



PharmaGuardTrace™

VISUALISING PHARMACEUTICAL INSIGHTS



User Guide

Home Page

Instant access to your live data

Data trends and export



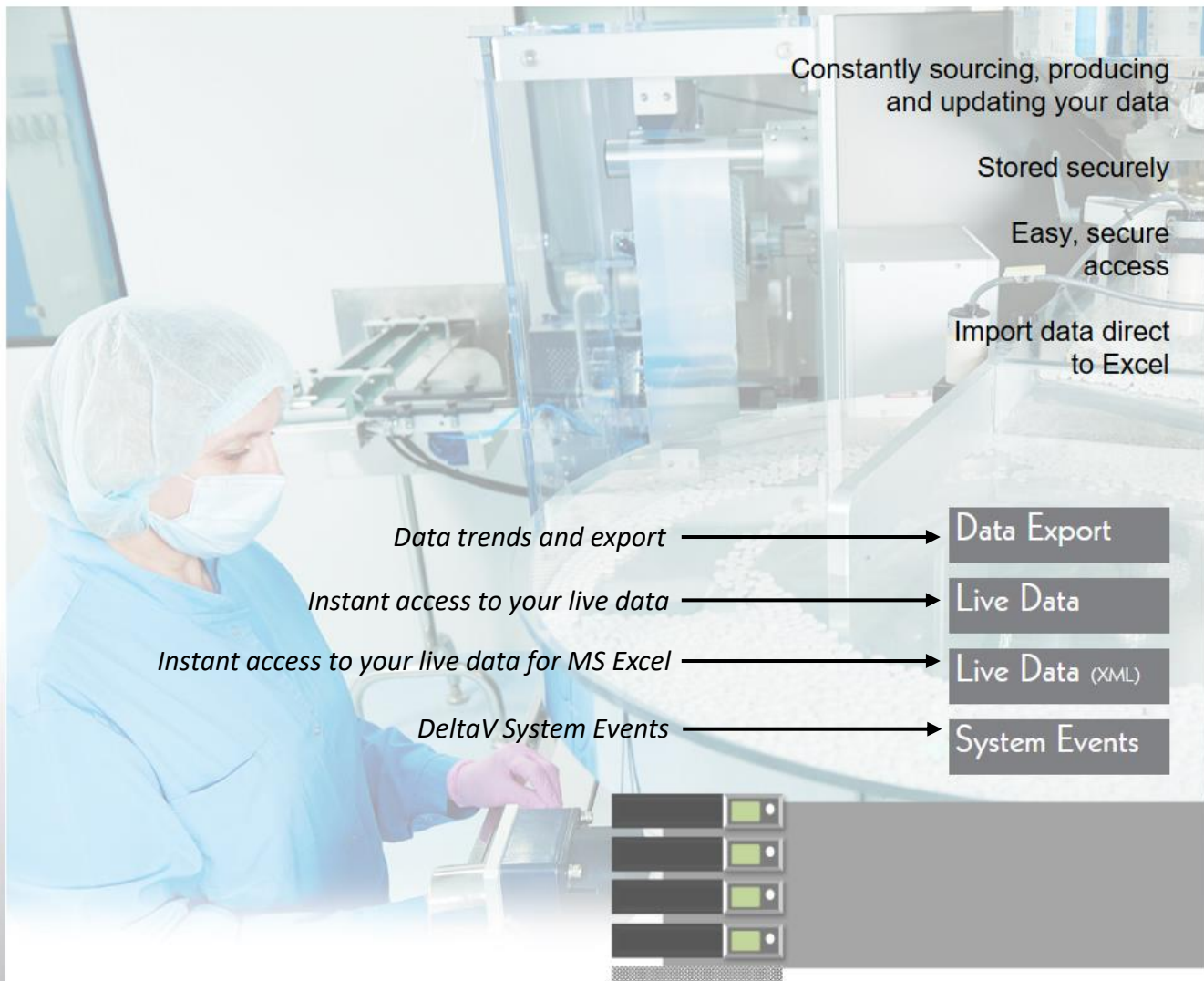
access



analyse



store



Constantly sourcing, producing and updating your data

Stored securely

Easy, secure access

Import data direct to Excel

Data trends and export

Instant access to your live data

Instant access to your live data for MS Excel

DeltaV System Events

Data Export

Live Data

Live Data (XML)

System Events



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Historian Version 6.9.35

User Manual

Live Data

When the 'Live Data' page is selected, this shows the most up-to-date process values.

Live data

Instant access to your most recent data

TAG	VALUE
PV_TANK_LVL	836.63 l
RD_TEMP_DEV	21.2 °C
RD_TEMP_OUT	7.43 °C
RD_TEMP_SRV	20.83 °C
RD_TEMP_WKS	13.91 °C

Auto Refresh

Home

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Your TAG name will be displayed here

This will turn YELLOW if your Warning Limits are within the LO / HI range

Depending on your settings, this will display the Value Unit

Takes you to your SHP® Historian Home Page

Choose the page refresh rate

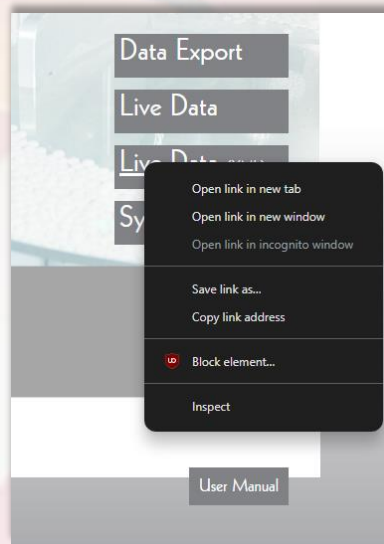
- None
- 5 Seconds
- 10 Seconds
- 15 Seconds
- 30 Seconds
- 60 Seconds

