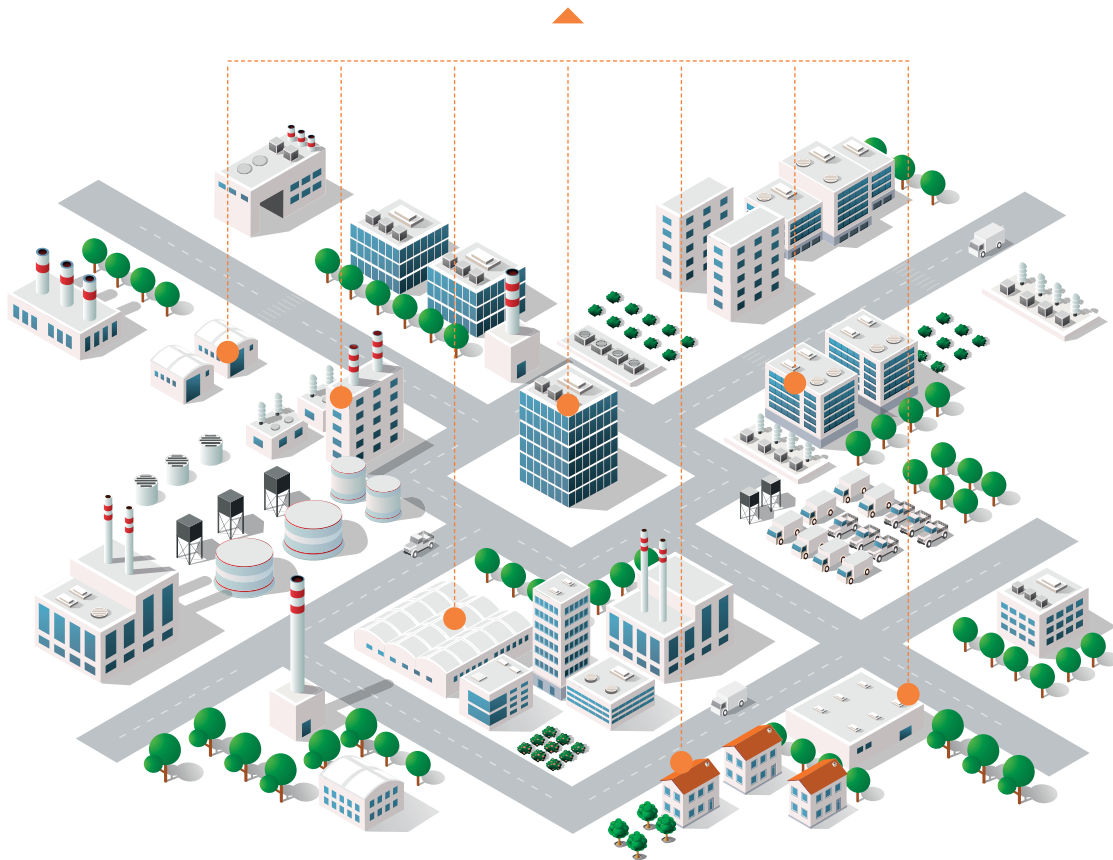


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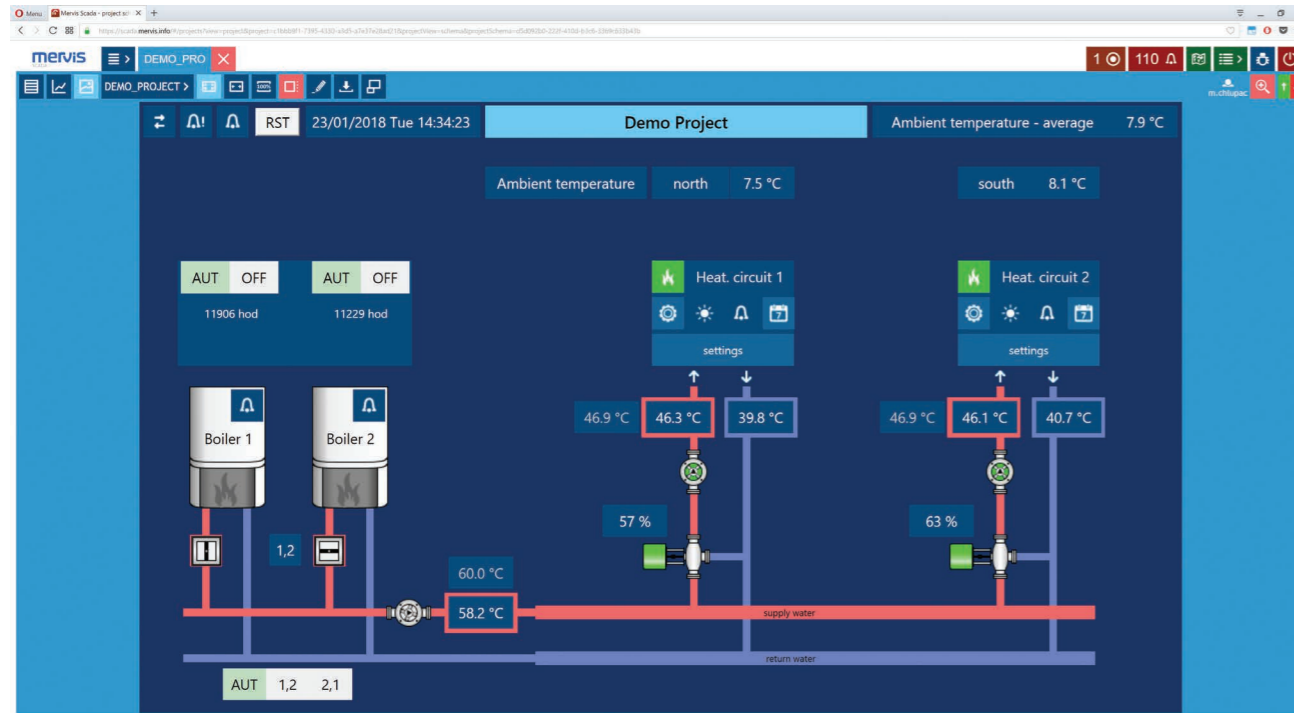


CLOUD SERVICE

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.

TABLE VIEW

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



Time	Name	State	Value	Actions
Communication				
14:35:57	Communication error	OK		
14:35:10	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
Alarms				
30/05/2017 Tue 13:13:38	Boiler room - water leak	OK		
30/05/2017 Tue 13:13:38	Pressure alarm	OK		
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		
05/06/2017 Mon 18:57:48	Boiler 1 regime	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	OK		
05/06/2017 Mon 18:58:15	Boiler 2 regime	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		
20/03/2010 Sat 15:06:34	Boiler 2 alarm	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

