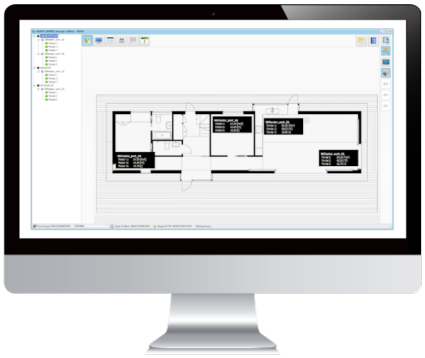


ADAPS

ADAPS is a PC application (for computers with Windows) for monitoring systems, which allows visualization of measurements (map of objects (labels on graphics), tables, plots), data archiving (measurements, alarms, events) and alarming (also via e-mail). Due to its functionality and versatility, the ADAPS program is ideal for budget as well as complex monitoring systems with multiple measurement points. ADAPS software is available in four variants:

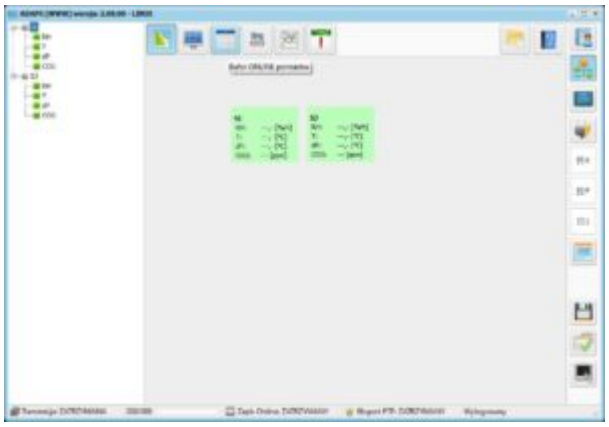
ADAPS [DEMO]

Free version of ADAPS software, designed to work only with one device (monitoring up to 9 parameters). Besides this limitation, ADAPS [DEMO] has all the features of ADAPS [STANDARD].

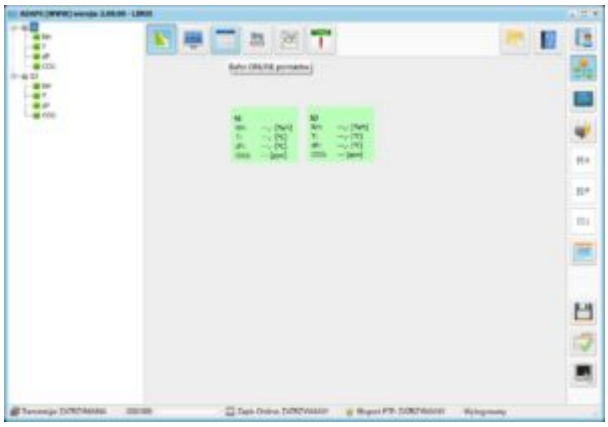
ADAPS [STANDARD]

The most popular version of the ADAPS system that supports up to 200 measuring devices with an RS-485 (MODBUS RTU) and/or Ethernet (MODBUS TCP) interface. Data from measuring devices, information about alarms and events are saved to * .CSV files on the disk.

ADAPS [STANDARD] has additional functions, including alarming about exceedances or errors in communication (including e-mail messages) and generating test alarms (also e-mail messages). Data is represented in the form of the so-called "Site maps", display tables and charts. The advantage of the program is the ability to add users with different access rights to the program.



