

PRESS RELEASE – VERSION 8

myDESIGNER + myPRO

Version 8

mySCADA Technologies finally releases its brand new version 8. This version is full of new functions, features as well as improvements that definitely help the customers with their technology control.

myDESIGNER

mySCADA is proud to announce the new version of myDESIGNER oriented to professional users called myDESIGNER Enterprise. myDESIGNER Enterprise packs incredible set of new features and functions to speed up the project creation saving time and money to the end user. Start using myDESIGNER Enterprise today, go to <https://store.myscada.org/shop> and purchase a license.

Current myDESIGNER product continues to free of charge.

myPRO

With the new project creation tool myDESIGNER Enterprise, myPRO has changed as well.

The new version brings many improvements which are in detail [described below](#). To list at least few: recipe management, RFID support, timeline view or advanced user management.

myPRO is accessible in the web shop <https://store.myscada.org/shop> to purchase or freely available [demo version](#). Demo version offers 2 hours of continuous use, after that time, the reboot is required.

2018/2019

In the near future, we plan to release a few new products. One of them is going to be an operator's panel – 4 different sizes, then the new service that offers a cloud connectivity and last but not least the brand new myBOX.



ATTACHMENT

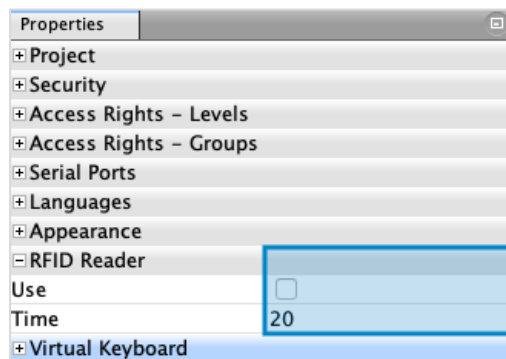
myDESIGNER + myPRO

News in version 8

1. RFID support

Login and logout using RFID chips is a new feature of version 8. This improvement helps to connect the competent user with the technology he/she needs to work with. The advantage lies in:

- no need to enter the password whenever the user have to use the technology
- without a RFID card/chip, there is no possibility to control the technology
- once the user is logged in, myPRO logs all user interferences that leads to clear responsibility for the actions



2. Recipes management

This function is used to manage the recipes in the technology. The recipes are editable online in the project, the feature tracks all changes in the recipe such as time, user actions or the recipe edits. It also tracks all sets of the recipes to the PLC.

Demo 8/Recipe - MainRecipe

Connection: script + Data-log Views (1x) Load Recipe from Device Appearance ?

Definition **Data**

	Name	Group	Description	Tag	Type	Hidden	Write	Log	Format
1	Flavor		Flavor	flavor	Multiple Choice	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
2	Markings		Markings	markings	String	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
3	Sugar	Ingredients	Sugar	sugar	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
4	Water	Ingredients	Water	water	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
5	Conservant	Ingredients	Conservant	conservant	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#,.
6	Regulator	Ingredients	Regulator	regulator	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#,.
7	Container	Size	Container	container	Multiple Choice	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#,.
8	R1	Size	radius 1	r1	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#,.
9	R2	Size	radius 2	r2	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#,.
10	Height	Size	height	height	Value	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#,.
11	Consumption	Expiry	Expiry	expire	String	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
12	Note	Expiry	Note	note	String	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
13	Batch	Expiry	Batch	batch	String	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	#
14					Value	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	#,.

☒ Show Edits ☒ Edit ☒ Filter: --- ☒ Write

Name	Raspberry	Blueberry	Pear	Apple
Expiry				
Ingredients				
Sugar	23	33.0	30.0	27.0
Water	34	63.0	70.0	60.0
Conservant	26.0	20.0	18.0	24.0
Regulator	48.0	30.0	36.0	40.0
Size				
Container	small	small	small	small
R1	23.0	0	1	2
R2	18.0	0	1	2
Height	56.0	0	1	2
Flavor	Raspberry	Blueberry	Pear	Apple
Markings	B234567	R035791	B135342	P834583

3. Timeline

Timeline function gives the overview of all changes in the technology shown in the technology comprehensibly. This easy to understand tool presents data such as alarms, user actions, historical data or recipe changes. Thanks to this tool, all users (management, maintenance, operators...) are able to find immediately what they need.