RD_TEMP_DEV	21.08 °C
RD_TEMP_OUT	7.47 °C
RD_TEMP_SRV	20.89 °C

This will turn RED if your Critical Limits are within the LOLO / HIHI range

Live Data (XML)

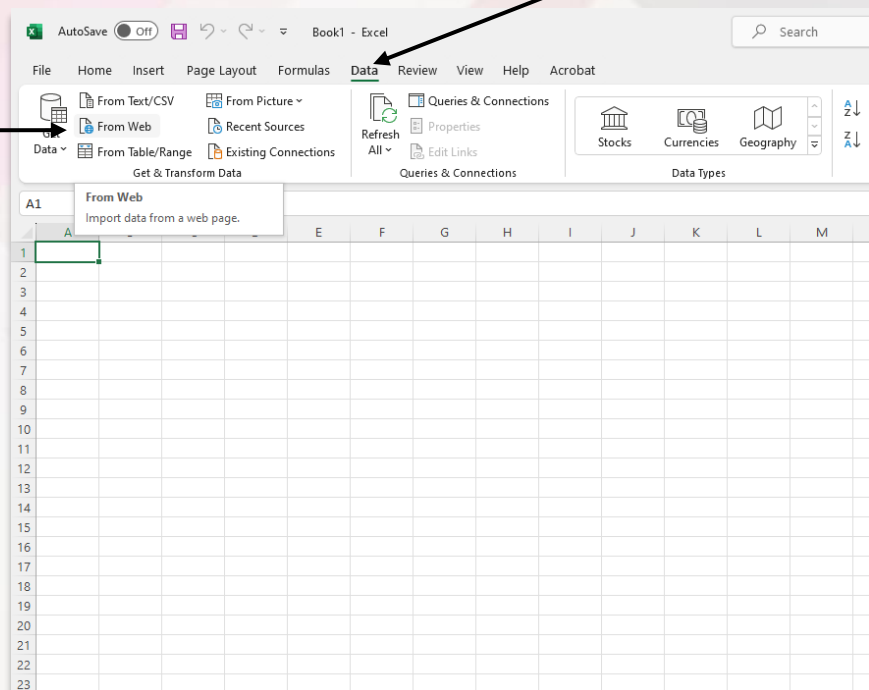
When 'Live Data (XML)' is selected, this feature will be used for the most up-to-date process values in MS Excel.



Right click on 'Live Data (XML)' and select Copy Link / Copy Link Address

Open a Blank Excel sheet and select the 'Data' tab

Then select the 'From Web' option



Live Data (XML)

Continued

Paste the copied link here and press Ok

From Web

Basic Advanced

URL

OK Cancel

This will open a window where you would select the data labelled 'tag'. Click this

Navigator

http://historian.shpautomation.com/?section=L...

tag

No item selected for preview

Load Transform Data Cancel

The data will be shown here

name	value	unit	dec_places	history_datetime	tag
RD_SIM_POT_1	6869	Table	2	28/07/2023 14:57:44	
RD_TEMP_DEV	24.8696	Table	2	28/07/2023 14:07:15	
RD_TEMP_OUT	22.0348	Table	2	28/07/2023 15:06:41	
RD_TEMP_SRV	26.7553	Table	2	28/07/2023 14:18:50	
RD_TEMP_WKS	24.7822	Table	2	28/07/2023 14:54:25	

Load Transform Data Cancel

Press 'Load' to generate the data into the sheet

Press 'Load' to generate the data into the sheet

Live Data (XML)

Continued

Your data will be displayed in MS Excel similar to the image below.
MS Excel 365 was used for this example.

name	value	unit	dec_places	history_tag_crit_enable	history_tag_crit_low	history_tag_crit_high	history_tag_warn_enable	history_tag_warn_low	history_tag_warn_high
RD_SIM_POT_1	6370	[Table]	2	0	0	0	0	0	0
RD_TEMP_DEV	24.3648	[Table]	2	0	0	0	0	0	0
RD_TEMP_OUT	26.3648	[Table]	2	1	4	26	1	7	22
RD_TEMP_SRV	26.7777	[Table]	2	0	0	0	0	0	0
RD_TEMP_WKS	24.8476	[Table]	2	0	0	0	0	0	0

In the 'Data' Tab,
select Refresh All to
update the data

name	value	unit	dec_places	history_tag_crit_enable	history_tag_crit_low	history_tag_crit_high	history_tag_warn_enable	history_tag_warn_low	history_tag_warn_high
RD_SIM_POT_1	6370	[Table]	2	0	0	0	0	0	0
RD_TEMP_DEV	24.3648	[Table]	2	0	0	0	0	0	0
RD_TEMP_OUT	26.3648	[Table]	2	1	4	26	1	7	22
RD_TEMP_SRV	26.7777	[Table]	2	0	0	0	0	0	0
RD_TEMP_WKS	24.8476	[Table]	2	0	0	0	0	0	0

When making your MS Excel Spreadsheets please bare in mind the Tag may change its row number depending on other tags being added, removed, hidden or offline.

Data Export

When 'Data Export' is selected, this allows access to historical process data and trends.