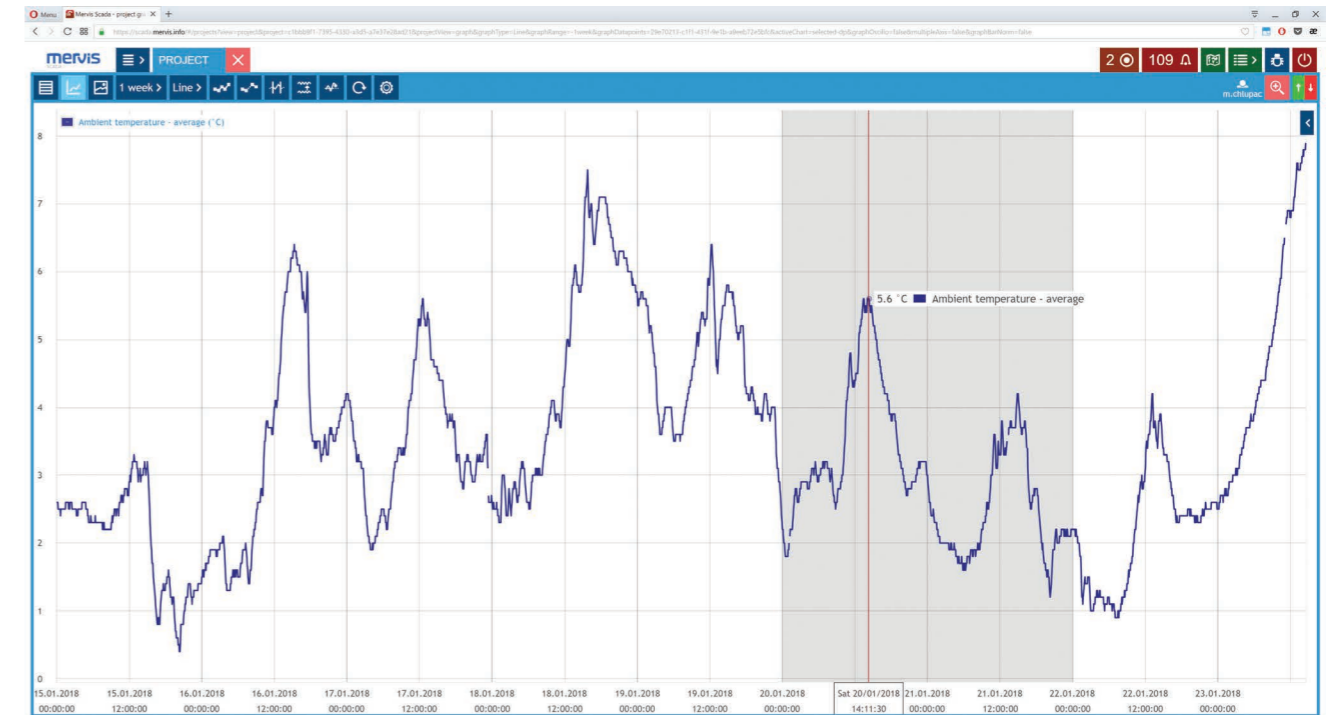


ALARMS

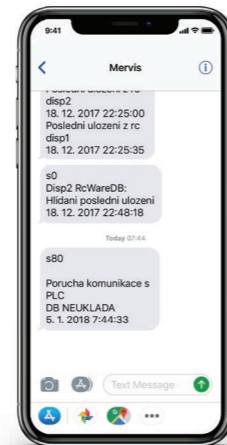
Occurred time	Path	Name	State	Value	Ack. user	Acknowledged time
11/01/2018 Thu 11:48:33	/TRAFO 1 - 630 KVA	Komunikace SHARK<->Elektroměry	ALARM		t.koucky	11/01/2018 Thu 11:55:35
22/05/2017 Mon 20:25:39	/Fotovoltaická elektrárna/ Poruchy 1-15	07_porucha	ALARM		t.koucky	22/05/2017 Mon 20:49:06

Occurred time	Ok time	Path	Data point	Ack. user	Ack. time
23.01.2018 10:35:00	23.01.2018 10:42:24	/FS_D1 - 266, 366/EPS	Porucha odstaveni EPS mem [3]	z.dubecky	23.01.2018 10:37:56
23.01.2018 10:35:00	23.01.2018 10:42:24	/FS_D1 - 266, 366/EPS	Signal pro EPS z MaR [3]	z.dubecky	23.01.2018 10:37:55
23.01.2018 10:35:00	23.01.2018 10:42:24	/FS_D1 - 266, 366/Ovladani strojovny	Total porucha [3]	z.dubecky	23.01.2018 10:37:53
23.01.2018 10:35:00	23.01.2018 10:35:38	/FS_D1 - 266, 366/EPS	Pozadavek odstaveni z EPS [2]		
23.01.2018 10:34:31	23.01.2018 10:54:12	/FS_D2 - 256/EPS poruchy mem	R-UPS signal. stavu klapky 3 [3]	z.dubecky	23.01.2018 10:52:04
23.01.2018 10:34:31	23.01.2018 10:54:12	/FS_D2 - 256/EPS poruchy mem	R-UPS signal. stavu klapky 1 [3]	z.dubecky	23.01.2018 10:38:00
23.01.2018 10:34:31	23.01.2018 10:54:12	/FS_D2 - 256/EPS poruchy mem	Blokada od EPS [3]	z.dubecky	23.01.2018 10:37:58
23.01.2018 10:34:31	23.01.2018 10:54:12	/FS_D2 - 256/Ovladani strojovny	Total porucha EPS [3]	z.dubecky	23.01.2018 10:37:58
23.01.2018 10:34:31	23.01.2018 10:54:12	/FS_D2 - 256/EPS poruchy mem	R-UPS signal. stavu klapky 2 [3]	z.dubecky	23.01.2018 10:38:01

DATABASE



DID YOU KNOW, THAT WE SEND MORE THAN **12 000** NOTIFICATIONS PER MONTH?