Demo 8/Time Line - timeline

☒ User Actions

Limit:

☒ Log In

Style

☒ Log Out

Style

☒ Action

Style

☒ CAS Alarms

☐ Severity min:

☐ Severity max:

Limit:

Max. Height [%]:

☐ Top Line

☒ Activation

Style

☒ Deactivation

Style

☐ Confirmation

Style

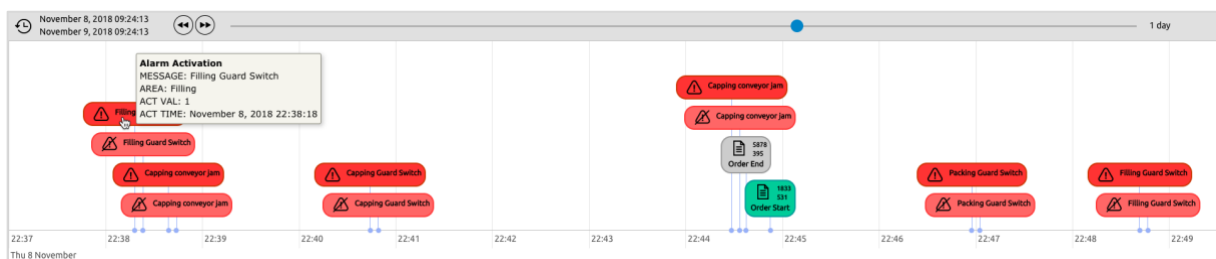
Area:

Message:

Device:

☐ Recipes

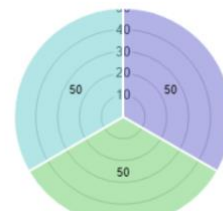
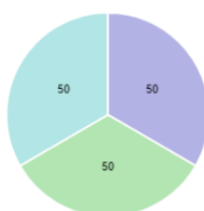
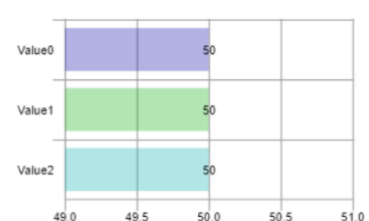
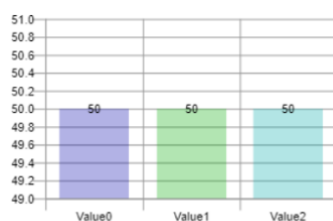
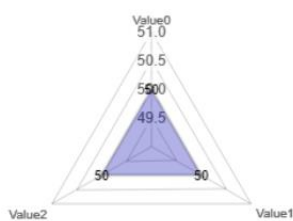
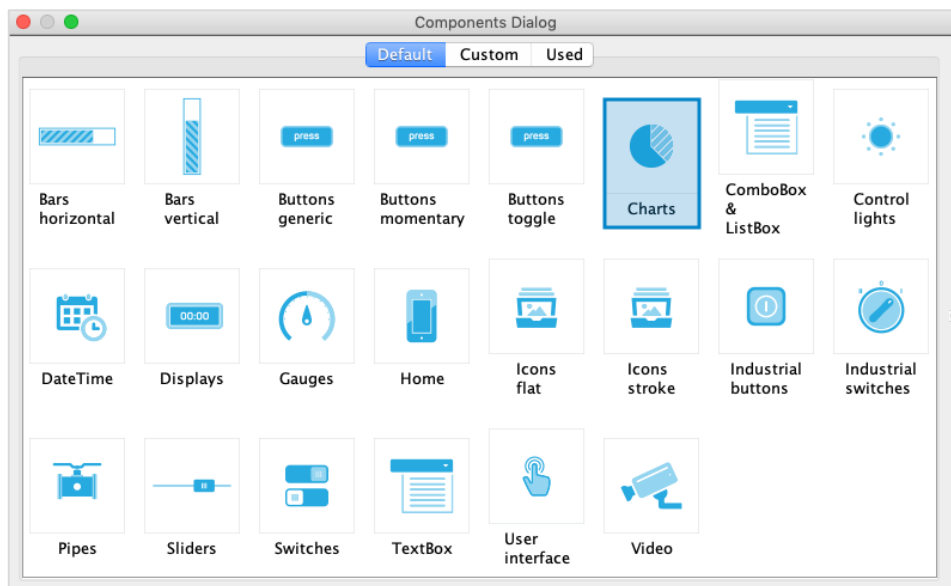
☐ Data Logs



4. New components - charts

To understand the data properly, sometimes charts are the best option. On customer requests, we have added a few charts which will help the users with quick and right decision making.