Only display tags that contain this text

Navigate to Tag Settings Page

Data export

Collect and export your data direct to Excel

 Filter

- HO_B
- HO_BOILER_PRESSURE
- HO_BOILER_TEMP
- HO_H
- HO_HOTWELL_LEVEL
- HO_L
- HO_LEVEL_HIGH
- HO_R
- HO_RIO_AI2
- PV_T
- PV_TANK_LVL
- RD_S
- RD_SIM_POT_1
- RD_T
- RD_TEMP_DEV
- RD_TEMP_OUT
- RD_TEMP_SRV
- RD_TEMP_WIFI
- RD_TEMP_WKS
- RD_TEMP_DEV2
- RD_TEST_TEMP1

DATE START 13/12/2024 00:00

DATE END 14/12/2024 00:00

Select for Filter to appear

GROUP DATA OPTIONS

- None
- Average
- First Value
- Standard Deviation
- 60 Minutes

Select the Start & End Date / Time period

ORDERING

- Oldest First
- Newest First

EMPTY CELL OPTIONS

- Empty
- Last Value
- Extrapolate Value

OUTPUT OPTIONS

- HTML/Webpage
- CSV (for Excel)
- Google Chart
- Flot Chart

Show Data

Select the Tag(s) you want the data for

Data Export

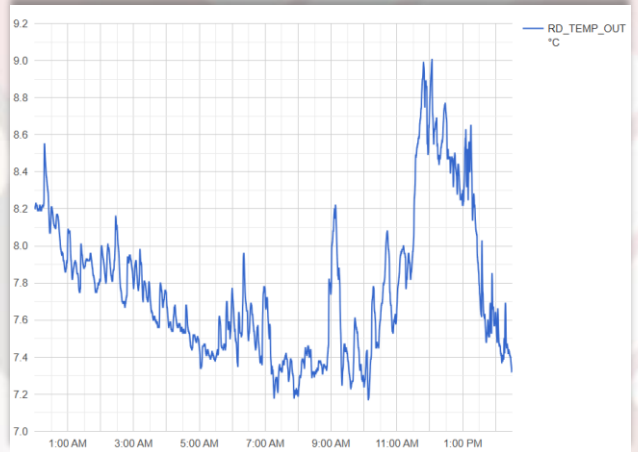
Data Grouping

GROUP DATA OPTIONS

- None
- Average
- First Value
- Standard Deviation
- Minutes

When 'None' is selected, no data grouping will be applied, and all recorded data points will be shown.

DATE/TIME	RD_TEMP_OUT
2024-12-13 00:00:01	8.2 °C
2024-12-13 00:00:06	8.2 °C
2024-12-13 00:00:11	8.2 °C
2024-12-13 00:00:16	8.2 °C
2024-12-13 00:00:21	8.2 °C
2024-12-13 00:00:26	8.21 °C
2024-12-13 00:00:31	8.21 °C

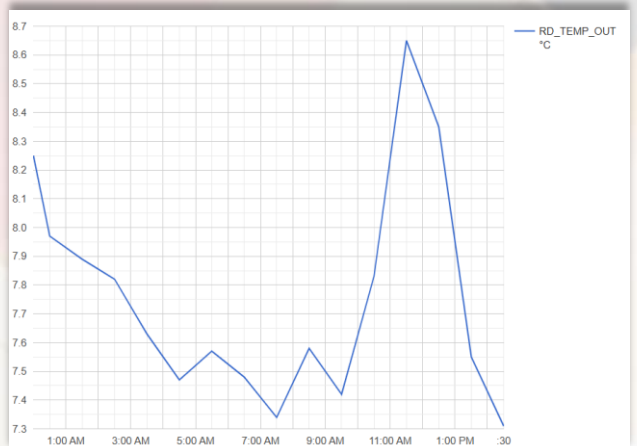


GROUP DATA OPTIONS

- None
- Average
- First Value
- Standard Deviation
- Minutes

When 'Average' is selected, the data is grouped by the amount of minutes that have been entered.

DATE/TIME	RD_TEMP_OUT
2024-12-13 00:00:01	8.25 °C
2024-12-13 00:30:01	7.97 °C
2024-12-13 01:30:02	7.89 °C
2024-12-13 02:30:02	7.82 °C
2024-12-13 03:30:02	7.63 °C
2024-12-13 04:30:02	7.47 °C



Data Export

Data Grouping

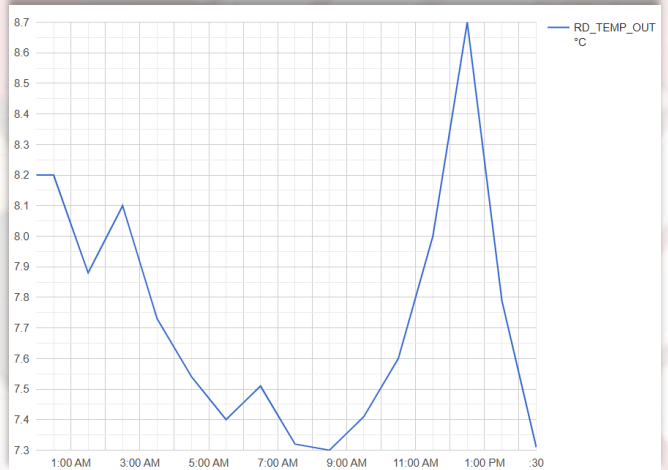
Continued

GROUP DATA OPTIONS

- None
- Average
- First Value
- Standard Deviation
- 60 Minutes

When 'First Value' is selected, only the first data point of the selected minutes is shown.

DATE/TIME	RD_TEMP_OUT
2024-12-13 00:00:01	8.2 °C
2024-12-13 00:30:01	8.2 °C
2024-12-13 01:30:02	7.88 °C
2024-12-13 02:30:02	8.1 °C
2024-12-13 03:30:02	7.73 °C
2024-12-13 04:30:02	7.54 °C

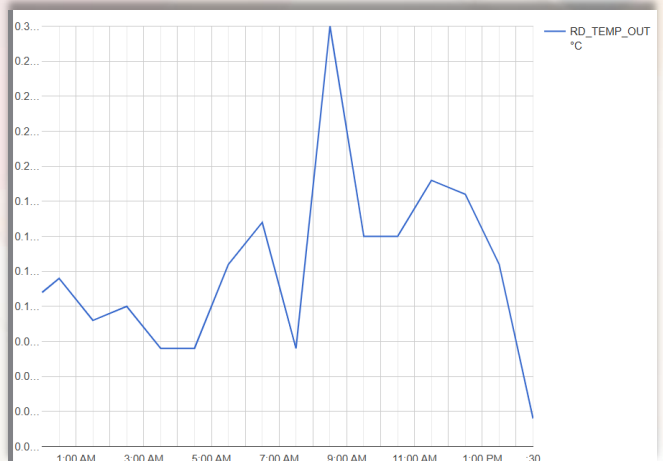


GROUP DATA OPTIONS

- None
- Average
- First Value
- Standard Deviation
- 60 Minutes

When 'Standard Deviation' is selected, the data is grouped by the amount of minutes that have been entered.

