232)						
PC485_1 (192)			(†			<u>\</u>	
			Back to Summary	Comment To Rosam Type	e Maka New Room Type Adv	anced Configuration	
				_	BLE Connected to Ro	om ID : 112_PC50X_1(152	PC503-Channel : 21 -
Welcome Configuration Name : Welco Scene Number : 0 Zone / Drapes ▲ 21		d Response	Welcome Respon	Dim Le		0	%
Name : Welco Scene Number : 0 Zone / Drapes ▲	Unoccupied			Dim Le	ovel:		%
Name : Welco Scene Number : 0 Zone / Drapes Z1 PC50X_1.1 Z2 PC50X_1.2	Off when unoccupied	•	Welcome Always	Dim Le White Dim Le White	evel:	0 6250 0 6250	% □ % □
Name : Welco Scene Number : 0 Zone / Drapes Z1 PC50X,11 Z2 PC50X,12 Scene desig	Off when unoccupied	•	Welcome Always Welcome Always	Dim Le White Dim Le White	evel:	0 6250 0 6250	% □ % □
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Name : Welco Scene Number : 0 Zone / Drapes Z1 PC50X_1.1 Z2 PC50X_1.2 Scene desig Scene 1	Off when unoccupied	•	Wekcome Always Wekcome Always to manipulate Scene Properties Name :	Dim La White Dim La White individu	evel:	0 6250 0 6250	% □ % □
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Name : Welco Scene Number : 0 Zone / Drapes Z1 PC50X,13 Z2 PC50X,12 Scene Designer: D Scene S Scene 1 Scene 2 Scene 3 Scene 4	Off when unoccupied	•	Wekcome Always Wekcome Always to manipulate Scene Properties Name : Scene Number :	Dim La White Dim La White individu	evel:	0 6250 0 6250	* □ □ * □ □ I at any sce
Name : Welco Scene Number : 0 Zone / Drapes ▲ Z1 PC50X,11 Z2 PC50X,12 Scene desig Scene 1 Scene 2 Scene 4 Scene 5	Off when unoccupied	•	Wekcome Always Wekcome Always to manipulate Scene Properties Name : Scene Number : Enable Scene Zone / Drapes ▲	Dim La White Dim La White individu	evel:	• tone leve	* □ □ * □ □
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Name : Welco Scene Number : 0 Zone / Drapes Z1 PC50X_1.1 Z2 PC50X_1.2 Scene designer: D Scene 1 Scene 2 Scene 3 Scene 4 Scene 5 Scene 6	Off when unoccupied	•	Wekcome Always Wekcome Always to manipulate Scene Properties Name : Scene Number : Enable Scene Zone / Drapes ▲ Z1	Dim La White Dim La White individu	evel:	• tone leve	*
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Name : Welco Scene Number : 0 Zone / Drapes Z1 PC50X_1.1 Z2 PC50X_1.2 Scene Cesigner: D Scene 1 Scene 2 Scene 3 Scene 4 Scene 5 Scene 6 Scene 7 Scene 8	Off when unoccupied	•	Welcome Always Welcome Always to manipulate Scene Properties Name : Scene Number : Enable Scene Zone / Drapes ▲ Z1 PC50X_1.1	Dim La White Dim La White individu	evel: Tone Level: Dim Level: White Tone Level:	• tone leve	*

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		City	-	
		State Country	- United States	
		Zip	-	
	Deployment Data	Phone	-	
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	HVACTesting	CE Certification	No	
		Network Enable	Yes	
		Honeywell Labor Involved	Yes	×.
				Edit
				See Disconnected 📵
6	Secure key configuratior	n is support	ted for edge router	connectivity.
	Added support for config	gure secure	e Edge router.	
	Secure key must be add	led at desin	in data Edge Route	r summary page and same key can be use
	across the all edge route	-	-	Summary page and sume key our be use
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	Edge Router Id	2		
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	PAN	2		
		E.		
	(IP Configuration			
	Use DHCP			
	IP Address	192 . 168 . 0 . 15		
	Network Mask	255 .255 .255 .00		
Deployment Data	MAC Configuration —			
✓ HVACTesting	Set Mac Address			
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Room 103 (Lighting)				
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LightingDef.cfg - Notepad
File Edit Format View Help
; Project Name: DALITesting
; Created Date: 1/29/2021 4:15:13 PM
; EngINN Version: EngINN 1.6.0.31
;-----
; Hotel RoomTypes
; RoomTypeDef=ID,"Name"
;-----
RoomTypeDef=1,"DALI"
RoomTypeDef=2, "BackOfHouseRoom"
RoomTypeDef=3,"RT1"
  _____
; Light Circuit Names for DALI type (1)
; LogicalCircuit(0-255)
; Format:
; LightName=RoomTypeID,LogicalCircuit,"Name"
              _____
 -----
LightName=1,1, "Z1"
LightName=1,1, "21"
LightName=1,2, "Z2"
LightName=1,3, "Z3"
LightName=1,4, "Z4"
LightName=1,5, "Z5"
LightName=1,6, "Z6"
;-----
; Light Circuit Names for BackOfHouseRoom type (2)
; LogicalCircuit(0-255)
; Format:
; LightName=RoomTypeID,LogicalCircuit,"Name"
; Light Circuit Names for RT1 type (3)
; LogicalCircuit(0-255)
; Format:
; LightName=RoomTypeID,LogicalCircuit,"Name"
   _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _
            .....
