POSEIDON Asistent 1.6.6

New features (1.6.4 --> 1.6.6)

New devices support:

- P8 R 4 DLA I, P8 R 1 DLA I, P8 R 0110 Z
- P8 T 8C S (8-channel contact state transmitter)
- P8 R 2 DIN/DATA (receiver with RS-485 interface)
- P8 LR HC>V02 (customer's variant of P8 LR HC)
- Applications updates for P8 TR IP a P8 GWA DIN

New functions:

• Indication of active TCP/IP interface to the RF part of the P8 TR IP or P8 GWA DIN device

Copen (Copen)	Save	X Setup	Disconnect	Read Al	Write	↑ Changes	Modbus App suspended! In E	► RF ର E049F0	
>>>			l 🔎 S	earch	〕 Info	🔿 Link	s RF Range		

• The Modbus Modbus Merrin button was added to the toolbar of the application with a notification of an active TCP/IP connection to the RF part of the device. The button is only displayed if a TCP/IP connection is active. When writing or reading data from devices, this button is not displayed, in its place is the progress of reading/writing. Gradually over time since the last communication via TCP/IP, the color of the button changes from transparent (grey) to bright yellow and after about 10 minutes to a deeper yellow. Pressing the button displays a message that is also displayed in the floating help. If the RF interface device is in the project, the name of this interface is also displayed.



- Advanced settings and device status P8 GWA DIN (for VAR. 40, VER 3.1)
 - The button "Test connection" is now also in the lower part. It allows you to verify and subsequently read or write even in cases where the user is already on another settings tab.

Introduction	V-buttons	V-percent	Tx Data	Relays	Blinds				
P8 TR IP O AMR-CP2x									
Modbus TCP Params									
IP 17	172.16.2.139 Setup								
UID 1			Set	UID					
	Checking connection								
Description	Modbus	s registers							
Checking connection									

- o Memory of unwritten changes to the MODBUS configuration
 - If a change is made in the device pairing maps to the gateway and the change is not written, the write and read buttons are always colored

Read Write

- However, if written changes wasn't made immediately and the form was closed, then after reopening the user was no longer alerted to the status of unwritten changes to the MODBUS configuration map.
- Newly, PA saves this information when closing the form and recolors the buttons when opening (only works when using PA 1.6.5 and later)!
- If the application in the device provides information about active TCP/IP (Var40/Ver31), the user is notified by an icon in the lower left corner of the form



 If the application in the device provides the status of the backup battery (Var40/Ver31), then its status is displayed using an icon next to the device ID.

Application Setup						✓ 🖉 P8 R R I
App.No 40 - Ba	asic of P8 GW	A DIN				✓ ✓ Ø P8 R R I
Version 3.1	Visibility mode		~			
	Devices ID	#E049F0	•			
			The voltage status	s of the backup battery is 3,01 V. A valu	ue lower th	an 2,10 V is considered discharged.

• A battery icon is displayed and a floating tooltip shows the current voltage and recommended lower limit for the device type.



- If the application in the device supports the remote command to reset the RF part (Var40/Ver31), then the "X" button is appeared in the service mode of the application.
 - The button is located and displayed behind the RF ID of the device.



Available only under application service password

• Added support for new object type P8T_Data (Var40/Ver31)

		Duttons	v-percent	TX Data	Relays Bl	linds	Dimmers	Buttons	Contacts	Percent	Analogs	Data	Data exp	port
						т	x Data (P	BT_Data_)					
Code	#Code	Туре	Desc											Modbu
0	#0	9x int16	P8T_Dat	ta_1										19000
- P8T_	Data ((0)												
- P8T_	Data ((Desc	0) c P8T_D	ata_1			V	'alues ty	pe 9x ir	nt16				~	
- P8T_	Data ((Desc	0) c P8T_D	ata_1			V	'alues ty	pe 9x ir	nt16				~	
- P8T_ - Modbu Index	Data (C Desc us Data	0) 2 P8T_D a <i>falue_1</i>	ata_1 Value_2	Value	3 Valu	V. ue_4	'alues ty <i>Value</i>	pe 9x ir .5 Val	nt16 ue 6 V	alue_7	Value	8 V	✓	Transmit
- P8T_ -Modbu Index 1900	Data ((Desc us Data	0) c P8T_D a falue_1 9001	ata_1 Value_2 19002	Value	3 Valu 3 190	V. ue_4	Values ty	pe 9x ir 5 <i>Val</i> 5 19	nt16 ue_6 V	'alue_7 9007	Value_	8 V 3 1	Value_9 9009	Transmit 19010
- P8T_ Modbu Index 1900 #000	Data ((Desc us Data (00 1 0 #	0) P8T_D a <i>falue_1</i> 9001	ata_1 Value_2 19002 #0000	Value 1900: #0000	3 Valu 3 190) #00	V ue_4 004 000	'alues ty Value_ 1900 #0000	pe 9x ir 5 <i>Vali</i> 5 190 9 #00	nt16 ue_6 V 006 1	′alue_7 9007 ¢0000	Value 1900 #0000	8 V. 3 1 #	✓ falue_9 9009 €0000	Transmit 19010 #0001
P8T_ Modbu Index 1900 #000 0	Data ((Desc us Data 0 1 0 1 0 4	0) c P8T_D a falue_1 9001 :0000	ata_1 Value_2 #0000 0	Value_ 19003 #0000 0	3 Vall 3 190 9 #00 0	V. ue_4 004 000	/alues ty <i>Value</i> 1900 # 0000 0	9 9 y ir 5 190 190 0 #00 0	nt16 006 1 000 #	/alue_7 9007 ≇0000	Value 19008 #0000 0	8 V 3 1 9 #	<pre> v talue_9 9009 0000 0 </pre>	Transmit 19010 #0001 1