DATE/TIME	RD_TEMP_OUT
2024-12-13 00:00:01	0.11 °C
2024-12-13 00:30:01	0.12 °C
2024-12-13 01:30:02	0.09 °C
2024-12-13 02:30:02	0.1 °C
2024-12-13 03:30:02	0.07 °C
2024-12-13 04:30:02	0.07 °C



When 'Oldest First' is selected, the data is ordered by Date & Time Ascending.

ORDERING

Oldest First

Newest First

DATE/TIME	RD_TEMP_OUT
2024-12-13 00:00:01	8.2 °C
2024-12-13 00:30:01	8.2 °C
2024-12-13 01:30:02	7.88 °C
2024-12-13 02:30:02	8.1 °C
2024-12-13 03:30:02	7.73 °C

When 'Newest First' is selected, the data is ordered by Date & Time Descending

ORDERING

Oldest First

Newest First

DATE/TIME	RD_TEMP_OUT
2024-12-13 14:30:00	7.31 °C
2024-12-13 13:30:00	7.79 °C
2024-12-13 12:30:04	8.7 °C
2024-12-13 11:30:04	8 °C
2024-12-13 10:30:04	7.6 °C

When 'Empty' is selected, gaps may show in the data due to the process value not changing or the recording frequency is out of sync with each other. These options mainly used for MS Excel.

EMPTY CELL OPTIONS

- Empty
- Last Value
- Extrapolate Value

DATE/TIME	RD_TEMP_OUT	PV_TANK_LVL
2024-12-13 14:38:00		836.99 l
2024-12-13 14:37:55	7.36 °C	835.31 l
2024-12-13 14:37:50	7.36 °C	832.62 l
2024-12-13 14:37:45	7.36 °C	832.34 l
2024-12-13 14:37:40	7.37 °C	833.35 l
2024-12-13 14:37:35	7.37 °C	834.06 l

When 'Last Value' is selected, the previous process value will be shown in the empty cells.

EMPTY CELL OPTIONS

- Empty
- Last Value
- Extrapolate Value

DATE/TIME	RD_TEMP_OUT	PV_TANK_LVL
2024-12-13 14:38:20	7.36 °C	838.61 l
2024-12-13 14:38:15	7.36 °C	836.37 l
2024-12-13 14:38:10	7.36 °C	839 l
2024-12-13 14:38:05	7.36 °C	838.75 l
2024-12-13 14:38:00	7.36 °C	836.99 l

When 'Extrapolate Value' is selected, the empty cell data values are filled in with the extrapolated value of the difference in process value and difference in time.

EMPTY CELL OPTIONS



Empty



Last Value



Extrapolate Value

DATE/TIME	RD_TEMP_OUT	PV_TANK_LVL
2024-12-13 14:39:20		837.38 l
2024-12-13 14:39:15	7.36 °C	836.96 l
2024-12-13 14:39:10	7.36 °C	838.68 l
2024-12-13 14:39:05	7.36 °C	837.84 l
2024-12-13 14:39:00	7.36 °C	838.95 l
2024-12-13 14:38:55	7.36 °C	839.64 l
2024-12-13 14:38:50	7.36 °C	839.05 l
2024-12-13 14:38:45	7.36 °C	838.78 l

When 'HTML/Webpage' is selected, the data is shown in the web browser displayed as a table.

OUTPUT OPTIONS

- HTML/Webpage
- CSV (for Excel)
- Google Chart
- Flot Chart

DATE/TIME	RD_TEMP_OUT	PV_TANK_LVL
2024-12-13 14:40:40		838.19 l
2024-12-13 14:40:35	7.36 °C	837.1 l
2024-12-13 14:40:30	7.36 °C	837.2 l
2024-12-13 14:40:25	7.36 °C	838.27 l
2024-12-13 14:40:20	7.36 °C	838.85 l
2024-12-13 14:40:15	7.36 °C	838.57 l
2024-12-13 14:40:10	7.36 °C	839.58 l
2024-12-13 14:40:05	7.36 °C	836.77 l

Data Export

Output Options

Continued

When 'CSV (For Excel)' is selected, the data is saved as a .csv format file which you can then open on any computer / device that will read the generated file.