:-----
; RoomType associated to roomID
; RoomTypeAssociation=RoomID,RoomTypeID
 -----
RoomTypeAssociation=101,1
; Light Runtime Threshold
                 _____
; Set the runtime threshold (hours) for one property, this threshold is
; used as reference to determine when to send a runtime alarm.
```

8.4 Version 1.5

S. No.	Enhancements/ changes
1	New button function added as Dim Set and Rotate Scene, which will support additional button
	function parameter configuration in switch function mapping of INNtool. Dim set will have

	additional nara	meter dim value a	nd rotate scene	will have two or more scen	na narameters for
	configuration.	ameter um value a			
	⊘ Button Config	jurations			
					-
		Function Type	Lighting ~	Button Functions Dim	Set ~
	b1	Add more button function		Select a Zone Z3	~
				Select	Dim Value
					54 %
		Function Type	Lighting ~	Button Functions Rota	te Scene 🛛 👻
	b2	Add more button function		Select a Scene Scen	e1 ~
				Additional Parameters	
				Scene 3 Y None	• None
				None	
		Function Type	Lighting ~	Welcome Button Scene 1 (1)	iene Y
			5 5	Scene 2	
				Scene 3 🛈	
2	PC50X DALLd	evice can be added	in device mana	gement	
_				90	
	Device Management	nt		Devices In Room Type	
	Category :	Protocol converter *		Devices in Room Type	8
	Sub Category :	PC50X ·	Add New	PC50X_1	
	Sub Category .	PC502	Add Hew		
		PC502.DALI			
		PC50X			
3		• • • •	•	editor. All existing DALI Balla	
		•		each zone, details about d	•
	here.	y details and Save.	User can also ec	lit and change the short addr	ess of DALI ZONES

Dali Zone	2	Zone Type	Logical Circuit #	Short Address
Z3 🤤	Γ	Dimmer	3	0
Dimming				
Minimum DIM Level				
Maximum DIM Level			00	
Dimming Rate		Normal	×	
Fade Time		Instant	~	
Power On Level		100%	~	
Z4 😳	E	Dimmer	4	1
Z5 🔂	Γ	Dimmer	5	2
C50X communicate ntrol Gear in right s fferent color indicat	e supported in PC50X e with EngINN over BLE ide panel. Allow user to ion provided to distingu Address Assignment	communication. comap DALI zone	Below UI sha with control	all list all the dis gear by drag a
C50X communicate Introl Gear in right s fferent color indicat Control Gear/ Ballast	with EngINN over BLE ide panel. Allow user to ion provided to distingu Address Assignment	communication. comap DALI zone	Below UI sha with control	all list all the dia gear by drag a napped zones a
C50X communicate Introl Gear in right s fferent color indicat Control Gear/ Ballast DA Dali Zone	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address	communication. comap DALI zone	Below UI sha with control ped and unm	all list all the dia gear by drag a napped zones a
C50X communicate ntrol Gear in right s fferent color indicat Control Gear/ Ballast Dali Zone Z3	with EngINN over BLE ide panel. Allow user to ion provided to distingu Address Assignment	communication. comap DALI zone	Below UI sha with control ped and unm	all list all the dia gear by drag a napped zones a
C50X communicate ntrol Gear in right s fferent color indicat Control Gear/ Ballast DA Dali Zone Z3 Z4	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0	communication. comap DALI zone	Below UI sha with control ped and unm	all list all the dia gear by drag a napped zones a
C50X communicate ntrol Gear in right s fferent color indicat Control Gear/ Ballast DA Dali Zone Z3 Z4	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0 1	communication. o map DALI zone ish between map	Below UI sha with control ped and unm Control	all list all the dia gear by drag a napped zones a
C50X communicate ntrol Gear in right s fferent color indicat Control Gear/ Ballast DA Dali Zone Z3 Z4	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0 1	communication. o map DALI zone ish between map	Below UI sha with control ped and unm Control	all list all the dia gear by drag a napped zones a
C50X communicate Introl Gear in right s fferent color indicat Control Gear/ Ballast Dali Zone Z3	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0 1	communication. o map DALI zone ish between map	Below UI sha with control ped and unm Control	all list all the dia gear by drag a napped zones a
C50X communicate Introl Gear in right s fferent color indicat Control Gear/ Ballast Dali Zone Z3 Z4	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0 1	communication. o map DALI zone ish between map	Below UI sha with control ped and unm Control	all list all the dia gear by drag a napped zones a
C50X communicate Introl Gear in right s fferent color indicat Control Gear/ Ballast Dali Zone Z3 Z4	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0 1	communication. o map DALI zone ish between map	Below UI sha with control ped and unm Control	all list all the dia gear by drag a napped zones a
C50X communicate Introl Gear in right s fferent color indicat Control Gear/ Ballast Dali Zone Z3 Z4	with EngINN over BLE bide panel. Allow user to ion provided to distingu Address Assignment ALI Zones Short Address 0 1	communication. o map DALI zone ish between map	Below UI sha with control ped and unm Control	all list all the dia gear by drag a napped zones a

ogical Circuits	Zones (Lighting circuit	
Groups List		Groups Details
Group 1 (221)	٢	Name : Group 1
		Select Zone(s)
		Z1 (vbnvbn)
		Z2 (bnmbnm)
		Z3 (vbnvbn)
		☑ Z4 (dfgdf)
		Z5 (ghnvnb)
	Add New	

Manage Rooms	Room Configura	ations —	
Show Room IDs	- Room Name	Room 9	
Test24Dec02	Room ID	9	
Room 1 (R1) [1]	Room Type	R3 v	
Room 2 (R1) [2]		R3 *	
Room 3 (R1) [3]	Edge Router	~	
Room 4 (R1) [4]	Convert Roo	m To Static-Linked ty	pe Suite?