- Radar chart
- Horizontal and vertical bar charts
- Pie chart
- Donut chart
- Polar chart



5. Alarm statistics

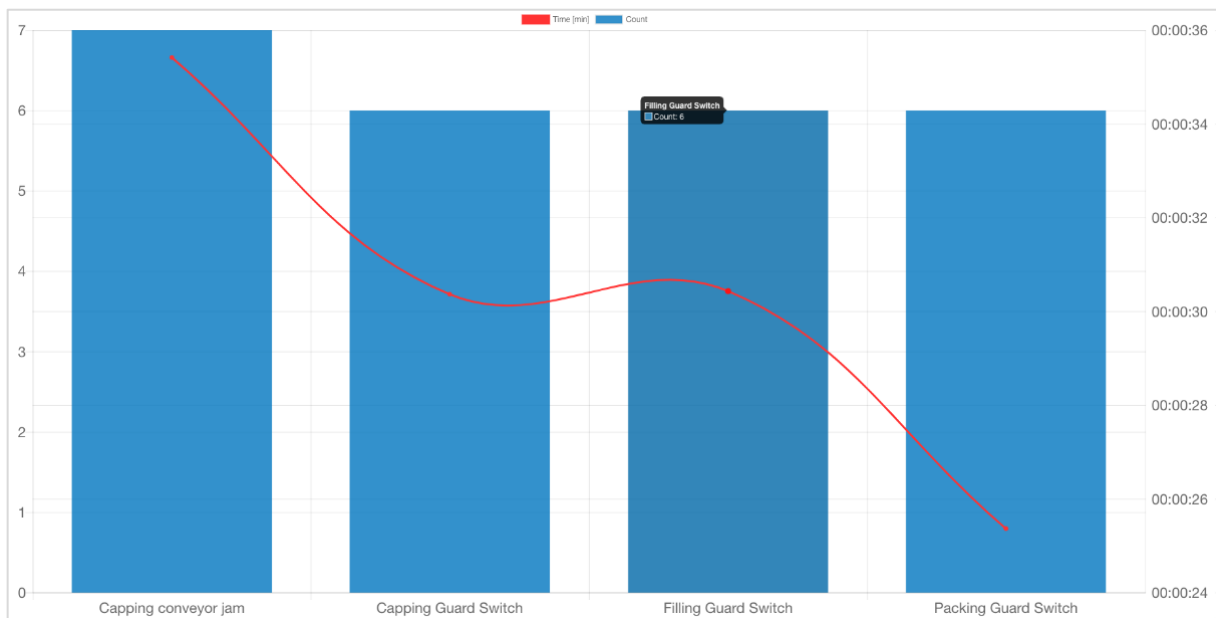
Statistics of the alarms is crucial for all production facilities. This mySCADA feature tracks frequency and occurrences of each alarm as well as the time durations. With this visual, the detection of the most problematic part is simple and effective. This tool also helps to prioritize and the maintenance knows exactly which problem should be solved first.

Demo 8 - CAS Alarms

Filter

ID	Tag@Conn/*Alias	Sev	Area	Message	Device
1	alarm1@script	0	Capping	Capping Guard Switch	
2	alarm2@script	0	Filling	Filling Guard Switch	
3	alarm3@script	0	Packing	Packing Guard Switch	
4	alarm4@script	0	Capping	Capping conveyor jam	Conveyor 1
new		0		on	

Online Items History Items Online History



6. Tag database

This new tag database with hierarchy views is the most requested feature in the new version. It merges data based on object view. That is a huge support for projects, in which a lot of tags is processed. The user can easily navigate in hierarchy view to find and modify tags easily. Time saving and clarity are the greatest advantages for end data users.