- This object enables the transmission of messages between P8 GWA DIN devices.
- Nine 16-bit numbers (values -62736 to +62735) can be sent in each message. In the beginning of the message, the data can be distinguished (identified) by the Index value (0 to 15).
- Added support for new object type P8R_Data (Var40/Ver31)

Úν	od Virtuální tlač	iitka	Virtuální procenta	Tx Data	Spínače	Žaluzie	Stmívač	e Tlačítka	Kontakty	
	Procenta Analogové veličin		veličiny		Data		Export	dat		
				Data (P8P	R_Data_)					
	Přístroj			Adre	esa		Modbu	sData		
1	Data V/V[0] (AE0058	180	00	700 s		3[0] (P8 R 2 DI				
2	2 Data tx ch2[0] (AE0058)				10	700 s		AE3000		
3	Data tx ch3[0] (AE00	58)		180	20	700 s	18120	\$0000	0	
4	Data tx ch4[0] (AE0058)				30	700 s				
5	Tx data E1, E2[0] (P8	R 2 DIN	/DATA - Preset 1)	180	40	700 s				
6	Tx data E3, E4[0] (P8	R 2 DIN	/DATA - Preset 1)	180	50	700 s				
7	Tx data E5, E6[0] (P8	R 2 DIN	/DATA - Preset 1)	180	60	700 s	18121	\$0000	0?	
8	Tx data E7, E8[0] (P8	R 2 DIN	/DATA - Preset 1)	180	70	700 s	18122	\$0000	0?	
9	Tx data E1-L1[0] (P8	R 2 DIN	DATA - Preset 2)	180	80	700 s	18123	\$0000	0?	
10	Tx data E1-L2[0] (P8	R 2 DIN	DATA - Preset 2)	180	90	700 s	18124	\$0000	0?	
11	Tx data E1-L3[0] (P8	R 2 DIN	DATA - Preset 2)	181	00	700 s	18125	\$0000	0?	
12	2 Tx data E1-SUM[0] (P8 R 2 DIN/DATA - Preset 2)			181	10	700 s	18126	\$0000	02	
13	13 Tx data E1+E2+E3[0] (P8 R 2 DIN/DATA - Preset 3)			181	20	700 s	1812/	\$0000	02	
14	Tx data E1[0] (P8 R 2	2 DIN/DA	TA - Preset 3)	181	30	700 s	18128	\$0000	07	
15	Tx data E2[0] (P8 R 2	2 DIN/DA	TA - Preset 3)	181	40	700 s	18129	\$0000	Ur	
16	Tx data E3[0] (P8 R 2	181	50	700 s						

- Designed to receive VARIANT type messages from up to 16 sources (P8T_Data broadcast objects). These messages broadcast P8 GWA DIN var. 40 or P8 R 2 DIN/DATA
- RETR auxiliary channel added to the right side of the tree



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- o Make the indication of the active RETR function in the device easier
- Allows to create links even for devices that do not have any other output channels active (P8 T 8C S)

• Expansion in the graphics of P8 LR xxx devices

- Added "Command" context menu for selected device channels
 - In this menu, some commands can be called directly, without the need to open the settings form



- Added support for a function that can temporarily change the function of the indicator LEDs under the lens of the device.
 - The tool is available via the "Command" context menu for the "Movement" channel



- The motion detection indication is preset in the mode:
 - The green LED lights up for approx. 500ms each time the motion detector is triggered
 - When the "Motion Detection" channel stabilizes to the OFF state, the red LED lights up permanently
- Designed for temporary testing/verification of motion detector detection zones.

