

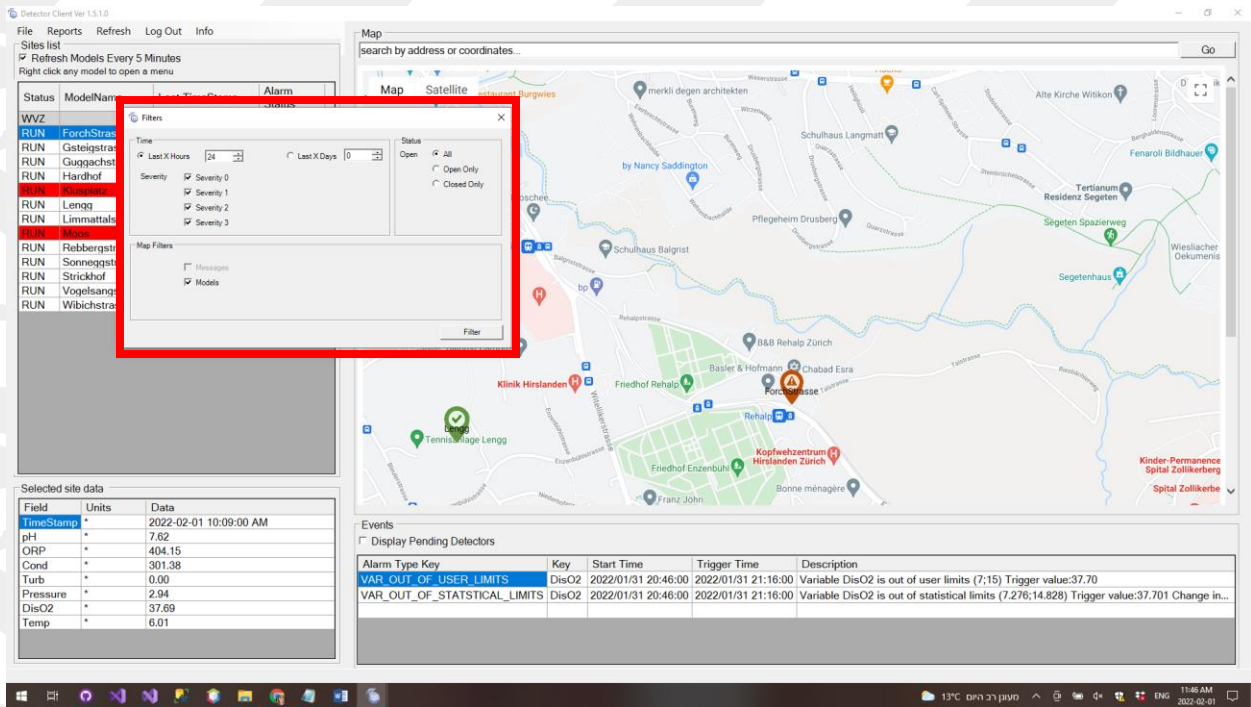


## Mobile Application Registration

Version	Name	Remarks	Date
1.0.0	Adi Brill	Final Document	2022.02.01



## 1. Stations and Messages can be filtered from map

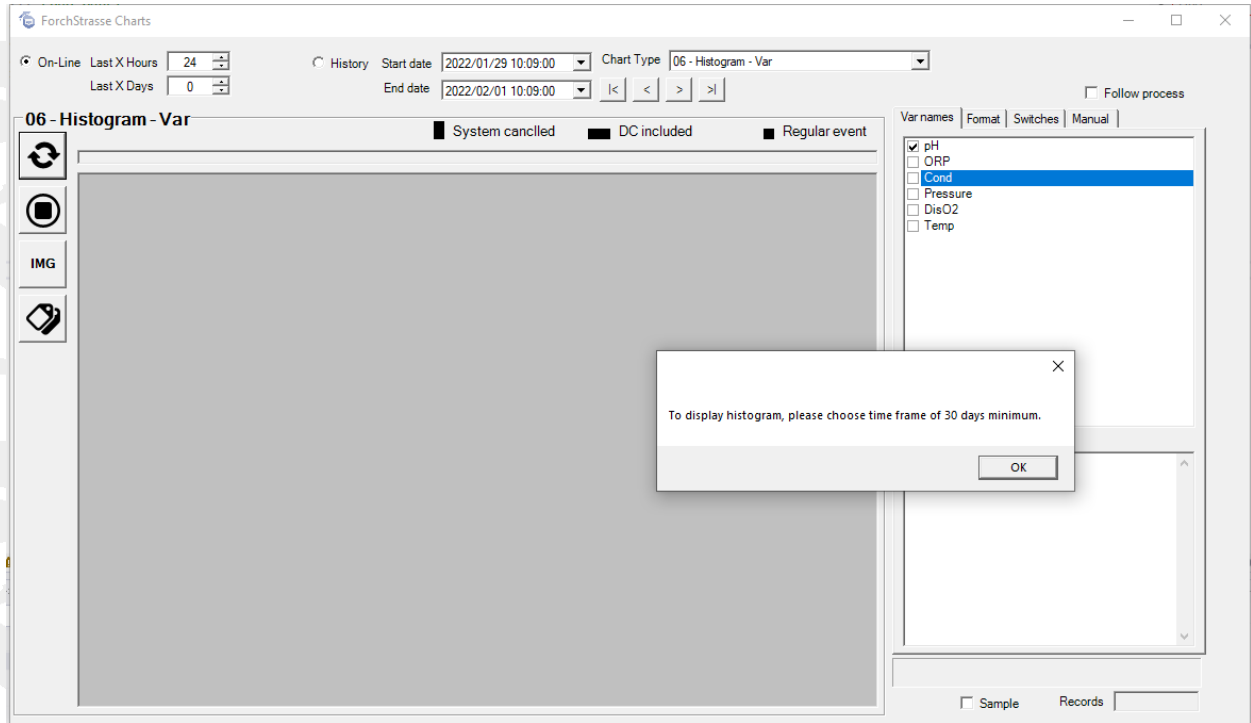


Messages and Stations can be turned on and off at the filters window.

In case there are no messages in the system (not at all), the checkbox will be grayed out.