Demo 8 - Tags Database							
Tree by: <input checked="" type="radio"/> Alias <input type="radio"/> Tag		<input type="button" value="Collapse All"/> <input type="button" value="Expand"/>		<input type="button" value="+ Add Tag"/> <input type="button" value="X Del Tags"/>		Filter: All Rows	
Alias	Tag@Conn	Unit	Read Scale	Write Scale	Type	Usage Count	Tags
script							105
RunningHours_TPM							15
TPM1W							5
TPM4W							5
TPMyear							5
RunningHours_TPM.TPMyear. RunningHours_TPM.			Unavailable	Unavailable	Date	1	
RunningHours_TPM.TPMyear. RunningHours_TPM.			Unavailable	Unavailable	Date	4	
RunningHours_TPM.TPMyear. RunningHours_TPM.			Unavailable	Unavailable	Date	1	
RunningHours_TPM.TPMyear. RunningHours_TPM.			Unavailable	Unavailable	Date	1	
RunningHours_TPM.TPMyear. RunningHours_TPM.			Unavailable	Unavailable	Date	2	
r2	r2@script		Unavailable	Unavailable	Value	2	
popUpActive	popUpActive@script		Unavailable	Unavailable	Value	1	
expiry	expiry@script		Unavailable	Unavailable	Date	0	
s1	s1@script		Unavailable	Unavailable	Value	6	
height	height@script		Unavailable	Unavailable	Value	2	
s2	s2@script		Unavailable	Unavailable	Value	6	
s3	s3@script		Unavailable	Unavailable	Value	6	
s4	s4@script		Unavailable	Unavailable	Value	6	
s5	s5@script		Unavailable	Unavailable	Value	6	
s6	s6@script		Unavailable	Unavailable	Value	6	
s7	s7@script		Unavailable	Unavailable	Value	6	
s8	s8@script		Unavailable	Unavailable	Value	6	

7. User settings

From now, the user management is absolutely easy to use and can be made right in runtime. To add, remove or edit users or their rights is now available in the live view without the need to reload the whole project. In the industrial world that means the advantage of continuity in data collection and time savings as well.

Properties	
[-] Users	
Number of Users	3
Edit Users in Runtime	<input checked="" type="checkbox"/>
Edit Users Access Right	Set ...
Edit Users Text Size [%]	100

<input checked="" type="checkbox"/> Remove Rows <input checked="" type="checkbox"/> Save						
	Username	Password	Level [0-9]	Groups [comma separated]	Email	Phone
<input checked="" type="checkbox"/>	admin	●●●	9		admin@admin.cz	
<input type="checkbox"/>	user1	●●●	5			
<input type="checkbox"/>	user2	●●●	1			
<input type="checkbox"/>	user3	●●●●●	1			

8. Running hours

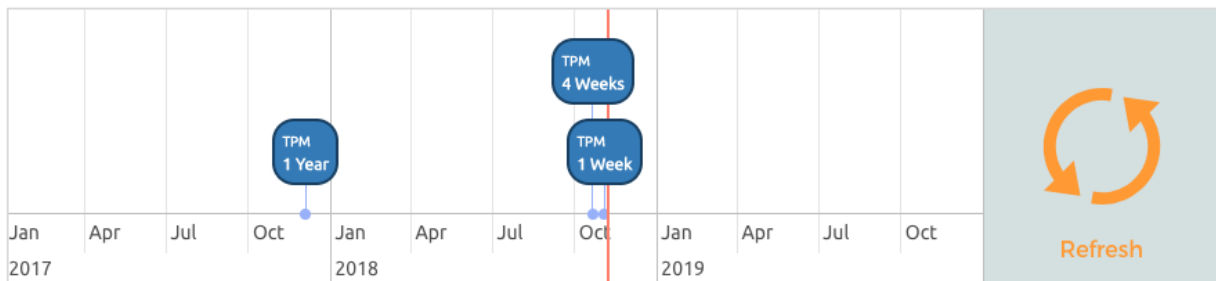
Saving time and costs - that was the main reason why mySCADA has decided to add this function into the new version. This tool counts only the time which the technology really works and there is no need to program anything at all. Just click and use. Predictive maintenance can now be done smoothly.