OUTPUT OPTIONS

- HTML/Webpage
- CSV (for Excel)
- Google Chart
- Flot Chart

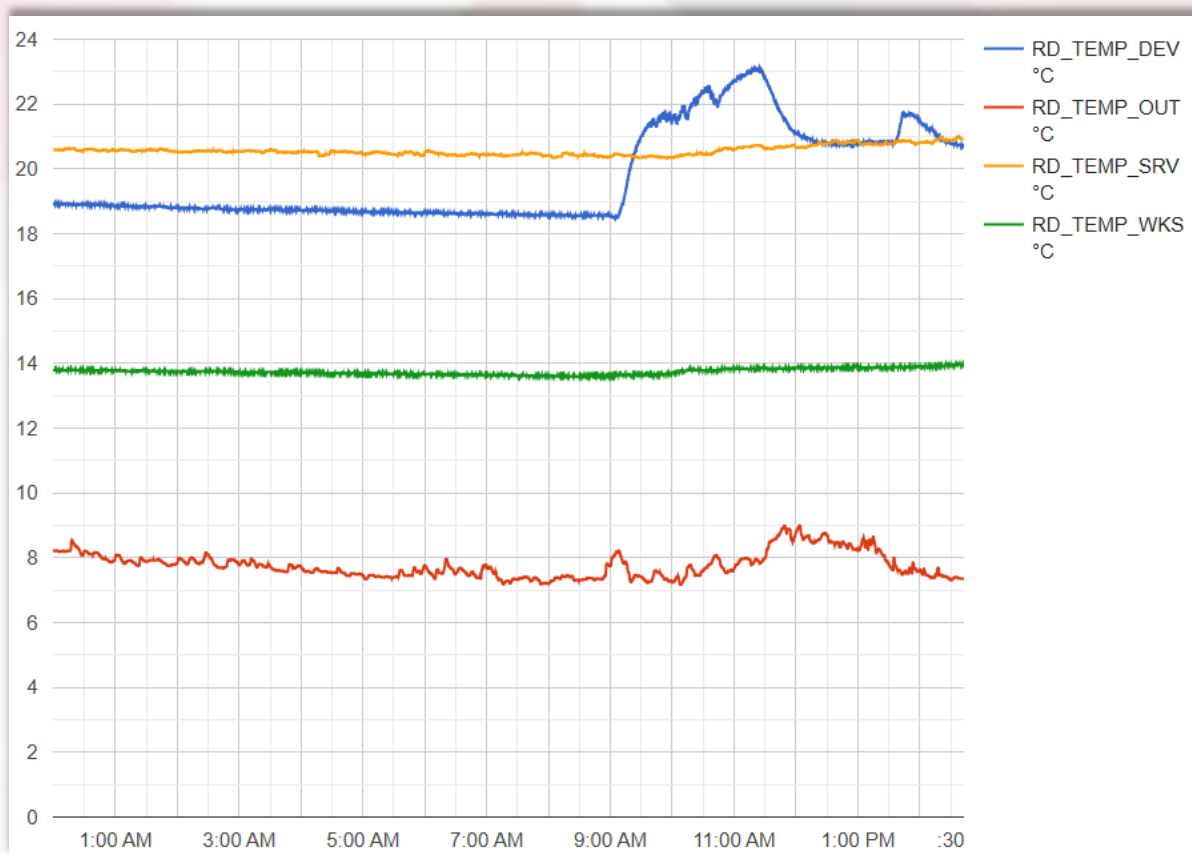
The image shows a web interface notification for a downloaded file named 'historian.csv' with a size of 274 kB. Below the notification is a 'Show all downloads' link. To the right, a Windows File Explorer window is open, displaying the 'Downloads' folder. The file 'historian.csv' is listed with a date modified of 28/07/2023 14:30.

The screenshot shows an Excel spreadsheet with the following data:

Date/Time	RD_TEMP_OUT
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.72
28/07/2023 00:00	16.71

When 'Google Chart' is selected, the data is shown as a trend.
This option requires Internet Access.

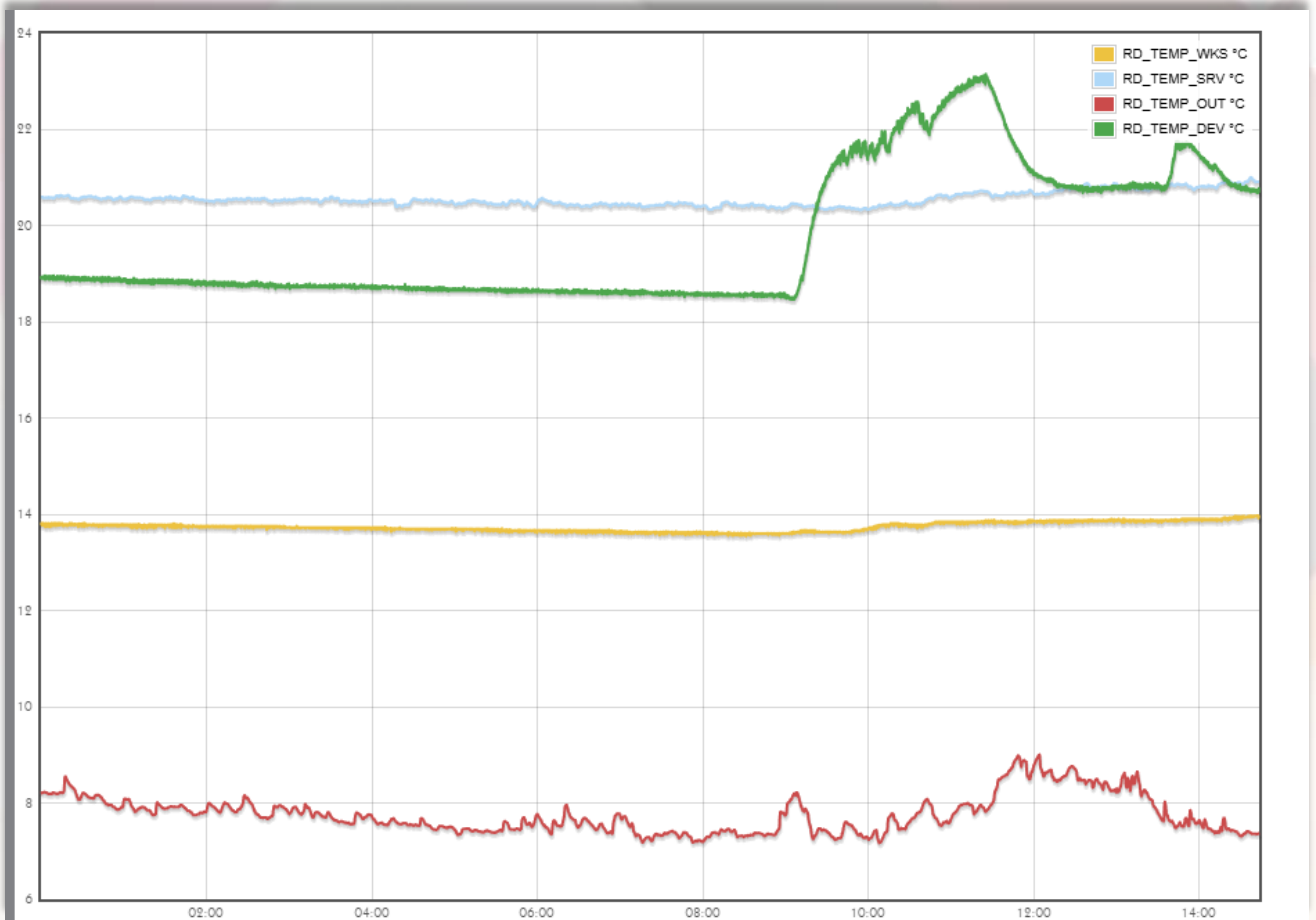
OUTPUT OPTIONS	
<input type="radio"/>	HTML/Webpage
<input type="radio"/>	CSV (for Excel)
<input checked="" type="radio"/>	Google Chart
<input type="radio"/>	Flot Chart