## 2. Histogram chart must have at least one month of data.





### 3. Spatial GUI displays only active pairs

Spatial Model View

Panel | Alarms & Reports

Id	Cluster	Type	Status	Station A	Station B	Units	Measurement	Last Record	Prediction Low Limit	Prediction High Limit	Last Prediction	Last Actual Value	Last CPU TimeStamp	Remarks	Delay Time	Alarm (if exists)
1004	WVZ1	Pair	RUN	Limmattalstrasse	Guggachstrasse	*	Cond	2022-02-01 6:58:00 AM	314.92	371.13	344.78	306.91	2020-08-24 9:23:32 AM		780	False
1005	WVZ1	Pair	RUN	Lengg	ForchStrasse	*	Cond	2022-02-01 6:36:00 AM	295.69	306.69	301.19	301.98	2020-07-26 1:08:13 AM		180	False
1006	WVZ1	Pair	RUN	Hardhof	Gsteigstrasse	*	Cond	2022-02-01 6:53:00 AM	333.70	398.75	340.79	351.37	2020-07-26 1:08:13 AM		360	False
1007	WVZ1	Pair	RUN	Lengg	Strickhof	*	Cond	2022-01-28 1:26:00 PM	287.47	344.01	290.39	290.40	2020-07-26 1:08:13 AM		375	False
1008	WVZ1	Pair	RUN	Hardhof	Strickhof	*	Cond	2022-02-01 6:58:00 AM	288.48	345.76	291.48	290.46	2020-07-26 1:08:13 AM		120	False
1009	WVZ1	Pair	RUN	Rebbergstrasse	Limmattalstrasse	*	Cond	2022-02-01 6:48:00 AM	309.24	369.24	339.24	344.53	2020-07-26 1:08:13 AM		540	False
1011	WVZ1	Pair	RUN	Lengg	ForchStrasse	*	Cond	2022-02-01 6:36:00 AM	295.56	306.56	301.06	301.98	2020-08-30 3:11:41 PM		45	False
1016	WVZ1	Pair	RUN	Lengg	Klusplatz	*	Cond	2021-06-23 3:47:00 AM	281.61	331.61	306.61	305.23	2020-08-30 8:08:28 PM		135	False
1021	WVZ1	Pair	RUN	Lengg	Vogelsangstrasse	*	Cond	2022-02-01 6:58:00 AM	298.33	348.33	323.33	325.68	2020-08-30 8:08:28 PM		60	False
1026	WVZ1	Pair	RUN	Hardhof	Limmattalstrasse	*	Cond	2022-02-01 6:48:00 AM	306.38	366.38	336.38	342.69	2020-08-30 8:08:28 PM		315	False
1035	WVZ1	Pair	RUN	Hardhof	Rebbergstrasse	*	Cond	2022-02-01 6:53:00 AM	327.05	389.22	339.61	338.47	2020-08-30 8:08:28 PM		240	False
1040	WVZ1	Pair	RUN	Strickhof	Guggachstrasse	*	Cond	2022-02-01 6:58:00 AM	304.59	354.45	311.47	303.60	2020-08-30 8:08:29 PM		1260	False
1045	WVZ1	Pair	RUN	Strickhof	Wibichstrasse	*	Cond	2022-02-01 6:55:00 AM	308.07	367.93	324.12	370.15	2020-08-30 8:08:29 PM		0	False
1050	WVZ1	Pair	RUN	Strickhof	Sonnegstrasse	*	Cond	2022-02-01 6:58:00 AM	266.14	346.14	306.14	307.52	2020-08-30 8:08:29 PM		120	False
1055	WVZ1	Pair	RUN	Guggachstrasse	Strickhof	*	Cond	2022-02-01 6:58:00 AM	287.41	344.63	292.33	290.46	2020-08-30 8:08:29 PM		210	False
