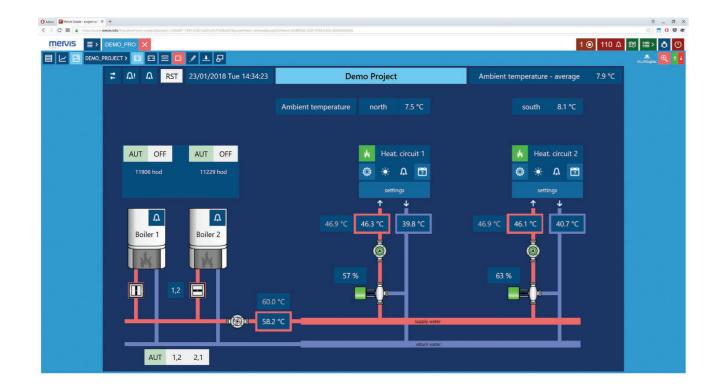




# CLOUD SERVICE

Mervis is a cloud service (on-site installation is available) for complex supervision of all operated technologies. This service provides unified centralized data processing, alarms and easy analytical tools. Unlimited number of user accounts included.

Basic overview of all available variables with real-time values is provided by table view.



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Demo project	Time	Name	State	Value	Actions	
Communication Alarms Ambient temperatures Boilers Heating circuit 1	Communication					
	14:35:57	Communication error		OK		
		Reboot			SEND DONE	
	14:35:10	Date time		23/01/2018 Tue 14:	:35:10 SET	
	14:35:59	PC / PLC - time difference		48.4 s	INIT	
Heating circuit 1 - settings	Alarms					
Heating circuit 2	30/05/2017 Tue 13:1	13:38 Boiler room - water leak		OK		
Heating circuit 2 - settings	30/05/2017 Tue 13:1	13:38 Pressure alarm		OK		
End	11/12/2017 Mon 10:	41:28 Alarm reset			RST	
	Ambient temperatures					
	14:35:09	Ambient temperature - north		7.6 °C		
	14:35:09	Ambient temperature - south		8.1 °C		
	14:35:10	Ambient temperature - average		7.8 C		
	Boilers					
	11/09/2017 Mon 10:	45:18 Boiler cascade order		AUT	AUT 1,2 2,1	
	14:35:10	Boiler cascade regime		1.2	CONTROL INCOME INCOME	
	05/06/2017 Mon 18:			AUT	AUT OFF	
	14:34:09	Boiler 1 regime setpoint		OFF		
	14:35:09	Boiler 1 regime indication		OFF		
	14:35:10	Boiler 1 valve setpoint		OPEN		
	14:35:10	Boiler 1 alarm	A	OK		
	05/06/2017 Mon 18:	58:15 Boiler 2 regime	(Article)	AUT	AUT OFF	
	14:35:10	Boiler 2 regime setpoint		OFF		
	14:35:09	Boiler 2 regime indication		OFF		
	14:35:10	Boiler 2 valve setpoint		CLOSE		
		06:34 Boiler 2 alarm	A	OK		
	14:35:10	Supply water temp setpoint		62.3 °C		
	14:35:09	Supply water temp measured		54.1 °C		
	14:35:10	Boiler pump		OFF		
	14:35:10	Boiler 1 - run hours		11,906.0 hod	- + INIT	
	14:35:10	Boiler 2 - run hours		11,228.8 hod	- + INIT	

# TABLE VIEW

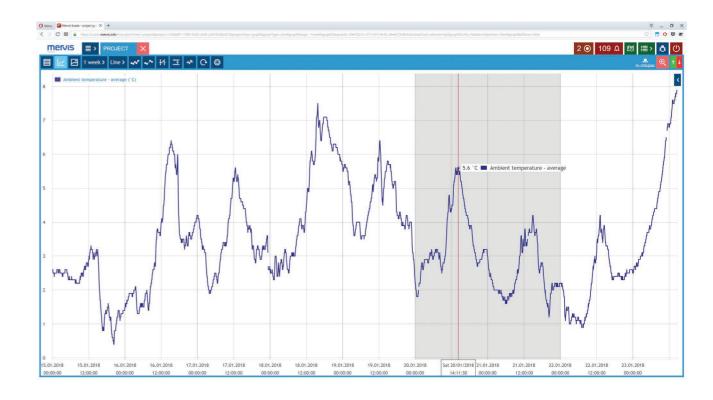


## ALARMS

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DEMO	0	22/05/2017 Mon 20:25:39 /Foto	voltaická elektrárna/Poruchy 1-15	07_porucha			ALARM	t.koucky	22/05/2017 Mon 20:49:06
DEMO PROJECT	0	D1_30	56						
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# DID YOU KNOW, THAT WE SEND MORE THAN **12 000** NOTIFICATIONS PER MONTH?