Demo 8/Running Hours - TPM

Refresh [msec]: 1000
Direction: Count Up
Type: Time

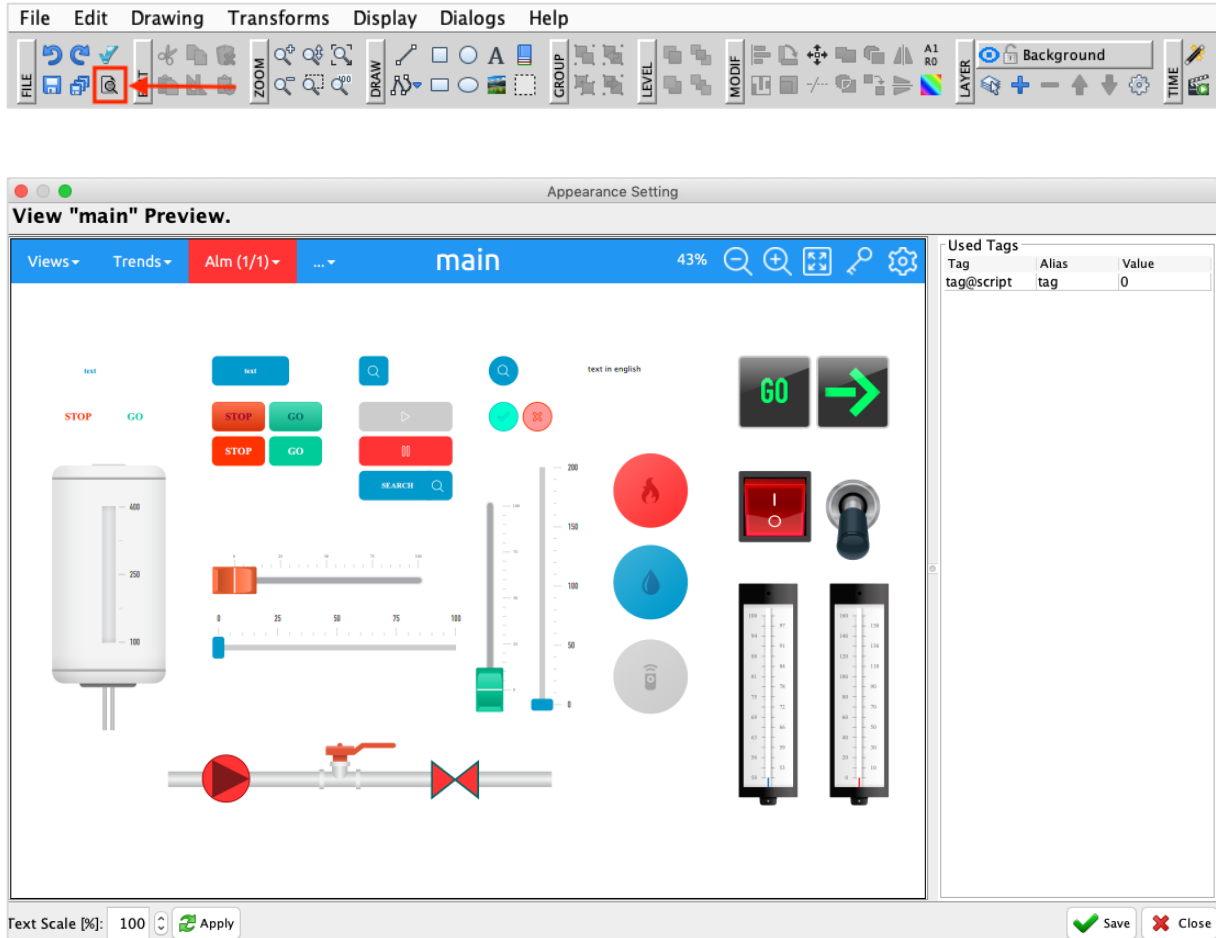
Trigger Tag
Tag: lineRunning@script
Min. Value: 1 Max. Value: 1

	Name	Count	Warning	Limit	Message	CAS Alarm	Error	Limit	Message	CAS Alarm
1	TPM4W	28 days	<input type="checkbox"/>	00:30:00	warning	<input type="checkbox"/>	<input type="checkbox"/>	00:50:00	error	<input type="checkbox"/>
2	TPMyear	365 days	<input type="checkbox"/>	00:30:00	warning	<input type="checkbox"/>	<input type="checkbox"/>	00:50:00	error	<input type="checkbox"/>
3	TPM1W	7 days	<input type="checkbox"/>	00:30:00	warning	<input type="checkbox"/>	<input type="checkbox"/>	00:50:00	error	<input type="checkbox"/>
4		01:00:00	<input type="checkbox"/>	00:30:00	warning	<input type="checkbox"/>	<input type="checkbox"/>	00:50:00	error	<input type="checkbox"/>