1060	WVZ1	Pair	RUN	Wibichstrasse	Strickhof	*	Cond	2022-02-01 6:58:00 AM	283.98	340.86	292.02	290.29	2020-08-30 8:08:29 PM		1860	False
1065	WVZ1	Pair	RUN	Sonnegstrasse	Strickhof	*	Cond	2022-02-01 6:58:00 AM	287.00	344.77	290.61	290.46	2020-08-30 8:08:29 PM		60	False
1070	WVZ1	Pair	RUN	Guggachstrasse	Wibichstrasse	*	Cond	2022-02-01 6:55:00 AM	310.66	350.66	330.66	360.76	2020-08-30 8:08:29 PM		60	False
1075	WVZ1	Pair	RUN	Guggachstrasse	Sonnegstrasse	*	Cond	2022-02-01 6:58:00 AM	266.23	346.23	306.23	307.52	2020-08-30 8:08:30 PM		120	False
1080	WVZ1	Pair	RUN	Wibichstrasse	Guggachstrasse	*	Cond	2022-02-01 6:58:00 AM	314.50	355.37	345.65	306.91	2020-08-30 8:08:30 PM		240	False
1085	WVZ1	Pair	RUN	Sonnegstrasse	Guggachstrasse	*	Cond	2022-02-01 6:58:00 AM	289.88	354.36	309.14	306.91	2020-08-30 8:08:30 PM		330	False
1090	WVZ1	Pair	RUN	Wibichstrasse	Sonnegstrasse	*	Cond	2022-02-01 6:58:00 AM	267.36	347.36	307.36	307.61	2020-08-30 8:08:30 PM		330	False
1095	WVZ1	Pair	RUN	Sonnegstrasse	Wibichstrasse	*	Cond	2022-02-01 6:44:00 AM	309.23	374.42	331.28	362.76	2020-08-30 8:08:30 PM		15	False
1100	WVZ1	Pair	RUN	Klusplatz	Vogelsangstrasse	*	Cond	2021-11-12 6:59:00 AM	299.81	349.81	324.81	344.21	2020-08-30 8:08:30 PM		1230	False

Filter By Cluster   
  Filter By Measurement   
  Filter By Station A   
  Filter By Station B   
  Filter By Station C   
  Update screen every 5 minutes   
  Show only models in RUN status

WVZ1   
 [Home] [Refresh] [Print] [Save] [Share]

2022-02-01 11:52:33



## 4. Charts contain a title presenting the variables and their units





## 5. Plato topology added to variable topology options

The screenshot shows the 'Field Properties' dialog box with the following fields and values:

- Field name: CL
- Field format: 0.##
- User min limit: 0.2
- User max limit: 0.6
- Interval size: 0.02
- Rounding Factor: 2
- Topology Type: 3 - Concave
- Topology Target: 0.4
- Topology Limits: 0 (left), 0 (right) - **highlighted with a red box**
- Validation Low: 0
- Validation High: 5
- Tail Low (0 - 15%): 0.01
- Tail High (0 - 15%): 0.01
- Operational variable:
- Similarity variable:
- Units: mg/L
- Significant change: 0.06
- Variable weight: 1
- Semantic name: FreeCL
- Color:
- Hide any indication about variable:

At the bottom of the dialog are three icons: a save icon, a copy icon, and a paste icon.