ADAPS - MAP panel view



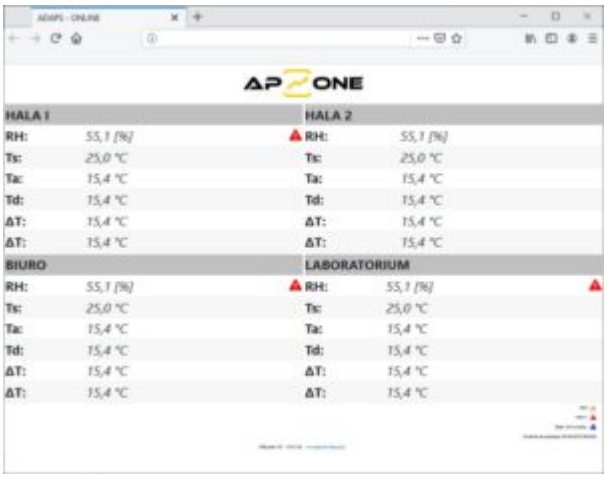
ADAPS - PLOT panel view

ADAPS [DATABASE]

This version of the software is an extension of the ADAPS [STANDARD] version with the possibility of saving measurement data, alarms and events to the MySQL database. An inseparable part of the measuring system based on ADAPS [DATABASE] is an additional application (delivered free of charge, to be run on computers of all system users) - ADAPS Viewer. The combination of these two programs enables both the preview of the current values and the quick raports generation by many users (from many computers) simultaneously. Hosting the system database on an external server allows access to data from anywhere in the world.

ADAPS [WWW]

ADAPS [WWW] is an extended version of ADAPS [DATABASE], which generates (with a specified time interval, eg every 15 minutes) a static website with a table containing current measurement values and alarms. The automatically generated page can be sent via FTP to any hosting. The advantage of this solution is the fact that it does not require a dedicated server, but only a standard hosting and any domain or subdomain.



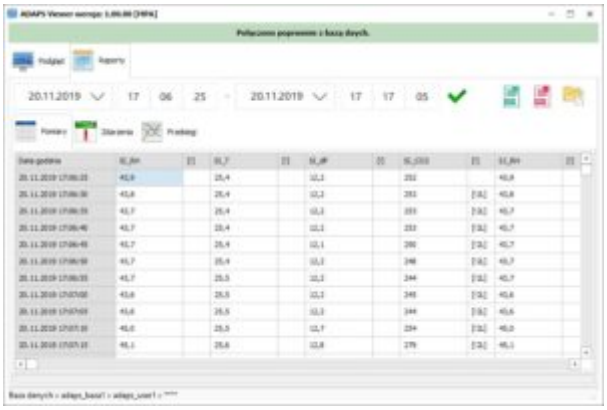
ADPAS [IDAPS]

ADAPS [IDAPS] is a version of the program that is a bridge between the network of system devices and the IDAPS web software. This version is designed to enable communication with measuring devices (data download, error alerts, ...) and transfer data to the IDAPS application (FTP, file copying, ...). A description of the IDAPS web program can be found here. The IDAPS system demo is available at www.idaps.eu.

