# **Practical tip:** Integration in LDSWin for WRG 3010 x / GLT x010

- Excerpt from the Operating Instructions -



#### Eckelmann AG

**Business Unit Refrigeration and Building Automation** Berliner Straße 161 65205 Wiesbaden Germany

Telephone +49 611 7103-700 Fax +49 611 7103-133

elds-support@eckelmann.de www.eckelmann.de

Board of Management: Dipl.-Ing. Peter Frankenbach (Spokesman), Dipl.-Wirtsch.-Ing. Philipp Eckelmann, Dr.-Ing. Marco Münchhof Chairman of the Supervisory Board: Hubertus G. Krossa

Deputy Chairman of the Supervisory Board: Dr.-Ing. Gerd Eckelmann Registration court / registration number District court Wiesbaden, HRB 12636

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#### www.eckelmann.de/elds

You reach all relevant documents for this component directly using the QR code:



https://edp.eckelmann.de/edp/lds/\_s8FYYIEckc

Information on safety and connection instructions are described in detail in chapter "Industrial safety notes".

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The visualisation pages must first be imported into LDSWin for parameterisation and operation of a WRG 3010 x or GLT x010, here using the example of a WRG 3010 E:

(i) **Requirement:** A dongle with rights as "BMS project engineer" is required to import visualisation pages into LDSWin.

In order to check whether the used dongle has these rights, this information can be retrieved in the "Help" menu in LDSWin:



If a WRG 3010 x or GLT x010 has been connected in the E\*LDS system via the CAN bus, the entry "BMS" is displayed in the menu bar in LDSWin:

🐻 Long Distance	Service for Windows 2.4 Markt: Tests	tände\WRG3010E\
<u>D</u> atei <u>M</u> arkt GLT	Kühl <u>s</u> tellen Kälte <u>a</u> nlagen <u>F</u> unksensorer	A <u>n</u> sicht <u>H</u> ilfe
	Konfiguration der GLT	👿 🖳 🖺 (
Marktübersich	GLT-Benutzer konfigurieren	Sollwerte GCBP LV
.15/29 °C	GLT Entwurfsmodus	
VS 01		

(i) If this entry is missing, then either the controller has not been detected by the system centre or the dongle does not have rights as "BMS project engineer".

The following order in the procedure must be strictly observed for the import:

- 1. Open the menu "BMS" and select the submenu "Configuration of the BMS".
- 2. Then the following window with all data points opens:

	Kanal-Referenz	Name	Pos	Einheit	Wert	Skaliert	<u>^</u>	hinzufügen
	100	Anforderung NT			0	0,00		
	102	Anforderung HT			0	0,00		löschen
	106	Not Stopp			0	8,00		
	108	SSM Pumpe NT			0	16,00		Kopieren
	110	SSM Pumpe HT			0	32,00		sortieren nach
	112	Anforderung Klima			0	0,00		Kanal ID
	114	FST Kaltwasser TH8			0	128,00		Kalialito
	116	Ventil KW offen			0	0,00		Kanal Name
	118	Ventil KW geschloss			0	0,00		Einheit
)	120	U.ventil = WRG			0	0,00		
1	122	U.ventil = Kaltw.			0	0,00		Kanal Typ
2	124	SSM Pumpe Klima			0	16,00		Kanal-Referenz
3	126	Ventil NT auf			0	0,00	-	

**Note:** This list is empty if the store is being created for the first time. The "Load" button **(a)** must be clicked to import the "glt.cfg" (configuration file with all data points); then the following window opens:

LDS Öffnen			×	
Suchen in: 🏭 Lieferung 🗸 🗸	G 🤌 📂 🛄 🗸			
Name	Änderungsdatum	Тур	Größe	
WRG3010E Signalliste glt.cfg WRG3010E Signalliste.pdf WRG3010E Expandition	28.11.2019 14:43 16.04.2019 14:59 16.04.2019 11:55 19.12.2017 15:27 11.12.2019 11:53	Dateiordner FEP-Datei CFG-Datei PDF-XChange Vie Amwendung	4 KB 41 KB 93 KB 1.700 KB	
•	III		Þ	
Dateiname: WRG3010E Signalliste glt.cfg	Dateiname: WRG3010E Signalliste glt.cfg Ülfinen			
Dateityp:		•	Abbrechen	

The file "WRG3010 Signalliste glt.cfg" or "GLTx010 Signalliste glt.cfg" must be selected there and loaded into LDSWin by clicking the "Open" button.