mervis

DATABASE

Viewer>

304612824690

<https://db.mervis.info>

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

POWERFUL DATA ANALYSIS

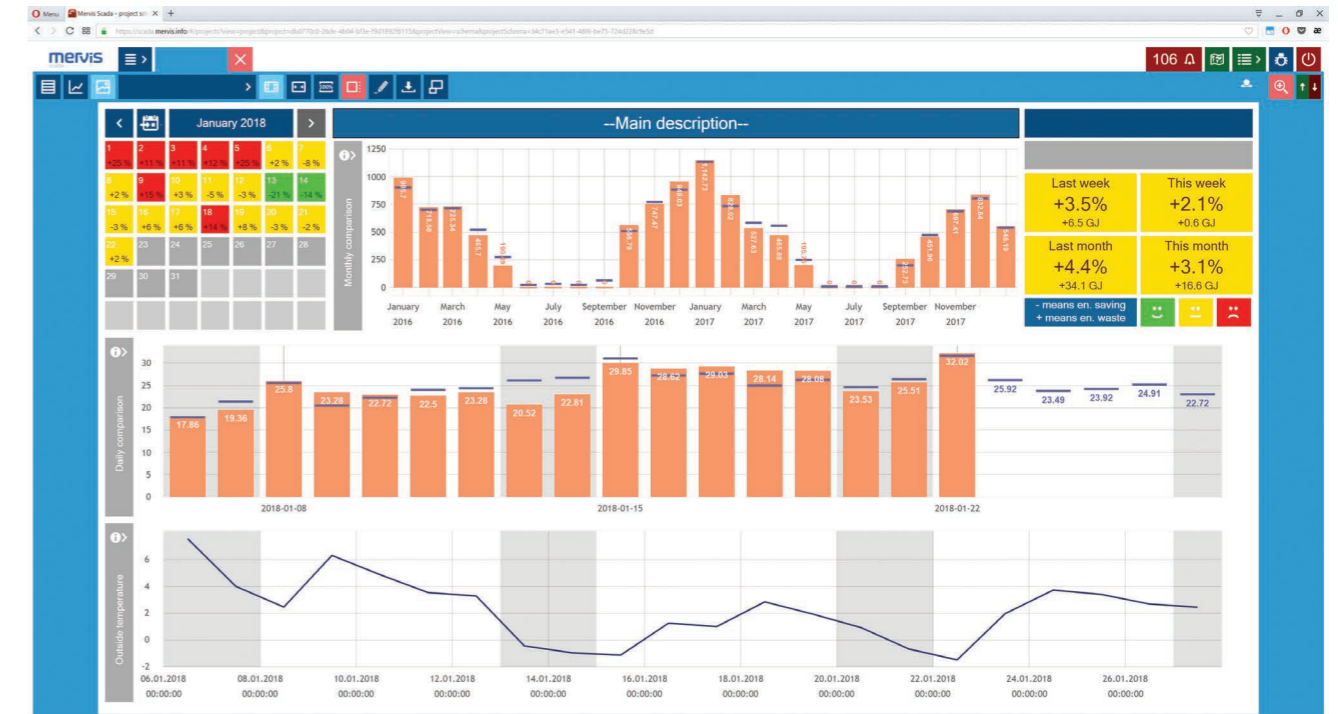
Various types of charts are available for visual analysis in Mervis. For example air quality in lecture hall over one school term is visualized by means of carpet plot.