When 'Flot Chart' is selected, the data is shown as a trend.

OUTPUT OPTIONS

- HTML/Webpage
- CSV (for Excel)
- Google Chart
- Flot Chart



Tag Settings

When 'Tag Settings' is selected, you can set up parameters for process values.

Tag Settings

Edit Tag Parameters

TAG	VISIBLE	DECIMAL PLACES	UNIT	WARNING LIMITS			CRITICAL LIMITS		
				EN	LO	HI	EN	LOLO	HIHI
RD_TEMP_DEV	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
RD_TEMP_OUT	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input checked="" type="checkbox"/>	<input type="text" value="10"/>	<input type="text" value="16"/>	<input checked="" type="checkbox"/>	<input type="text" value="3"/>	<input type="text" value="14"/>
RD_TEMP_SRV	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
RD_TEMP_WIFI	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
RD_TEMP_WKS	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
RD_TEMP_DEV2	<input type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
HO_BOILER_PRESSURE	<input type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
HO_BOILER_TEMP	<input type="checkbox"/>	<input type="text" value="2"/>	°C	<input checked="" type="checkbox"/>	<input type="text" value="10"/>	<input type="text" value="24"/>	<input checked="" type="checkbox"/>	<input type="text" value="10"/>	<input type="text" value="26"/>
HO_HOT	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
HO_RIO_AI2	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
HO_LEVEL_HIGH	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
RD_SIM_POT_1	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
PV_TANK_LVL	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="850"/>
RD_TEST_TEMP1	<input checked="" type="checkbox"/>	<input type="text" value="2"/>	°C	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="checkbox"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

This indicates the Tag Name

Selected Tag will be Visible / Hidden if ticked

The unit of the Tag output

Tag result will be displayed by (X) decimal places

Warning Limits will be Visible / Hidden if ticked

Critical Limits will be Visible / Hidden if ticked

Input the HI parameter value

Input the HIHI parameter value

Input the LO parameter value

Input the LOLO parameter value

System Events

This shows the DeltaV System Events. Once data is entered into the 'Filter Events' section, the user clicks the 'Filter Button' to filter the events down in the 'Event List'.

Filter Event Options

The Screenshot shows the 'Filter Events' section at the top, which includes various dropdown menus for System, Date From/To, Event Type, Event Sub Type, Category, Area, Node, Unit, Module, Module Desc, Attribute, State, Event Level, Desc 1, and Desc 2. A dashed box highlights this section, with an arrow pointing to it from the 'Filter Event Options' label.

Below the filter section is the 'Event List (688163)' table. The table has columns for SYSTEM, DATE/TIME, FRAC/SEC, EVENT, EVENT SUBTYPE, CATEGORY, AREA, NODE, UNIT, MODULE, MODULE DESC, STATE, EVENT LEVEL, DESC 1, and DESC 2. A dashed box highlights the table, with an arrow pointing to it from the 'Filtered Event Results' label.

SYSTEM	DATE/TIME	FRAC/SEC	EVENT	EVENT SUBTYPE	CATEGORY	AREA	NODE	UNIT	MODULE	MODULE DESC	STATE	EVENT LEVEL	DESC 1	DESC 2
SHP Unit DeltaV	2024-12-12 17 28 19	8158	EVENT	SYSTEM	AREA_A	AS01					ACTIVE	4INFO		Switched to Primary ACN - PROPLUS
SHP Unit DeltaV	2024-12-12 17 29 49	8160	EVENT	SYSTEM	AREA_A	AS01					ACTIVE	4INFO		Switched to Secondary ACN - PROPLUS
SHP Unit DeltaV	2024-12-12 08 09 47	2460	EVENT	SYSTEM	AREA_A	PROPLUS					ACTIVE	4INFO		Switched to Primary ACN - AS01
SHP Unit DeltaV	2024-12-12 08 09 17	2390	EVENT	SYSTEM	AREA_A	PROPLUS					ACTIVE	4INFO		Switched to Secondary ACN - AS01
SHP Unit DeltaV	2024-12-05 15 53 38	1550	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGOFF		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 40 25	4320	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGON		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 40 24	350	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGON		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 40 17	3590	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGOFF		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 40 19	7300	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGOFF		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 38 34	9940	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGON		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 36 57	1510	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGOFF		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 25 17	4200	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGON		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-05 11 25 15	4000	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGON		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-04 14 59 37	4800	CHANGE	USER	AREA_A	AS01					REMOTE LOGON		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-04 14 58 24	1660	CHANGE	USER	AREA_A	AS01					REMOTE LOGOFF		ADMINISTRATOR	
SHP Unit DeltaV	2024-12-04 14 58 37	3310	CHANGE	USER	AREA_A	PROPLUS					REMOTE LOGOFF		ADMINISTRATOR	

Filtered Event Results

System Events

Filter Events

Filter Events shows specific event data depending on the filter settings inputted.