## 6. Report No. 16 was added with a column of limits violation indication

The screenshot shows the 'Server Reports' application interface. On the left, there are 'Dates Filter' and 'Models List' sections. The main area is titled 'Report selection' and shows '16 - User Vs. System Classification with Details' selected. Below this, there is an 'Output file location' field and a 'Filter by Text' input. The 'Report Data' section displays a table with the following columns: Model Name, Event Id, Pending Time, Trigger Time, Close Time, User classification, System classification, System Details, and Limits Violated. The 'Limits Violated' column is highlighted with a red border. The table contains 16 rows of data, with the 'Limits Violated' column showing 'True' for several entries and 'False' for others.

Model Name	Event Id	Pending Time	Trigger Time	Close Time	User classification	System classification	System Details	Limits Violated
Bayit_Vagan	111764	2021-02-19 19:53:00	2021-02-19 19:58:00	2021-02-19 20:05:00		7	EDS_Classifier ver 1.0  1.0.02:0.03:0.04:0.05:0.06:0.07:0.3498:0.09:0.010:0.011:0.012:0.0	False
Bayit_Vagan	111765	2021-02-19 20:06:00	2021-02-19 20:11:00	2021-02-19 20:26:00		7	EDS_Classifier ver 1.0  1.0.02:0.03:0.04:0.05:0.06:0.07:0.3698:0.09:0.010:0.011:0.012:0.0	False
Bayit_Vagan	111768	2021-02-19 21:18:00	2021-02-19 21:26:00	2021-02-19 21:57:00		7	EDS_Classifier ver 1.0  1.0.02:0.03:0.04:0.05:0.06:0.07:0.3518:0.09:0.010:0.011:0.012:0.0	True
Bayit_Vagan	111799	2021-02-20 03:15:00	2021-02-20 03:30:00	2021-02-20 03:16:00		6	Classify by AutoClassificationComm class	False
Bayit_Vagan	111954	2021-02-21 07:15:10	2021-02-21 07:30:10	2021-02-21 07:16:00		6	Classify by AutoClassificationComm class	False
Bayit_Vagan	112064	2021-02-22 21:38:31	2021-02-22 21:53:31	2021-02-22 21:39:00		6	Classify by AutoClassificationComm class	False
Bayit_Vagan	112246	2021-02-25 05:17:00	2021-02-25 05:33:00	2021-02-25 05:34:00		6	EDS_Classifier ver 1.0  1.0.02:0.03:0.04:0.05:0.06:0.3417:0.08:0.09:0.010:0.011:0.012:0.0	True
Bayit_Vagan	112253	2021-02-25 07:00:00	2021-02-25 07:15:00	2021-02-25 07:16:00		6	EDS_Classifier ver 1.0  1.0.02:0.03:0.04:0.05:0.06:0.3817:0.08:0.09:0.010:0.011:0.012:0.0	True
Bayit_Vagan	112254	2021-02-25 08:41:00	2021-02-25 08:56:00	2021-02-25 09:03:00		6	EDS_Classifier ver 1.0  1.0.02:0.03:0.04:0.05:0.06:0.3517:0.08:0.09:0.010:0.011:0.012:0.0	True
Bayit_Vagan	112256	2021-02-25 11:41:00	2021-02-25 11:56:00	2021-02-25 12:20:00		1	EDS_Classifier ver 1.0  1.0.2742:0.03:0.2924:0.05:0.06:0.07:0.08:0.09:0.010:0.011:0.012:0.0	True
Bayit_Vagan	112257	2021-02-25 12:28:00	2021-02-25 12:33:00	2021-02-25 12:49:00		3	EDS_Classifier ver 1.0  1.0.02:0.03:0.4364:0.05:0.06:0.07:0.08:0.09:0.010:0.011:0.012:0.0	False
Bayit_Vagan	112262	2021-02-25 15:34:29	2021-02-25 15:49:29	2021-02-25 15:26:00		6	Classify by AutoClassificationComm class	False
Bayit_Vagan	112263	2021-02-25 17:15:48	2021-02-25 17:30:48	2021-02-25 17:31:15		6	Classify by AutoClassificationComm class	False