Room 5 (R1) [5]	Enable Conn	ecting Door Suite Lin	king?
Room 6 (R2)[6]	Select Associate	ed Connected Room	None
Room 7 (R2) [7]			Room 1
Room 8 (R2) [8]	Update		Room 2
			Room 3
Room 9 (R3) [9]			Room 4
Room 10 (R3) [10]			Room 5
			Room 6
			Room 7
			Room 8
Add New Property Item Remove			Room 10
			None

8.5 Version 1.4

S. No.	Enhancements/ changes	
1	Occupancy based control type zones are not allowed for button function ma editor.	apping in switch easy
	Function Type Lighting Button Functions	Toggle Zone
	Reference Zone	Z1 Z2 (i) Z3 Z4 (i)

Z3 56_2.1	Off when unoccupied (Delay in minut 🔹	20 () Welcome Alway	vs • OFF	20 🖲
	ting of entries in welco columns (Zone, control		•	cending/descending
Tools update configuration	ed to handle 48 scenes page.	; including welcome	e, 47 scenes are liste	d in scene
Multiple Butt	on operation on single	press of Button.		
Additional bu	itton function supported	d in switch button fu	nction mapping.	
	d maximum two additio also be removed if not		for a single button. A	dditional button
⊙Gang 1 I	Button Configuration)		
	Function Type	Lighting •	Button Functions	Toggle Zone 🔹
B1	Add more button function		Select a Zone	Z1 •
			Reference Zone	Z1 •
	Function Type	Lighting •	Button Functions	Toggle Scene
			Select a Scene	Welcome •
			Reference Zone	Z1 •
	Function Type	Unassigned Unassigned Lighting	Button Functions	Unassigned
		Amenities		
For DND/MU	IR and Slider, additiona	al button function is	not enabled to add.	
⊙Gang 1	Button Configuratio	n		
	Function Type	Amenities •	Button Function	Do Not Disturb (E 🔻
DND	Add more button function			

	⊙Gang 2	Button Configuration	٦		
	Slider	Function Type Add more button function	Lighting •	Button Function Select a Zon	e Z1 •
4	configuratior	on function option provi n is changed from advar function or parameter, t	nced configuration	for switch and it is no	t matching with any
	Custom butt	on function is disabled f	or selection.		
		on function shown in ea n and it is not matching	-		
		Button Configuratio			
		Function Type	Lighting •	Button Functions	Dim Zone Up 🔹
	B1	Add more button function		Select a Zone	Z1 •
	B2	Function Type Add more button function	Unassigned 🔻	Button Functions	Custom 🔹 🛈
		Function Type	Lighting •	Button Functions	Toggle Zone 🔹
	B3	Add more button function		Select a Zone	Z1 •
				Reference Zone	Z1 •
	L				
5		existing drape functions	two additional drap	e functions are added	for drape button in
	switch button	function mapping.			

	Sang 1 Button Configurat	ion		
	Function Type B1 Add more button function	Drape •	Select Drape(s)	Open/ Stop Drap: Unassigned Custom Open Drape Close Drape Stop Drape Toggle Drape Open/ Stop Drape Close/ Stop Drape
	"All" option added in parameter selected drape "All" operation selected	ction list for drape ope	rations, Logical drape	e ID set as 0 when
	○ Gang 1 Button Configuration	tion		
	Function Type	Drape •	Button Functions	Open/ Stop Drape 🔻
	B1 Add more button function		Select Drape(s)	All D1 D2
6	Connecting door operation provided	for function type Occu	inancy in switch confi	D3
0	Switch Configurations			guranons.
	Switch Brightness Level Activ	re 100	Passive	13
	Input Enable	Function Ty	/pe	Occupancy •
		Operation	C	Connecting Door 🔹
7	Backend WBI feature supported in E		and zone	
	Evora output configuration displays l	раскена туре апо тар	ppeu zone.	

Output	RELAY	~	Attached Zone	Z1 (20)	
Logical Circuits					
Logical Circuit 1	Z1 (20)		Logical Circuit 3	0	
Logical Circuit 2	0		Logical Circuit 4	0	
mapped. If us	er chooses	-	ured, that is switch winy zone controller to itch.		