DID YOU KNOW, THAT WE STORE MORE THAN STORE MORE THAN 10 000 000 000 RECORDS PER MONTH? FOREVER.

https://db.mervis.info

## DATABASE

# POWERFUL DATA ANALYSIS

Various types of charts are available for visual analysis in Mervis. For example air quality in lecture hall over one school term is visualized by means of carpet plot.

Mathematical modelling can simplify your supervision. Here is a model prediction compared with actual energy consumption.



**UNSCHEDULED TUESDAY EVENINGS** 

DECREASING STUDENT PARTICIPATION IN LECTURES



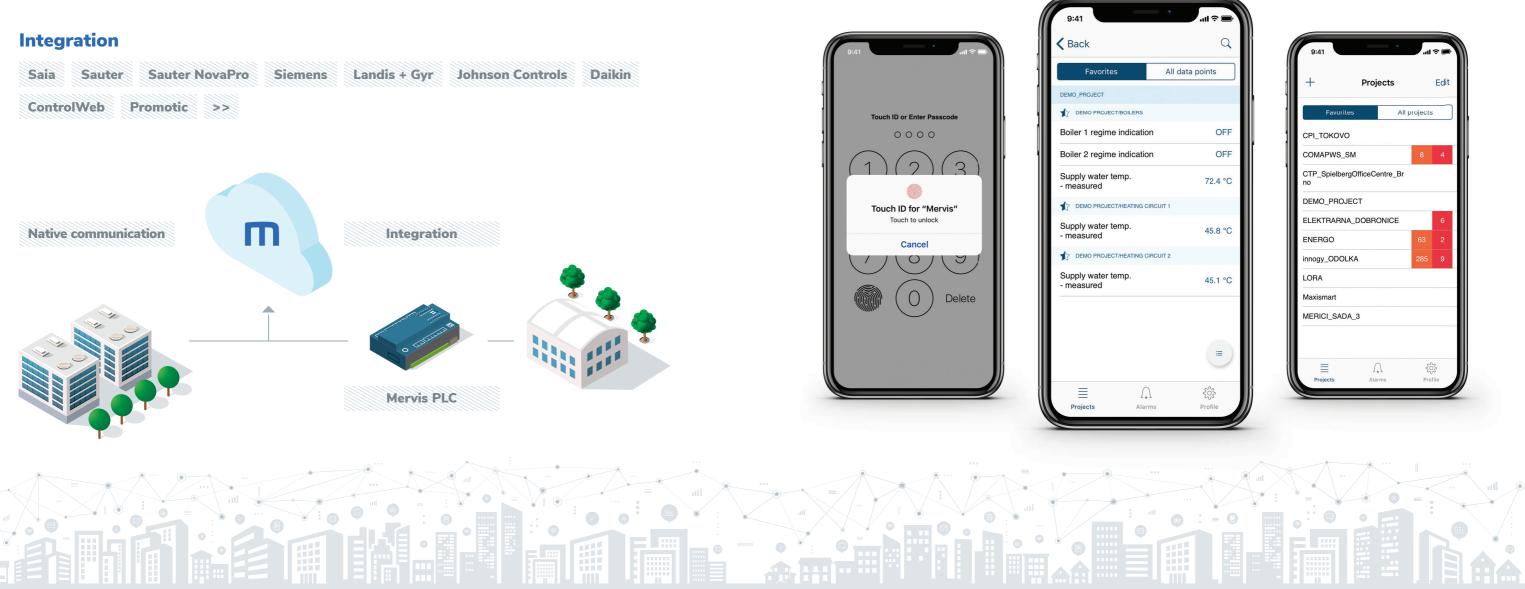


# ENERGY DASHBOARD

## MERVIS IS OPEN

### **Native support for Mervis**

UniPi Domat Amit >>



## MOBILE APPS

## WORLD OF MERVIS



# AUTOMATED DATA ANALYSIS





Advanced tools for data analysis tailored to particular technologies (AHU, boilers, heating circuit, ...)



## Learn more: https://kb.mervis.info



General information: https://mervis.info