Select your system

Select Date / Time period from / to

Filter Events

System	Date From/To	Event Type	Event Sub Type	Category	Area	Node
<input type="text"/>	17 / 06 / 2023 , 00 : 00 <input type="text"/> 01 / 08 / 2023 , 00 : 00 <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Unit <input type="text"/>	Module <input type="text"/>	Module Desc <input type="text"/>	Attribute <input type="text"/>	State <input type="text"/>	Event Level <input type="text"/>	Desc 1 <input type="text"/> Desc 2 <input type="text"/>

Filter Select single or multiple filters

Select 'Filter' to make changes to the selected settings

Select the event type

- ALARM
- CHANGE
- DOWNLOAD
- EVENT
- LOGON_FAILED_ATTEMPT
- STATUS

Select the event category

- HARDWARE
- INSTRUMENT
- PROCESS
- SYSTEM
- USER

Select the event level

- 04-ADVISORY
- 07-ADVISORY
- 1-DISABLED
- 11-WARNING
- 12-CRITICAL
- 15-CRITICAL
- 4-INFO
- ALARM HELP

Select the event state

- ACT/ACK
- ACT/UNACK
- ACTIVE
- BAD INTEGRITY
- BKUPFAIL
- DISABLED
- DOWNLOAD
- BKUPFAIL
- BKUPFAIL
- EVENT_LIMITED
- INACT/ACK
- INACT/UNACK
- INACTIVE
- LOGOFF
- LOGON
- LOGON_FAILED_ATTEMPT
- NO CONFIGURATION
- NOT COMMUNICATING
- OK
- REMOTE LOGOFF
- REMOTE LOGON
- SUPPRESSED
- UPDATE

System Events

Filter Events

Continued

This is a basic example of how to get filtered results.

Date and Time have been selected

Partial description
2 data entered

Filter Events

System: [dropdown] Date From/To: [29/09/2024 00:00] [14/12/2024 00:00] Event Type: [dropdown] Event Sub Type: [dropdown] Category: [dropdown] Area: [dropdown] Node: [dropdown]

Unit: [dropdown] Module: [dropdown] Module Desc: [dropdown] Attribute: [dropdown] State: [dropdown] Event Level: [dropdown] Desc 1: [dropdown] Desc 2: [PROPLUS]

Filter Select single or multiple filters

Event List (10)

Select the 'Next' Event List page

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SYSTEM	DATE/TIME	FRACSEC	EVENT	EVENT SUBTYPE	CATEGORY	AREA	NODE	UNIT	MODULE	MODULE DESC	ATTRIBUTE	STATE	EVENT LEVEL	DESC 1	DESC 2
SHP Unit DeltaV	2024-12-12 17:30:19	8130	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Primary ACN - PROPLUS
SHP Unit DeltaV	2024-12-12 17:29:49	8100	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Secondary ACN - PROPLUS
SHP Unit DeltaV	2024-11-30 07:46:43	8620	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Primary ACN - PROPLUS
SHP Unit DeltaV	2024-11-30 07:46:38	8610	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Secondary ACN - PROPLUS
SHP Unit DeltaV	2024-11-12 01:30:19	4110	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Primary ACN - PROPLUS
SHP Unit DeltaV	2024-11-12 01:30:14	4110	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Secondary ACN - PROPLUS
SHP Unit DeltaV	2024-10-30 15:26:27	8590	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Primary ACN - PROPLUS
SHP Unit DeltaV	2024-10-30 15:26:22	8590	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Secondary ACN - PROPLUS
SHP Unit DeltaV	2024-10-10 00:59:29	5300	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Primary ACN - PROPLUS
SHP Unit DeltaV	2024-10-10 00:59:24	5300	EVENT		SYSTEM	AREA_A	AS01				ACN COMM	ACTIVE	4-INFO		Switched to Secondary ACN - PROPLUS

C 1	DESC 2
	Switched to Primary ACN - PROPLUS
	Switched to Secondary ACN - PROPLUS
	Switched to Primary ACN - PROPLUS
	Switched to Secondary ACN - PROPLUS
	Switched to Primary ACN - PROPLUS
	Switched to Secondary ACN - PROPLUS
	Switched to Primary ACN - PROPLUS
	Switched to Secondary ACN - PROPLUS
	Switched to Primary ACN - PROPLUS
	Switched to Secondary ACN - PROPLUS

Shows filtered results for PROPLUS only

System Events

Filter Events

Continued

This is a basic example of different filters selected.

Filter Events

Date and Time have been selected

Event Type 'ALARM' has been selected

Category 'HARDWARE' has been selected

System	Date From/To	Event Type	Event Sub Type	Category	Area	Node
	29/09/2024 00:00 - 14/12/2024 00:00	ALARM		HARDWARE		
Ur	Module	Module Desc	State	Event Level	Desc 1	Desc 2

Filter Select single or multiple filters

Event List (65)