Switch Co	nfiguratio	ns			
Switch Co	nfiguratio	ons			
Switch Co Switch Brightne		Active	100 P.	assive	13
	ss Level	Active	100 Pa	assive	13
		Active	100 Pa	assive	13
Switch Brightne	ss Level	Active	100 Pa	No Circuit Attached	13
Switch Brightne Input	ss Level Disa RELAY	Active			13
Switch Brightne Input Output	ss Level Disa RELAY	Active			13
Switch Brightne Input Output Logical Circuit	SS Level Disa RELAY S 1 0	Active	Attached Zone	No Circuit Attached	13

8.6 Version 1.3

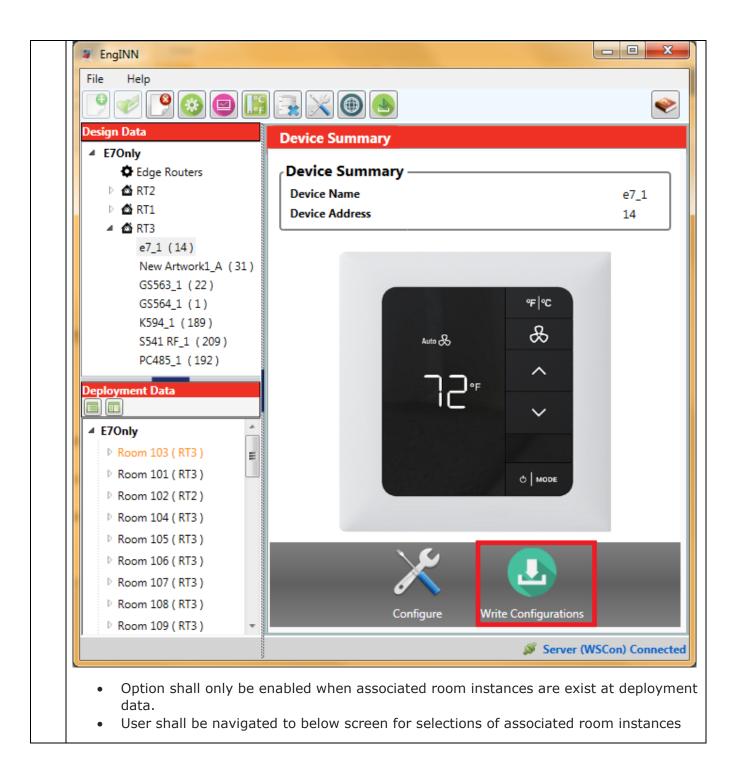
S. No.	Enhancements/ changes
1	Thermostat easy editor extended to support following HVAC sub type of VRV/ VRF

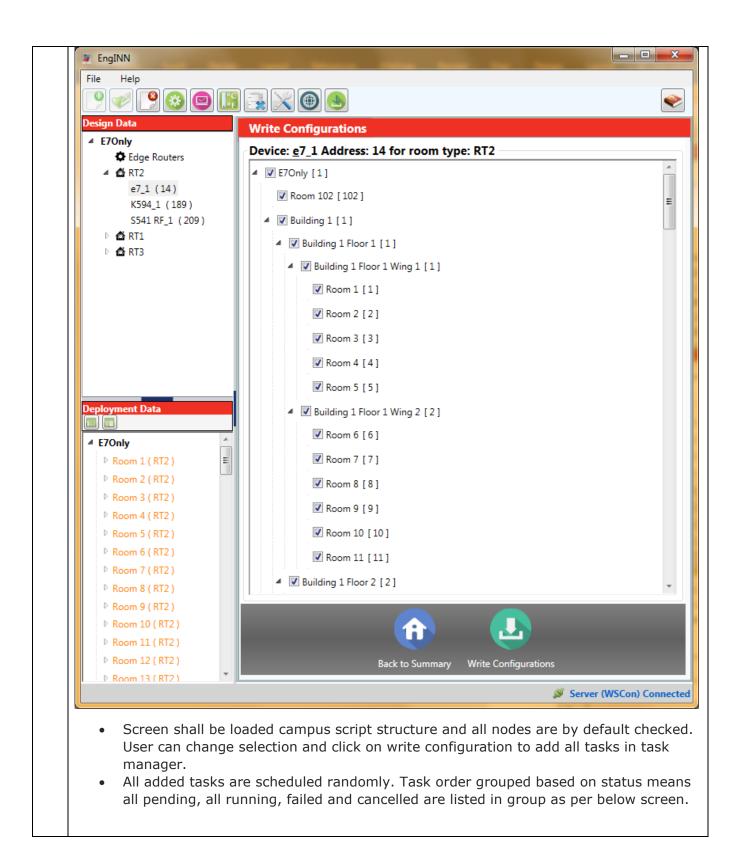
Select HVAC Type © Generic Single Stage Heat / Single Stage Cool (PTAC, 4 Pipe FCU, 2 Pij	on Cool with Electric Heat
2 Pipe Change-over managed internally by aquastat in the HVAC unit	
Deat Pump O-Type (HpO)	
DHeat Pump B- Type (HpB)	
${}^{\circ}$ 2-Pipe System with Change-Over (Includes Pipe Water Temperature S	ensor)
2-Pipe System with Change-Over and Back-up Electric Heat (Includes	Pipe Water Temperature Sensor)
🛛 Cool Only System (No Heat available)	
D Heat Only System (No Cooling available)	
• VRV / VRF	
Select VRV type	
Daikin Heat Recovery	
LG Interface	
Select LG Interface Type	
© 2 Fan speed Cool only	
2 Fan speed Heat and Cool	
Mitsubishi	
e7_1	X05R_1
Relay 1 : Low	Relay 1 : Low
Relay 2 : Medium Relay 3 : High	Relay 2 : Medium Relay 3 : High
Relay 4 : Cooling On/Off	Relay 4 : Cool
Relay 5 : Heating On/Off	Relay 5 : Heat Relay 6 : Fan
	Relay 7 : Operation
	Relay 8 : Thermo

 Generic Single Stage Heat / Single Stage Cool (PTAC, 4 Pipe FCU, 2 Pipe Cool with Electric Heat, 2 Pipe Change-over managed internally by aquastat in the HVAC unit) Heat Pump O-Type (HpO) Heat Pump B- Type (HpB) 2-Pipe System with Change-Over (Includes Pipe Water Temperature Sensor) 2-Pipe System with Change-Over and Back-up Electric Heat (Includes Pipe Water Temperature Sensor) Cool Only System (No Heat available) Heat Only System (No Cooling available) VRV / VRF Select VRV type Daikin Heat Recovery (LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1 Fan Speed 2 stage Heat & 2 stage Cool () 	Sel	ect HVAC Type
 Heat Pump B- Type (HpB) 2-Pipe System with Change-Over (Includes Pipe Water Temperature Sensor) 2-Pipe System with Change-Over and Back-up Electric Heat (Includes Pipe Water Temperature Sensor) Cool Only System (No Heat available) Heat Only System (No Cooling available) VRV / VRF Select VRV type Daikin Heat Recovery () LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat () 		
 2-Pipe System with Change-Over (Includes Pipe Water Temperature Sensor) 2-Pipe System with Change-Over and Back-up Electric Heat (Includes Pipe Water Temperature Sensor) Cool Only System (No Heat available) Heat Only System (No Cooling available) VRV / VRF Select VRV type Daikin Heat Recovery (LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (©н	eat Pump O-Type (HpO)
 2-Pipe System with Change-Over and Back-up Electric Heat (Includes Pipe Water Temperature Sensor) Cool Only System (No Heat available) Heat Only System (No Cooling available) VRV / VRF Select VRV type Daikin Heat Recovery (1) LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 	©Н	eat Pump B- Type (HpB)