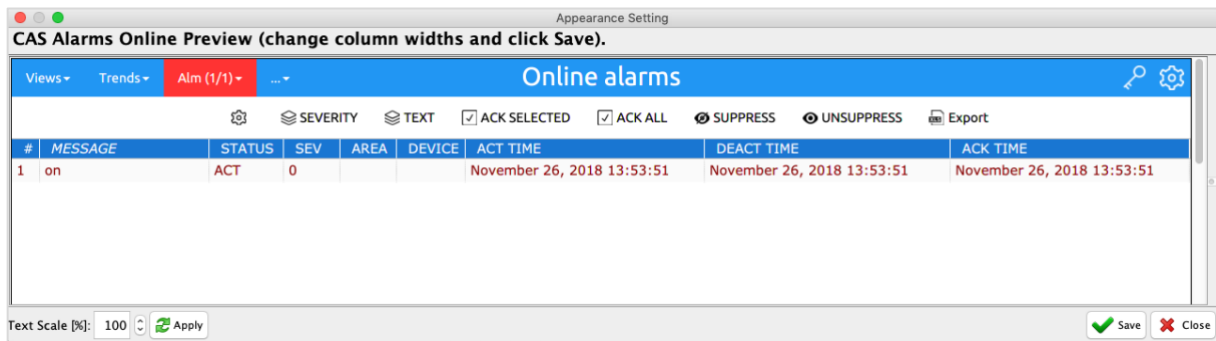
9. Simulator mode

With simulator mode, it is possible to test the project without using “physical” PLC. That gives the advantage of creating the graphics faster while the control could be made immediately during the creation process. Simulator mode eliminates potential errors quickly and effectively.



10. Visual appearance designer

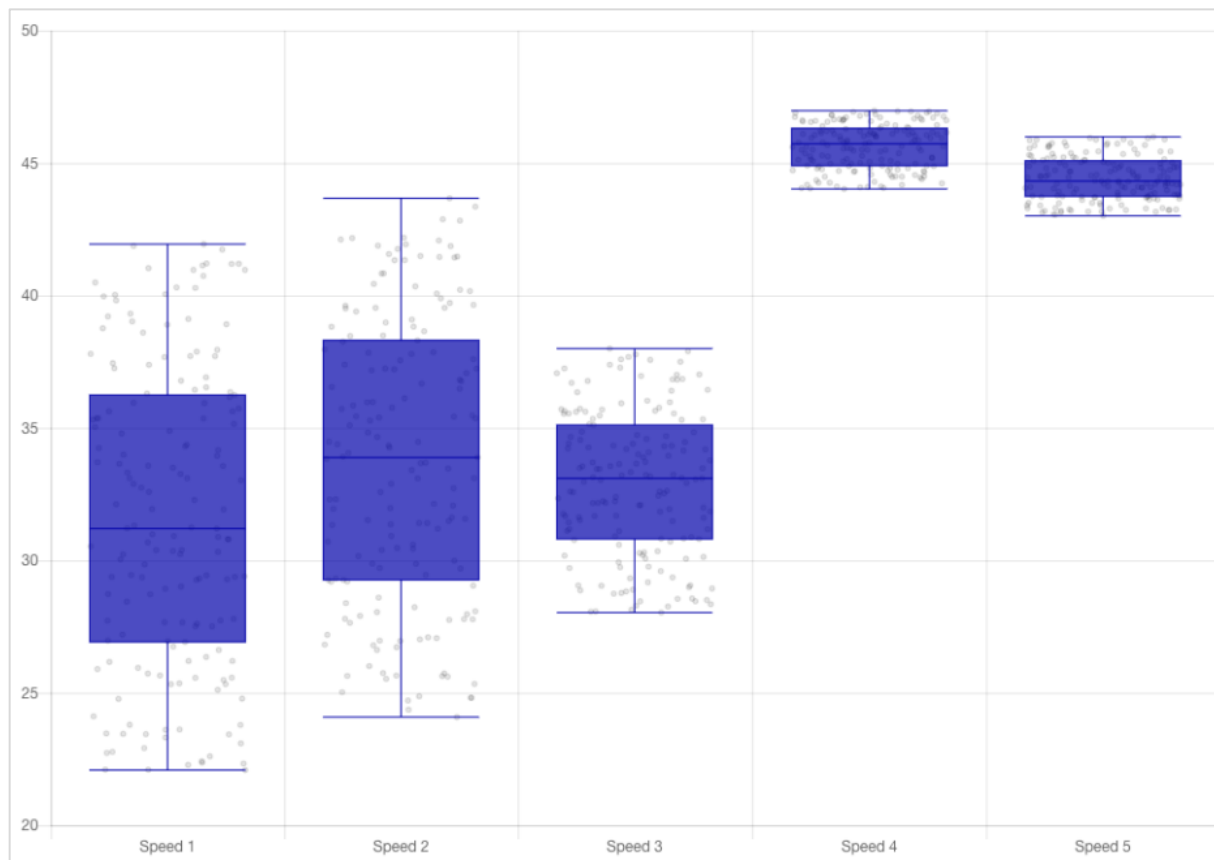
With the version 8, you can easily check visual appearance of any view, screen or table you work on right in the myDESIGNER. Just push a button and you will be presented with a view your end user will see. Directly in view, you can modify the visual appearance such as size of text, column widths, etc. Simple and effective.