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SYSTEM	DATE/TIME	FRACSEC	EVENT	EVENT SUBTYPE	CATEGORY	AREA	NODE	UNIT	MODULE	MODULE DESC	ATTRIBUTE	STATE	EVENT LEVEL	DESC 1	DESC 2
SHP Unit DeltaV	2024-12-04 10:08:34	1530	ALARM		HARDWARE	AREA_A	AS01	AS01			ADVISE_ALM	INACT/ACK	07-ADVISORY	OK	<None>
SHP Unit DeltaV	2024-12-04 10:08:34	1530	ALARM		HARDWARE	AREA_A	AS01	AS01			MAINT_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 10:08:34	1530	ALARM		HARDWARE	AREA_A	AS01	AS01			FAILED_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 10:08:31	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			ADVISE_ALM	INACT/ACK	07-ADVISORY	OK	<None>
SHP Unit DeltaV	2024-12-04 10:08:31	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			MAINT_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 10:08:31	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			FAILED_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 10:03:05	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			ADVISE_ALM	INACT/ACK	07-ADVISORY	OK	<None>
SHP Unit DeltaV	2024-12-04 10:03:05	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			MAINT_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 10:03:05	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			FAILED_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 09:58:52	1530	ALARM		HARDWARE	AREA_A	AS01	AS01			ADVISE_ALM	INACT/ACK	07-ADVISORY	OK	<None>
SHP Unit DeltaV	2024-12-04 09:58:52	1530	ALARM		HARDWARE	AREA_A	AS01	AS01			MAINT_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 09:58:52	1530	ALARM		HARDWARE	AREA_A	AS01	AS01			FAILED_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 09:58:37	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			ADVISE_ALM	INACT/ACK	07-ADVISORY	OK	<None>
SHP Unit DeltaV	2024-12-04 09:58:37	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			MAINT_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-12-04 09:58:37	1120	ALARM		HARDWARE	AREA_A	PROPLUS	PROPLUS			FAILED_ALM	INACT/ACK	11-WARNING	OK	<None>
SHP Unit DeltaV	2024-11-11 09:13:41	3733	ALARM		HARDWARE	AREA_A	CNTR01	CNTR01	R&D Workshop		ADVISE_ALM	ACT/ACK	07-ADVISORY	ADVISE	[MULT]IO: Device Error - Profibus Card, C02, P01
SHP Unit DeltaV	2024-11-11 09:13:19	3722	ALARM		HARDWARE	AREA_A	CNTR01	CNTR01	R&D Workshop		ADVISE_ALM	ACT/ACK	07-ADVISORY	ADVISE	[MULT]IO: Channel Error - AO Card, C10, CH01
SHP Unit DeltaV	2024-11-11 08:51:51	3570	ALARM		HARDWARE	AREA_A	CNTR01	CNTR01	R&D Workshop		ADVISE_ALM	ACT/ACK	07-ADVISORY	ADVISE	[MULT]IO: Device Error - Profibus Card, C02, P01
SHP Unit DeltaV	2024-11-11 08:51:51	3567	ALARM		HARDWARE	AREA_A	CNTR01	CNTR01	R&D Workshop		MAINT_ALM	INACT/UNACK	11-WARNING	MAINT	IO: Not Communicating - Profibus Card, C02
SHP Unit DeltaV	2024-11-11 08:51:46	3569	ALARM		HARDWARE	AREA_A	CNTR01	CNTR01	R&D Workshop		MAINT_ALM	INACT/UNACK	11-WARNING	MAINT	IO: Not Communicating - Profibus Card, C02

EVENT	EVENT SUBTYPE	CATEGORY
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE
ALARM		HARDWARE

Shows results for filters selected

DESC 1	DESC 2
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
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<None>	<None>
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<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
<None>	<None>
ADVISE [MULT]IO: Device Error - Profibus Card, C02, P01	
ADVISE [MULT]IO: Channel Error - AO Card, C10, CH01	
ADVISE [MULT]IO: Device Error - Profibus Card, C02, P01	
MAINT IO: Not Communicating - Profibus Card, C02	
MAINT IO: Not Communicating - Profibus Card, C02	

Shows description from filtered results



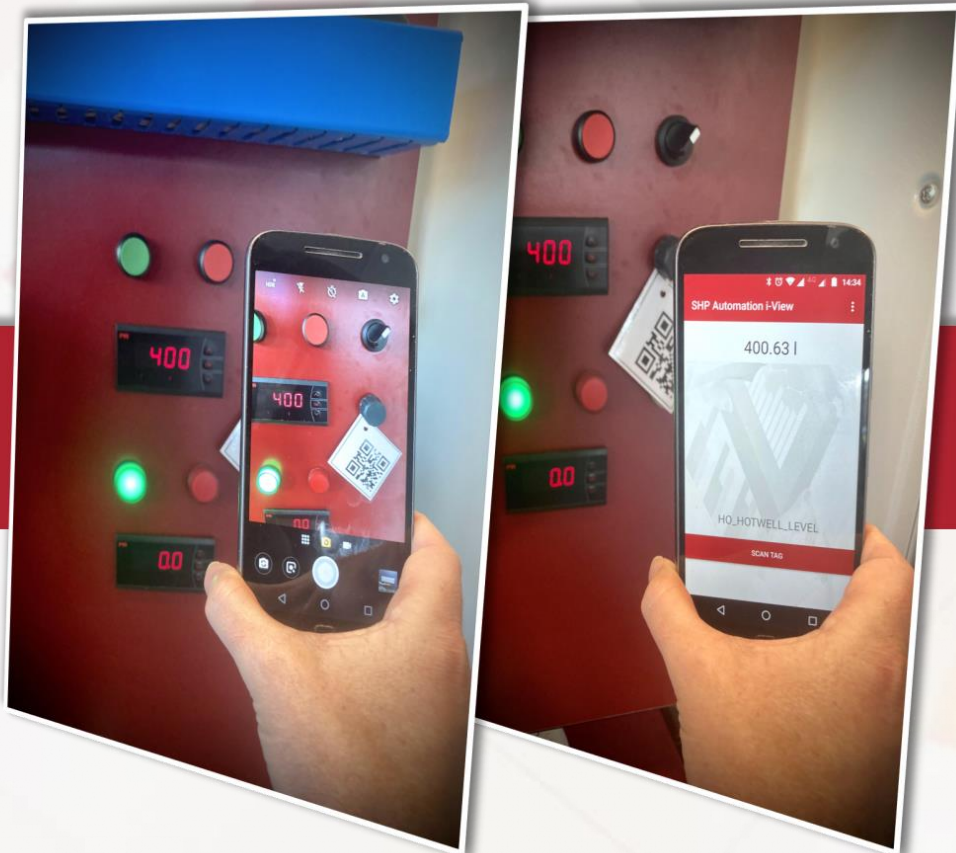
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