 Cool Only System (No Heat available) Heat Only System (No Cooling available) VRV / VRF Select VRV type Daikin Heat Recovery () LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat () 	© 2	-Pipe System with Change-Over (Includes Pipe Water Temperature Sensor)
 Heat Only System (No Cooling available) VRV / VRF Select VRV type Daikin Heat Recovery () LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat () 	© 2	-Pipe System with Change-Over and Back-up Electric Heat (Includes Pipe Water Temperature Sensor)
 VRV / VRF Select VRV type Daikin Heat Recovery (1) LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 	© C	ool Only System (No Heat available)
 Select VRV type Daikin Heat Recovery (1) LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 	©н	eat Only System (No Cooling available)
 Daikin Heat Recovery (1) LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 	<u>۷</u> (RV / VRF
 LG Interface Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 		Select VRV type
 Mitsubishi Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 		🔍 Daikin Heat Recovery 📵
 Select Mitsubishi Type 3 Fan Speed Cool and Heat (1) 		◎ LG Interface
3 Fan Speed Cool and Heat		Mitsubishi
		Select Mitsubishi Type
I Fan Speed 2 stage Heat & 2 stage Cool (1)		I San Speed Cool and Heat
		◎ 1 Fan Speed 2 stage Heat & 2 stage Cool 🕕
	_	
e7_1 Relav 1 : Low		
e7_1 Relay 1 : Low Relay 2 : Medium		
Relay 1 : Low Relay 2 : Medium Relay 3 : High		ay 4 : Cooling On/Off
Relay 1 : Low Relay 2 : Medium		

	Select HVAC Type
	Generic Single Stage Heat / Single Stage Cool (PTAC, 4 Pipe FCU, 2 Pipe Cool with Electric Heat, 2 Pipe Change-over managed internally by aquastat in the HVAC unit)
	◎ Heat Pump O-Type (HpO)
	◎ Heat Pump B- Type (HpB)
	© 2-Pipe System with Change-Over (Includes Pipe Water Temperature Sensor)
	© 2-Pipe System with Change-Over and Back-up Electric Heat (Includes Pipe Water Temperature Sensor)
	© Cool Only System (No Heat available)
	Heat Only System (No Cooling available)
	VRV / VRF
	Select VRV type
	O Daikin Heat Recovery (1)
	© LG Interface
	Mitsubishi
	Select Mitsubishi Type
	S Fan Speed Cool and Heat
	I Fan Speed 2 stage Heat & 2 stage Cool 1
	e7_1 Relay 1 : Low Relay 2 : Second Stage Heating On/Off Relay 3 : Second Stage Cooling On/Off Relay 4 : Cooling On/Off Relay 5 : Heating On/Off
2	 Supported bulk Write configuration at design data (selected device at room type level). When user selects any programable device at room level as per below screen

Design Data	
▲ E7Only	
Edge Routers	
RT2	
RT1	
4 ݣ RT3	
e7_1 (14)	
New Artwork1_A (31)	
GS563_1 (22)	
GS564_1 (1)	
K594_1 (189)	
S541 RF_1 (209)	
PC485_1 (192)	





	Task Manage						
	Operation Typ		Device	Progress	Status	Notes	Task Logs
		82	14		WaitCheckDeviceType	Verifying type of Device in EngINN with actual device	Show Details
		67	14		WaitCheckDeviceType	Verifying type of Device in EngINN with actual device	Show Details
		24	14		WaitCheckDeviceType	Verifying type of Device in EngINN with actual device	Show Details
		40	14		WaitCheckDeviceType	Verifying type of Device in EngINN with actual device	Show Details
		34	14		WaitCheckDeviceType	Verifying type of Device in EngINN with actual device	Show Details
ļ		11	14		Cancelled	Verifying type of Device in EngINN with actual device	Show Details
ļ		13	14		Cancelled	Verifying type of Device in EngINN with actual device	Show Details
ļ		5	14		Error	Error: Maximum attempts exceeded.	Show Details