Extended settings for the new P8 R 4 DLA N and P8 R 4 DLA I devices

Added "Application Controller DALI" subgroup to tree context menu



- There are two available commands for directly displaying the settings
 - DALI application controller



- The behavior of the device (DALI controller) after switching on the power is mainly determined
- DALI luminaires connected to the DALI bus (Luminaire settings)
- The device status in the settings form has been expanded to include the "DALI controller" tab

Channel 1	Channe	el 2 Char	nnel 3 Cl	nannel 4	State and	control	DALI con	troller	0
Errors of individually control gears (luminaries)									
🗸 🗸	🗸 A1	🗸 A2	🗸 🗸	(A4)	(A5)	(A6)	(A7)	(A8)	(A9)
(A10)	(A11)	(A12)	(A13)	(A14)	(A15)	(A16)	(A17)	(A18)	(A19)
(A20)	(A21)	(A22)	(A23)	(A24)	(A25)	(A26)	(A27)	(A28)	(A29)
(A30)	(A31)	(A32)	(A33)	(A34)	(A35)	(A36)	(A37)	(A38)	(A39)
(A40)	(A41)	(A42)	(A43)	(A44)	(A45)	(A46)	(A47)	(A48)	(A49)
(A50)	(A51)	(A52)	(A53)	(A54)	(A55)	(A56)	(A57)	(A58)	(A59)
(A60)	(A61)	(A62)	(A63)						
*) The status of only those lights that are controlled by this device is displayed. Status is verified automatically in longer periods. The change may take several minutes to take effect.									

It is used to display error symptoms of individual controlled luminaires

- The device only monitors luminaires that it knows and has a set map for their control
- You can use the button to call up the process of querying the status of the luminaires.
- By default, automatic polling takes place only once every few minutes.
- The control chain of the given light is displayed in the contextual help (control map)
- The "Setup of connected DALI lamps" tool has been expanded and improved Setup of connected DALI lamps P8 R 4 DLA N ×

Connected lamps searching Read lamps with addres	is
Scan and address all connected	d lamps
Lock the DALI bu	s and a second sec
Grouping Lamp setup	
Available lamps	G0 << AC0: Channel 1
	>> A2 : (A2) (G0) <<
	G1 << AC1: Channel 2
	>> A3 : (A3) (G1)
	G2 << AC2: Channel 3
	>> A0 : (A0) (G2)
	G3 << AC3: Channel 4
	>> A1 : (A1) (G3)

CG = control gear (LED driver, ballast,...); AC = application controller (in RF device); A0-A63 =short address assigned to CG; G0-G15 = group address (uses AC to control CG).

- Grouping has been corrected to respect the current map of assigned DALI groups to device output channels.
 - E.g. P8 R 4 DLA I has default group control G4-G7
 - Newly, the basic 4 output channels are also distinguished by color (and in several parts of the device settings anyway)
- In the "Lamps setup" tab, it is now also displayed for control groups according to the application controller channel, the assigned output channel of the device. When selecting a group or a light that is controlled by one of the first 4 channels, the tool is colored.

Grouping Lump setup			
DALI bus devices (CG) DALI bus devices (CG) CBLI futerface ABL AC: (A2) CBL AC: (A	^	OFF MIN 64 128 A3:(A3) Parameter VERSION EN 62386-1 DEVICE TYPE GTATUE	192 MAX Read All * Value Desc.
→ A3 : (A3) → A3 : (A3) → A3 : (A3) → A0 : (A0) → A0 : (A0) → A3 : (A1)		STATUS PHYSICAL MINIMUM MIN LEVEL MAX LEVEL POWER ON LEVEL SYSTEM FAILURE LEV	E

- For the P8 R 4 DLA I device, a tool for changing the control map of groups of DALI luminaires has been added
 - In the context menu of the left tree in "Lamp setup", options are displayed for groups to set the control of the selected group with the required output of the application controller (one of the dimmable output channels of the device is already mapped to this AC output in the device).

Setup of connected DALI	lamps C32000
Grouping Lamp setur	p
DALI bus devices (C	CG) OFF MIN 64 128 192 MAX Read All * Interface
	Set G0 group control by output AC0 <- Channel 1 Set G0 group control by output AC1 <- Channel 2 Set G0 group control by output AC2 <- Channel 3 Set G0 group control by output AC3 <- Channel 4

- The function of direct change of the desired output value has been extended
 - supports 2xClick on the texts "0%", "100%" and on the text with the current value. If 2xClick is performed, a new setpoint of 0%, 100% or 50% is immediately sent to the device. This function is not available for the original form used for P8 R 01-10N, P8 R DALI N, P8 R D I devices.
 - 2xClick on the inscription "Level" will set the desired value to Minimum, according to the channel settings.



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