11. New Advanced trend options – Gantt and Box Plot charts

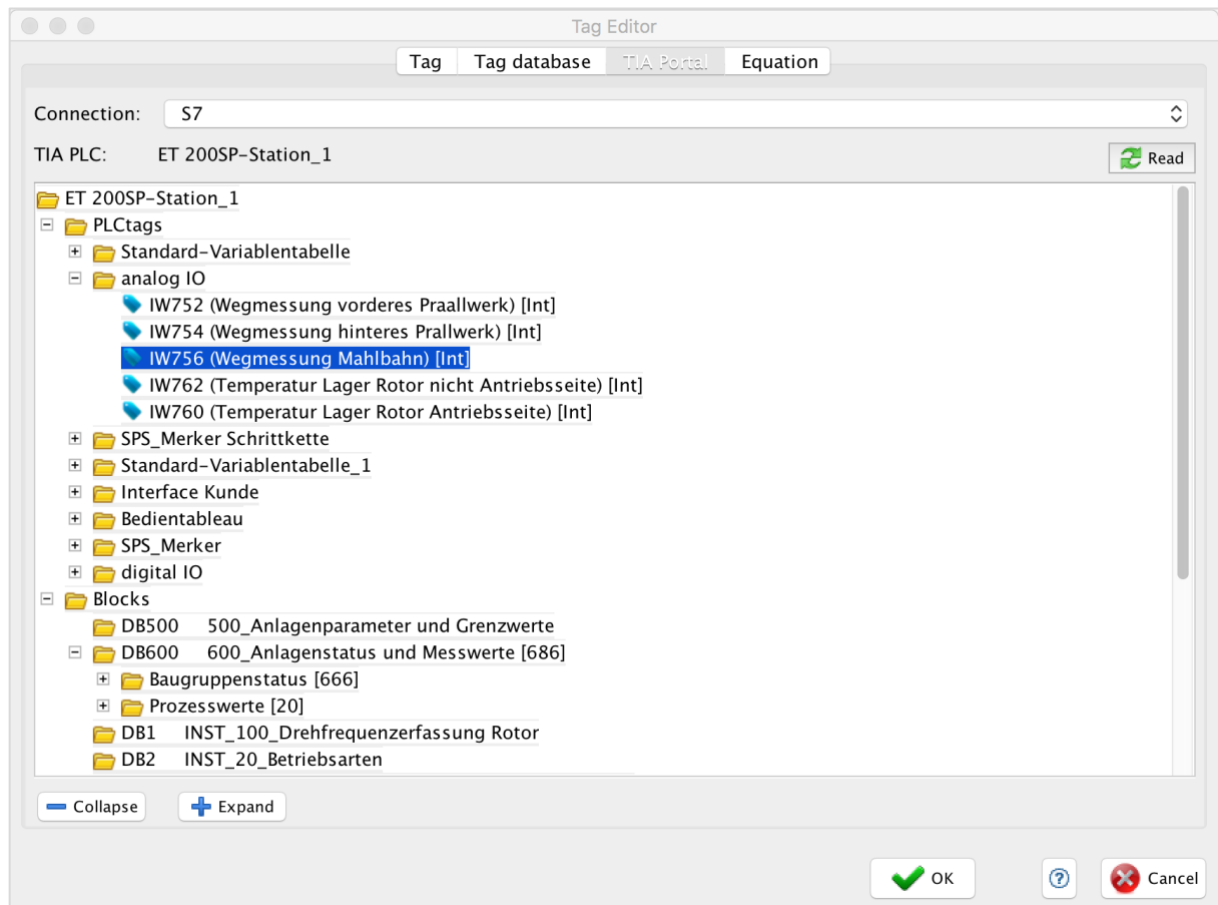
Gantt chart is similar to Timeline, but used a different visual representation. It shows the actions which had happened during the production either as a cumulated or extended chart. Box Plot is, on the other hand, a statistics graph that displays the deviations and enables to demonstrate the measured data statistically.