ļ		80	14		Error	Error: Maximum attempts exceeded.	Show Details
		3	14		Error	Error: Maximum attempts exceeded.	Show Details
ļ		46	14		Error	Error: Maximum attempts exceeded.	Show Details
ļ		1	14		Error	Error: Maximum attempts exceeded.	Show Details
ļ		72	14		Pending		Show Details
		73	14		Pending		Show Details
		71	14		Pending		Show Details
ļ	G	70	14		Pending		Show Details
			_	Pause	de facility to	an Up Cancel Export Task Statu take snapshot of all tasks i	
	u	ising "E	Export	shall provid Task Status	Resume Cle	an Up Cancel Export Task Statu	_
	u Edge rou	using "E uter PA	Export N ID ra	⁻ shall provid Task Status ange validati	de facility to " on 2-254 add	an Up Cancel Export Task Statu	in portable .csv file
	u Edge rou Supporte	using "E uter PA ed easy	N ID ra	shall provid Task Status ange validati	Resume Cle de facility to ," on 2-254 add esigned Mode	an Up Cancel Export Task State take snapshot of all tasks i d in UI	in portable .csv file
	u Edge rou Supporte Over the	uter PA ed easy air ope	N ID ra v editor	shall provid Task Status ange validati for newly de only allowed	Resume Cle de facility to " on 2-254 ado esigned Mode d when room	an Up Cancel Export Task State take snapshot of all tasks i I in UI eva British slandered with o instance mapped with valid	in portable .csv file versized buttons Edge router.
	u Edge rou Supporte Over the	uter PA ed easy air ope	N ID ra v editor	shall provid Task Status ange validati for newly de only allowed	Resume Cle de facility to " on 2-254 ado esigned Mode d when room	an Up Cancel Export Task State take snapshot of all tasks i I in UI eva British slandered with o	in portable .csv file versized buttons Edge router.
	u Edge rou Supporte Over the Project fi reopen.	uter PA ed easy air ope ile prote	N ID ra	shall provid Task Status ange validati for newly de only allowed	Resume Cle de facility to g" on 2-254 add esigned Mode d when room sum. File mod	an Up Cancel Export Task State take snapshot of all tasks i I in UI eva British slandered with o instance mapped with valid	in portable .csv file versized buttons Edge router.
	Edge rou Supporte Over the Project f reopen. Switch in Reference	uter PA ed easy air ope ile prote nstance ce zone	N ID ra v editor eration ected u e start t e parar	shall provid Task Status ange validati for newly de only allowed using checks from _1 inste neter selecti	Resume Cle de facility to " on 2-254 add esigned Mode d when room sum. File mod ead of _A on allowed fo	an Up Cancel Export Task Statu take snapshot of all tasks i d in UI eva British slandered with o instance mapped with valid dified other than INNtool and or British Modeva switches	in portable .csv file versized buttons Edge router.
	Edge rou Supporte Over the Project f reopen. Switch in Reference	uter PA ed easy e air ope ile prote nstance ce zone o maste	N ID ra v editor eration ected u start f parar er for m	shall provid Task Status ange validati for newly de only allowed using checks from _1 inste neter selecti	Resume Cle de facility to " on 2-254 add esigned Mode d when room sum. File mod ead of _A on allowed fo	an Up Cancel Export Task State take snapshot of all tasks i d in UI eva British slandered with o instance mapped with valid dified other than INNtool and	in portable .csv file versized buttons Edge router.