← **DECREASING STUDENT PARTICIPATION IN LECTURES** →

ENERGY DASHBOARD

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



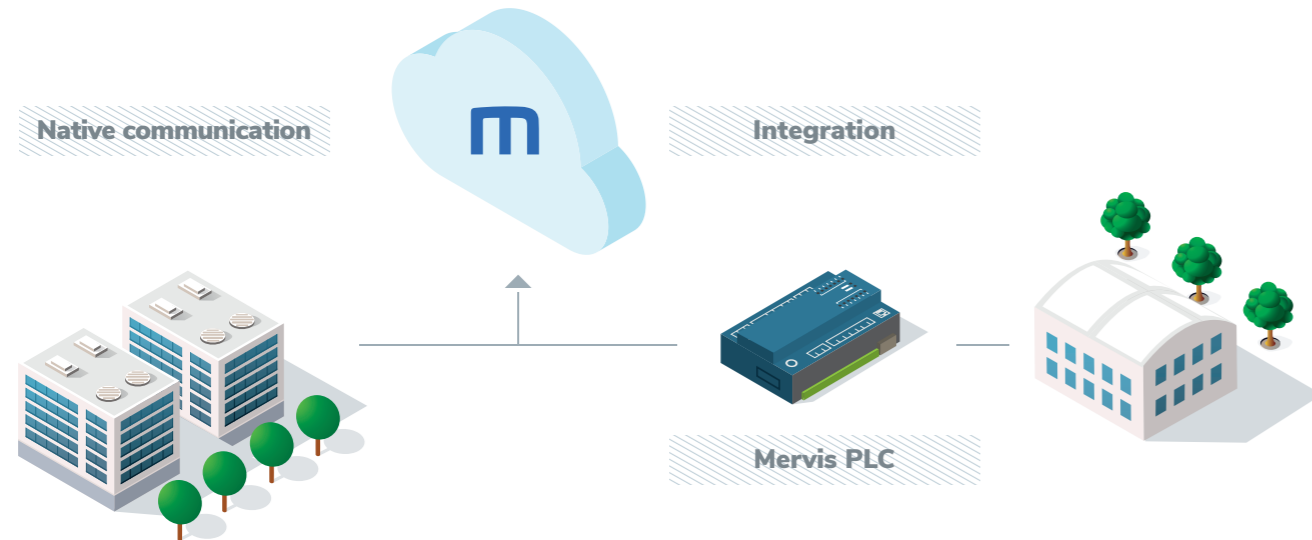
MERVIS IS OPEN

Native support for Mervis

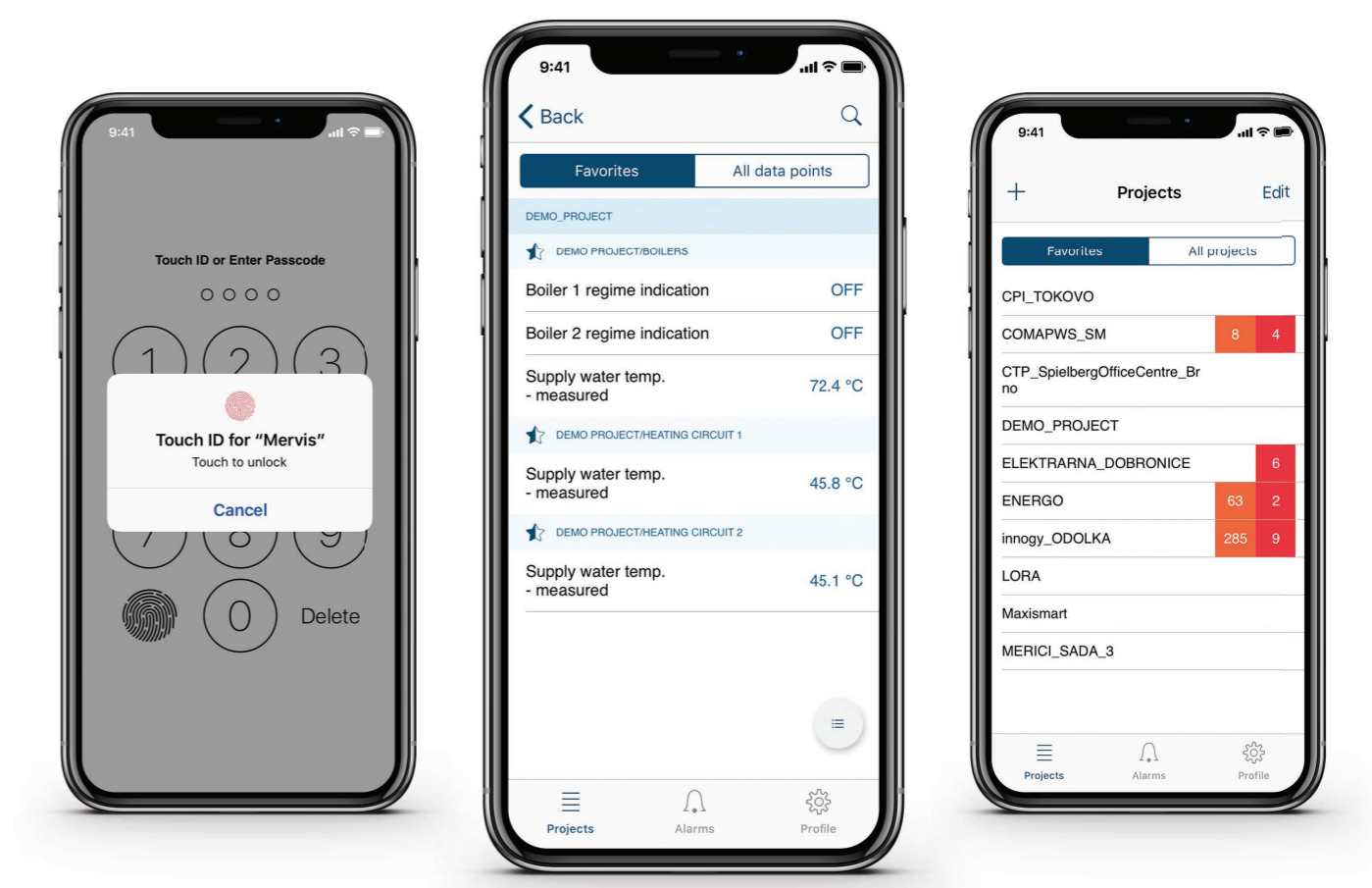
UniPi Domat Amit >>

Integration

Saia Sauter Sauter NovaPro Siemens Landis + Gyr Johnson Controls Daikin
ControlWeb Promotic >>