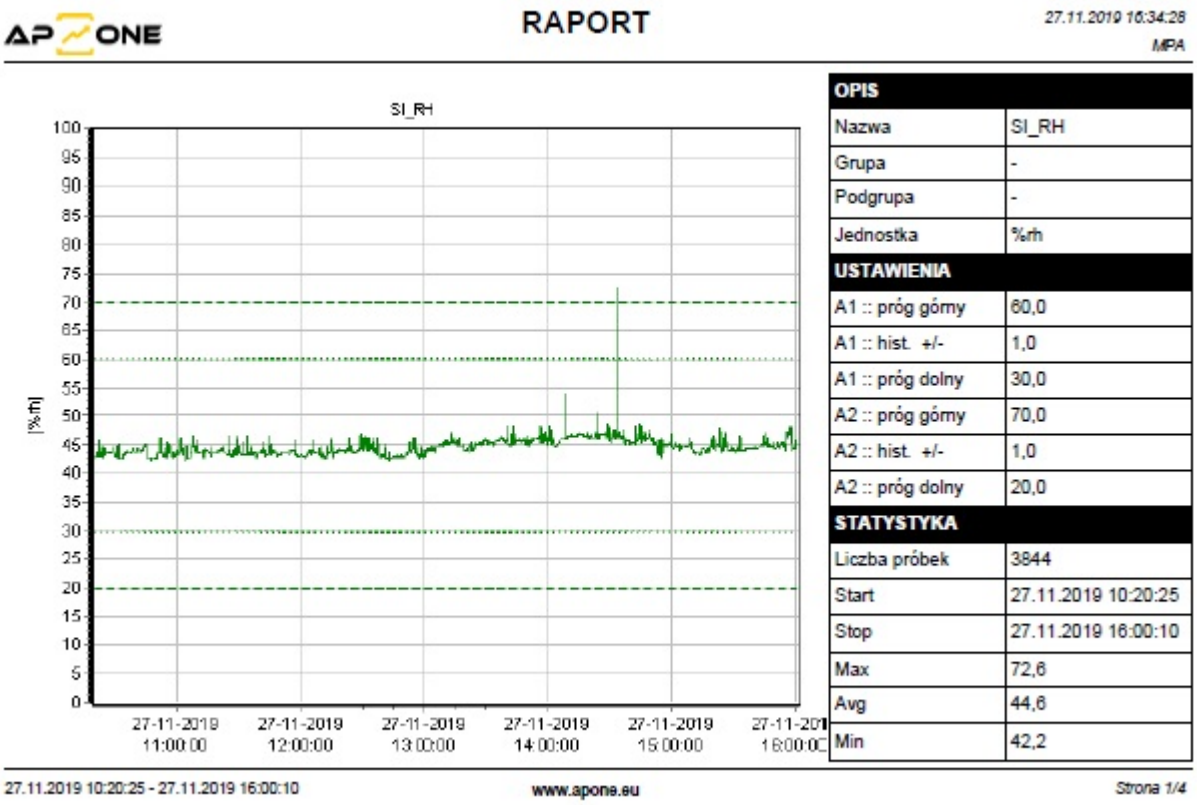
ADAPS Viewer

ADAPS Viewer is an inseparable part of the ADAPS [DATABASE] and ADAPS [WWW] applications, which enables the visualization of current data and the reports generation from archived data stored in the database. ADAPS Viewer is delivered free of charge with the appropriate version of the ADAPS application. The program's main advantage is its ease of use, which is appreciated by users. Most of the settings are yesen from the project in ADAPS ([DATABASE] or [WWW]) so that the reports generated by different system users are consistent.

ADAPS Viewer – main window



ADAPS Viewer – archival data



ADAPS Viewer – sample PDF report

Summary of ADAPS versions:

	[DEMO]	[STANDARD]	[DATABASE]	[WWW]	[IDAPS]
Number of devices	1	200	200	200	200
Save to files	yes	yes	yes	yes	yes
MySQL database	no	no	yes	yes	-
HTML generation	no	no	no	yes	-
IDAPS compatible	no	no	no	no	yes
Functionality	+	++	+++	++++	+++++
System requirements	+	+	+	++	+++
Cost	0	$	$$	$$	$$$
Additional costs	-	-	-	Hosting / domain (~ 50 PLN / year). You can use the company website	IDAPS Cost, Dedicated Server

Typ aplikacji	Desktop application (PC, Windows)
Liczba wspieranych urządzeń	Multiple devices (also in network)
Kompatybilne urządzenia	Devices with Ethernet Interface (Modbus TCP), Devices with RS-485 Interface (Modbus RTU), DiMod displays, MaxMod modules, MiMod transmitters, SiMod transmitters
Wizualizacja pomiarów	Combining devices into groups, Indicators with measurements, Labels with results on bitmap (object map), Measruements charts, Tables with measurements
Alarmowanie	Configuration via application, Email / SMS*
Rejestracja danych	System data logging
Rejestracja zdarzeń	System alarm logging, System event logger
Raportowanie	Manual report generation (Table/Graph)
Dostęp (użytkownicy, hasła)	Access levels, Multi-user, Password protect
Dodatkowe funkcje	–

Producent zastrzega sobie prawo do dokonywania zmian niektórych parametrów w związku z ciągłą pracą nad udoskonalaniem konstrukcji urządzenia, bez powiadamiania o tym jego użytkowników.