	Edge rou Supporte Over the Project fi reopen. Switch in Reference Fan map second s	uter PA ed easy e air ope ile prote nstance ce zone o maste stage h int impr	N ID ra v editor eration ected t e start f e parar er for m eat.	shall provid Task Status ange validati for newly de only allowed using checks from _1 inste neter selecti nedium fan s	Resume Cle de facility to gr on 2-254 add esigned Mode d when room sum. File mod ead of _A on allowed fo peed disable	an Up Cancel Export Task Statu take snapshot of all tasks i d in UI eva British slandered with o instance mapped with valid dified other than INNtool and or British Modeva switches	in portable .csv file versized buttons l Edge router. d EngINN cannot be
	Edge rou Supporte Over the Project fi reopen. Switch ir Reference Fan map second s Significa configura	uter PA ed easy e air ope ile prote nstance ce zone stage h int impr ation	N ID ra v editor eration ected u e start f e parar er for m eat. oveme	shall provid Task Status ange validati for newly de only allowed using checks from _1 inste neter selecti nedium fan s	Resume Cle de facility to 3'' on 2-254 add esigned Mode d when room sum. File mod ead of _A on allowed fo peed disable communicat	an Up Cancel Export Task State take snapshot of all tasks i d in UI eva British slandered with o instance mapped with valid dified other than INNtool and or British Modeva switches d when HVAC type selected	in portable .csv file versized buttons l Edge router. d EngINN cannot be
	Edge rou Supporte Over the Project fi reopen. Switch ir Reference Fan map second s Significa configura	uter PA ed easy e air ope ile prote nstance ce zone o maste stage hunt impr ation d perfor	N ID ra v editor eration ected t e start t e parar er for m eat. oveme rmance	shall provid Task Status ange validati for newly de only allowed using checks from _1 inste neter selecti nedium fan s ent in PC503 e of manage	Resume Cle de facility to 3'' on 2-254 add esigned Mode d when room sum. File mod ead of _A on allowed fo peed disable communicat	an Up Cancel Export Task State take snapshot of all tasks i d in UI eva British slandered with o instance mapped with valid dified other than INNtool and or British Modeva switches d when HVAC type selected	in portable .csv file versized buttons l Edge router. d EngINN cannot be
	Edge rou Supporte Over the Project fi reopen. Switch in Reference Fan map second s Significa configura Improved Help doo Drag and	uter PA ed easy e air ope ile prote nstance ce zone stage h nt impr ation d perfor cument d drop o	xport N ID ra eration ected u e start f e parar er for m eat. oveme rmance update of S45	shall provid Task Status ange validati for newly de only allowed using checks from _1 inste neter selecti nedium fan s ent in PC503 e of manage ed. 1.RF windov	Resume Cle de facility to on 2-254 add esigned Mode d when room sum. File mod ead of _A on allowed for peed disable communicat room. v device allow	an Up Cancel Export Task State take snapshot of all tasks i d in UI eva British slandered with o instance mapped with valid dified other than INNtool and or British Modeva switches d when HVAC type selected	in portable .csv file versized buttons Edge router. EngINN cannot be d as HpO or HpB w d and write device

14	Maintain device uploaded and dirty state on every project file reopen to accomplish device instance node color representation red(dirty) or black(uploaded).
15	Corrected application server configuration for multiple HVAC zone with networked and nonnetworked rooms.
16	Enhancements and bug fixes.

8.7 Version 1.2

S. No.	Enhancements/ changes
1	Certifications (CQC-China and CE) details are added in property details screen. Both the options will remain disabled for selection as we are not supporting to select those from EngINN
2	Corrected parameter configuration of X45RA for welcome configurations.
3	Performance improvement for E7 OTA configuration.
4	Assigned RF and Pan id for room instance to 26 and 0 respectively if attached to B576 edge router.
5	Assigned Edge Router's RF channel and Pan Id value to room instance once room is attached to edge router.
6	When Manage Room, option is selected either from toolbar added option for selection of room type in combo box (like edge router). All the valid rooms are listed and enabled, invalid are not enabled for selection.
7	Subnet mask is displayed in decimal as well as Age (in seconds) column added in edge router discovery screen. Age displays time duration from last beacon received from edge router.
8	Shown Point of control summary when user clicks on HVAC zone in case of multi POC room.
9	Added analog output support for e7 and x47.
10	Added ability to sort edge router devices based on column values.
11	Enhanced HVAC equipment operation section in thermostat easy editor page to show relay distribution based on configuration selection as shown in following fig.

○ HVAC Equipment Opera	tion			
Fan Operation when Temperature Satisfi	ed (Room Occupied)	San Low 🤅	Fan Off	
HVAC & Valve Type	PTAC			Change
Fan Type/ Fan Speed	Traditional	fan type(Low,High)		Change
e7_1 Relay 1 : Low Relay 2 : Disabled Relay 3 : High Relay 4 : Disabled Relay 5 : Disabled			X47s_1 Relay 1 : Disabled Relay 2 : Heating Close Floating Relay 3 : Cooling Close Floating Relay 4 : Cooling Open Floating Relay 5 : Heating Open Floating	

8.8 Version 1.1

S. No.	Enhancements/ changes					
1	Allow user add Edge router in deployment data tree section.					
	Following are the Edge router features.					
	 Deployment tree shall provide facility to view room instance under edge router node if associated. By default only room instances list shall be shown in deployment tree. Deployment tree shall have button to switch view between default and edge router linking view. Both button shall have tooltip as "Displays full list of Rooms for this property" & "Displays full list of Rooms along with their association with Edge routers" Room instance node shall show in orange color when edge router linking missing with tooltip as "Cannot communicate with Server because of no linkage with Edge Router". Edge router summary screen added as per below screen 					
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	lge router id will be start by default 2. User can set to 1 if needed.
	lge router id range is between 1 to 65535. Iow user to drag and drop multiple room instance on valid Edge router. Tooltip
	all be shown when drop not allowed.