Properties	
AdvancedTrends	
Name	BoxPlot
Description	
Refresh [msec]	1000
No. of Records	100
Min Scale	0.0
Max Scale	100.0
Autoscale	<input checked="" type="checkbox"/>
Second Axes	0
Smoothed	<input type="checkbox"/>
No. of Tags	10
Box Chart	
Enable	<input checked="" type="checkbox"/>



12. Siemens Tia portal connection

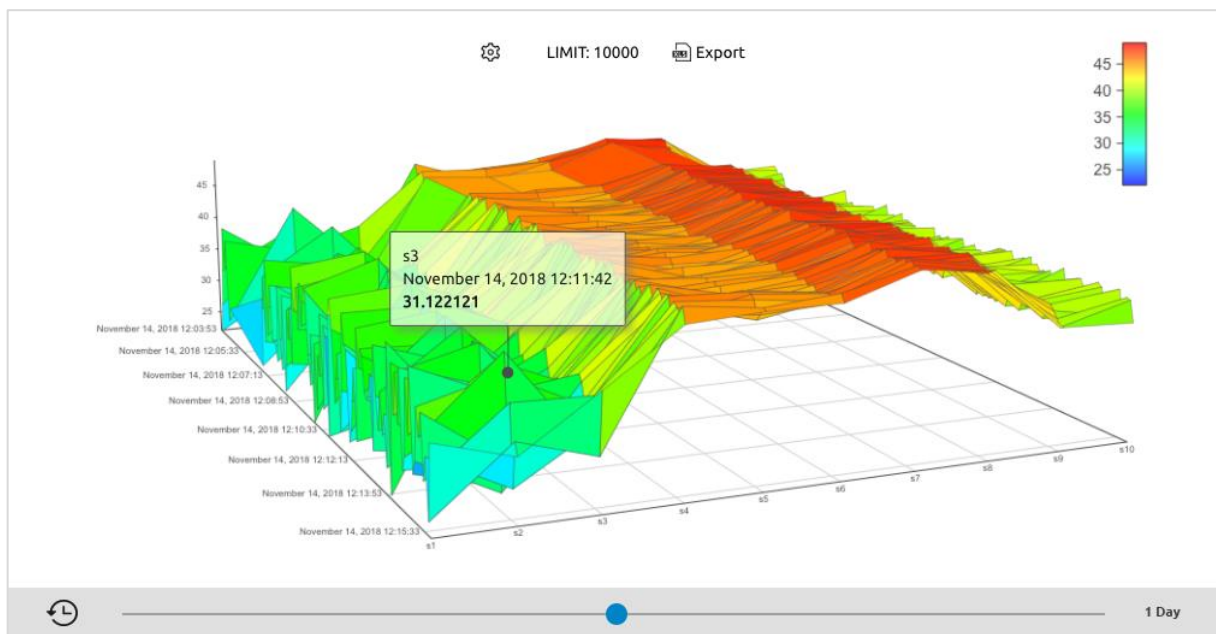
Great news of all users of Siemens TIA portal. myDESIGNER is able to connect directly to TIA portal and manage all the tags and data blocks for you. Live and online. Importing thousands of tags is a matter of seconds now. The user can simultaneously work in a TIA portal and myDESIGNER inserting tags on the fly.



13. Data logs – 3D chart

There is a possibility to either display data in the table form or display them with a modern looking 3D chart. With this tool, the data is shown during a specific time period. 3D chart can be set in section Data logs.

Data-log Views								
	Name	Description	Data Points (IDs)	Show in Menu	Hide ID	Hide Date	3D	Accesses
<input type="checkbox"/>	Speeds		1,2,3,4,5,6,7,8,9,10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Set	Not Set
<input checked="" type="checkbox"/>	Speeds 3D		1,2,3,4,5,6,7,8,9,10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Set	Not Set
<input type="checkbox"/>				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not Set	Not Set



14. Other new features

There are plenty of smaller new features. One of them is the diagnostics view. Diagnostic view is a new tool that shows all active communications and helps to troubleshoot possible problems with connectivity to PLCs.

The next is definitely the text area component which is the multiline text component. The next mentioned functions should be a simple setup of myPRO devices using a web based settings and new view script functions and the wizards for tables and charts creation.

Tag	Type	Tag Status	Value	Date readed
IP:127.0.0.1 Status: OK				
Request: datalog:DLG_datalog1				
Request: datalog:DLG_datalog2				
Request: datalog:DLG_datalog3				
DB244,DINT580	DINT	READED	9424	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT584	DINT	READED	9	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT588	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT592	DINT	READED	361	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT596	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT600	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT604	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT608	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT612	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT616	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT620	DINT	READED	9424	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT624	DINT	READED	9	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT628	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT632	DINT	READED	361	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT636	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)
DB244,DINT640	DINT	READED	0	Fri Nov 09 2018 08:40:52 GMT+0100 (Central European Standard Time)