Then the "glt.cfg" must be sent to the system centre by clicking on the "Send" button (b).

3. The individual visualisation pages can be imported if the data points have been loaded both in LDSWin and in the system centre.

Change mode must be activated in LDSWin for this:

Loss Long Distance Service for Windows 2.4 Markt: Teststände\WRG3010E\Teststand_WRG3010E_V1_1 V7.02	+ 🔒
Datei Markt GLT Kühlstellen Kälteanlagen Eunksensoren Ansicht Hilfe	
	Marktzeit: 13:54 10.02.20
Marktübersicht WRG3010E Sollwerte HT NT Leisungssignal Sollwerte GCBP LWP Klima WRG3010E_K F_Kalibrierung	
-15/29 °C VS 01	Änderungsmodus aktivieren

Tip: Change mode is deactivated by clicking the button again.

4. In the next step, please move the mouse pointer to any position on the current page (outside the menu bar), click the right mouse button and select "Import page" from the menu that opens:



5. Navigate in the page to the directory that contains the subdirectory with the supplied visualisation pages:

LDS Öffnen			×		
Suchen in: 🌗 V1_2 🔹 😨 🏂 📂 🖽 🗸					
Name	Änderungsdatum	Тур	Größe		
F_Kalibrierung.pex Sollwerte GCBP LWP Klima.pex Sollwerte HT NT Leisungssignal.pex WRG3010E_pex WRG3010E_K.pex	04.06.2019 15:55 04.06.2019 15:54 28.11.2019 14:43 04.06.2019 15:47 04.06.2019 15:55	PEX-Datei PEX-Datei PEX-Datei PEX-Datei PEX-Datei	114 KB 105 KB 79 KB 179 KB 149 KB		
Dateiname: Export.pex			Öffnen		
Dateityp: Seitenexport-File (*.pex)	typ: Seitenexport-File (".pex)				

Note: All visualisation pages have the file type "PEX" (Page EXport).

6. Select the required visualisation pages and click on "Open". Then the following window is displayed, here using the example of a WRG 3010 E:

Offset für Kanalreferenz addieren	×				
Kanalreferenz anpassen für					
Min. Kanalreferenz Offset Kanalreferenz Max. Kanalreferenz					
Addieren Sie einen Offset auf die Kanalreferenzen des ausgewählten Seiten-Controls oder Gruppen-Controls Auf alle Kanalreferenzen der Controls, die im Bereich zwischen "Min" und "Max" liegen, wird "Offset" aufaddiert. Für den "Offset" sind ebenfalls negative Werte erlaubt. Die Grenzen und der Offset müssen allerdings so eingegeben werden, so daß nach der Addition die neuen Kanalreferenzen positiv sind.					
<u>Ü</u> bernehmen <u>A</u> bbrechen					

If this is an installation with **only one WRG 3010 E**, this window can be closed by clicking the "Cancel" button and the page is completely imported.

Repeat the steps 4 to 6 until all pages have been imported.

#### (i) ATTENTION

In installations with **only one controller**, the CAN bus address must be set to position 1 (address 122)! For details, see chapter Setting the CAN bus address using decade switch S2

 SPECIAL CASE for installations in which up to a maximum of four WRG 3010 E are installed! On request, the user will receive a separate "glt.cfg" from Eckelmann AG. This contains all data points for the visualisation of the controllers.

In this case, the window (see point 6) must be filled in completely, the corresponding information will be provided separately by Eckelmann AG.

(i) The pages can be moved and changed in their arrangement in LDSWin at any time as long as the change mode is activated.

**Practical tip:** if all pages have been completely imported, the change mode (see point 3) **must** be deactivated again.