	C803 only supports 1 room instance to associate and B576 shall support 70 roo
	stances. Validation handled with proper tooltip for user.
	lge Router Teach by Service Mode supported.
	low user to discover available edge routers. When any new edge router discov nd not found in project file than show that as Ad-hoc. Ad-hoc further shall be a
	project file.
	low user to manage edge routers as per below screen.
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	Teach by MAC Press the Blue Configuration Button on Edge Router Device. Then press Send Configuration button. Configurations General Configurations Edge Router Name B578 2
	Teach by MAC Press the Blue Configuration Button on Edge Router Device. Then press Send Configuration button. Configurations General Configurations
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Figure 4: Edge Router configurations shall run as background task. Task status shall be available in task window.	Cesign Data 4 15June1512	Edge Router Configuration
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Figure 3: Edge Router Configuration with Tech by MAC • Provide screen for edge router lookup as per below Image: Configuration with Tech by MAC • Provide screen for edge router lookup as per below Image: Configuration with Tech by MAC • Provide screen for edge router lookup as per below Image: Configuration with Tech by MAC • Provide screen for edge router lookup as per below Image: Configuration with Tech by MAC • Figure 4: Edge Router lookup screen • Edge Router configurations shall run as background task. Task status shall be available in task window.	Deployment Data	
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Figure 4 : Edge Router configurations shall run as background task. Task status shall be available in task window.	Figure 3. Eu	ge Router Computation with Tech by MAC
Figure 4 : Edge Router configurations shall run as background task. Task status shall be available in task window.		
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Figure 4 : Edge Router lookup screen • Edge Router configurations shall run as background task. Task status shall be available in task window.		
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Figure 4 : Edge Router lookup screen Edge Router configurations shall run as background task. Task status shall be available in task window.	Celign Data 4 15June1512 Celign Routers	Edge Router Configuration Edge Router Lookup Device Id Device Name RX Channel RX Up Starter PAddress Subnet Mask Use DIVCP MAC Address Is Advhoc
Figure 4 : Edge Router lookup screen Edge Router configurations shall run as background task. Task status shall be available in task window.	Design Data	Edge Router Configuration Edge Router Lookup Device Id Device Name RX Channel RX Up Starter PAddress Subnet Mask Use DIVCP MAC Address Is Advhoc
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Status of Edge router as Unknown' indicates that connection to Edge Router through server cannot be established Image: Status of Edge router as Unknown' indicates that connection to Edge Router through server cannot be established Image: Status of Edge Router lookup screen Edge Router configurations shall run as background task. Task status shall be available in task window.	Celap Rotes 15Juet312 Cite Rotes RT2 RT2 Deployment Data	Edge Router Configuration Edge Router Lookup Device Id Device Name RX Channel RX Up Struct Subnet Mask Use DIVCP MAIC Address Is Advice
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	Preparent Data	Edge Router Lookup Edge Router Lookup
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3	Changed the text "Download Configuration" to "Read Configurations" AND "Upload Configuration" to
4	"Write Configurations" Supported B578-L Edge router in EngINN
5	Manage rooms layout changed to list view as per below screen. Add, update and delete operations modified. This will allow to manage room instances for selected room type.
	Prevente the
6	On and Off switch function added for relay type of circuits.
7	Added drape run time property for advance configuration.
8	Relay zones shall be disabled for Dim up and Dim down switch function.
9	 Changed text for HVAC & Valve type as per follow Heat Pump South to Heat Pump B-type Heat Pump North to Heat Pump O-Type
10	Disabled Upload, download, reset etc buttons when room has device address conflict.
11	Updated all UI where X45RA show with channel number, Now channel shall show in pair if paired. Example 1-4, 2-6, 3-7 & 4-8.
12	Improved "Manage Drapes & Circuit" screen performance.
13	Toggle zone allowed for relay kind of zones

14	Fixed the issue related to Virtual output for Evora switch, in few cases INNtool was generating virtual output even if the zone controlled by the switch itself.
15	Added the new value of DeviceType for E-series of Thermostat.
16	US Gang Modeva Switches: With Single Shelf s/w all version of 5 buttons (along with Slider) Modeva switches can be supported by tools.
17	Linking of Suites to Room type and Edge Router is supported.
18	Deployment Data tree view is updated to show Suites.
19	Improved trace message window performance and resolve application sluggish. Horizontal auto scroll bar position shall not reset to home on every new message.
20	Added 2 new SAC alarm description SAC_ALARM_DEVICE_DRAPE_STATUS = 0x0036 and SAC_ALARM_RING_BELL = 0x0010
21	Task window shall automatically open when user add any task like read write configuration etc.
22	New icon added for EngINN tool. Same icon shall be shown with background task.
23	Open and New project shall be disabled with tool tip when project already opened.
24	Tooltip icon and text for PAN ID is shown in room summary.
25	US Gang Modeva Switches: Fixed the issue related to alignmnet of virtual index for dual gang US Modeva switch
26	Fixed the Medium Fan speed related configuration issue
27	Updated Equipment Type parameter under 9:18.
28	Parameter values correction for Relays corresponding to selected HVAC type
29	Enhancements and bug fixes

S. No.	Known Issues
1	Below assert message shall be shown when communication medium is server.
	Frequency : Very low
	Work around : Abort EngINN and restart