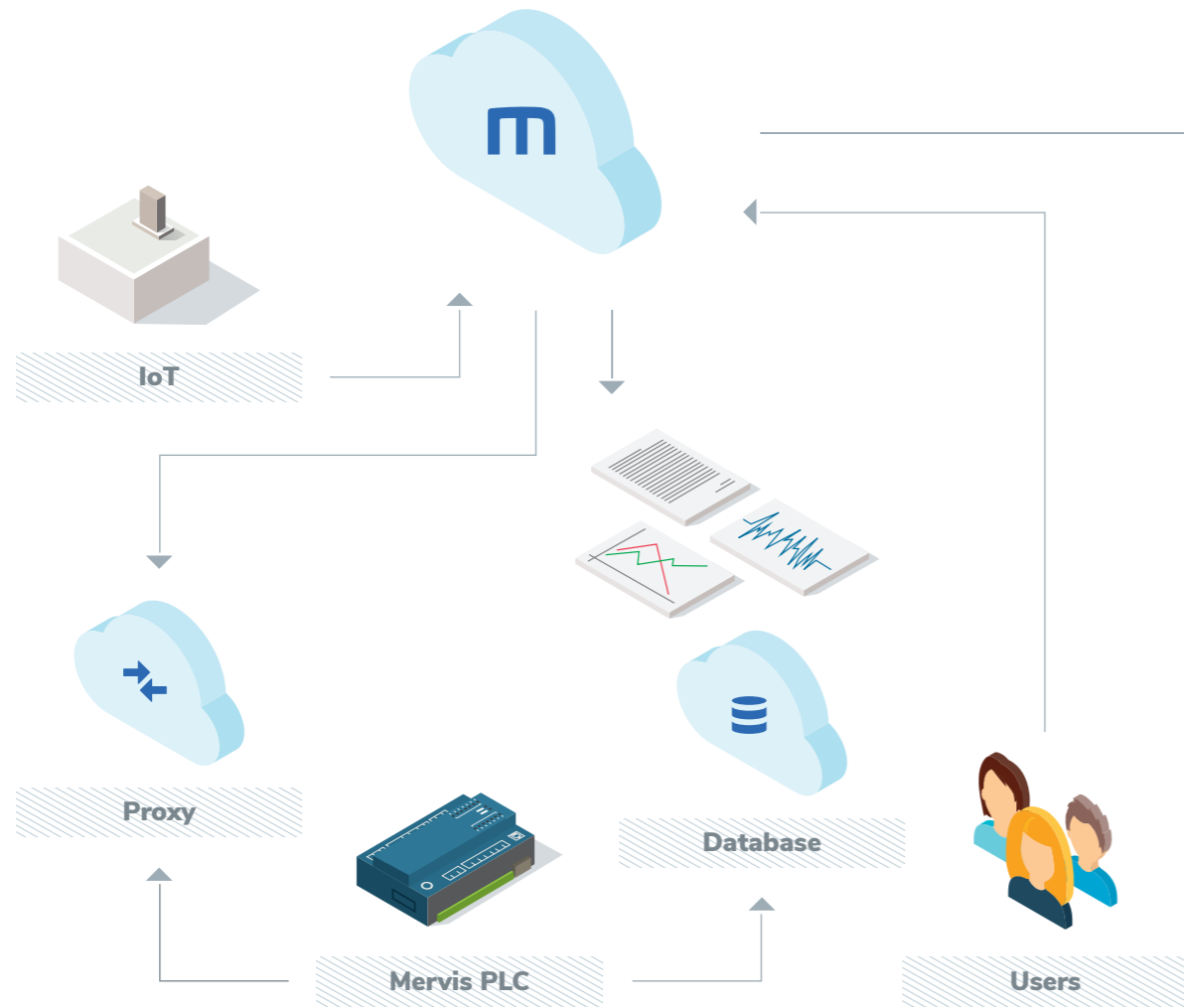


MOBILE APPS

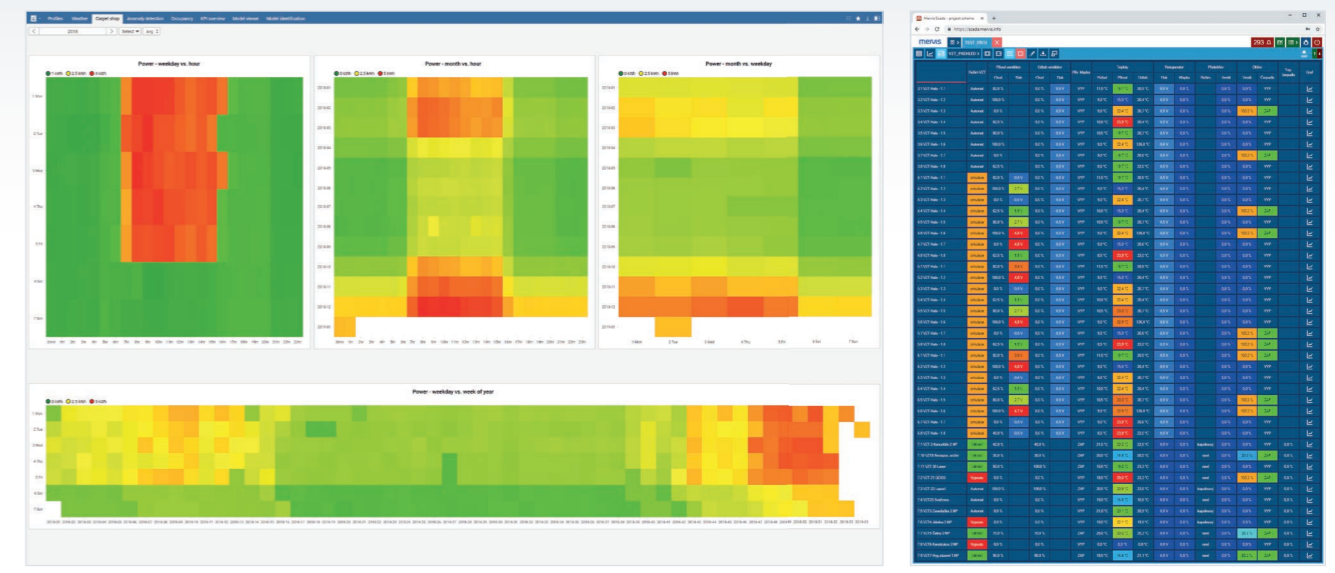


WORLD OF MERVIS

AUTOMATED DATA ANALYSIS



Mervis Analytics Services



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



Learn more: <https://kb.mervis.info>

English

Mervis is a brand name for software products and services provided by [EnergoCentrum Plus, s.r.o.](#)

Control center as a service

Mervis is a cloud service for complex supervision of all operated technologies. This service provides unified centralized data processing and their easy availability for local operating personnel, central supervision, and, if needed, management access.

It can totally replace local control center and, moreover, adds functions for advanced data evaluation, reports, and effortless access from mobile devices for variety of employees. Thanks to being entirely open, Mervis can be freely connected to additional systems, which need to further work with the operational data.

demo

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Try it: <https://scada.mervis.info>

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for english
user: demo_en
password: demo

General information: <https://mervis.info>