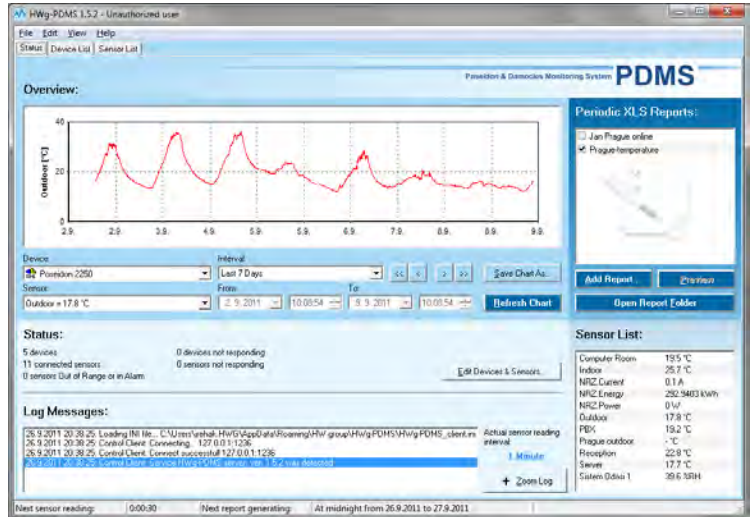# HWg-PDMS: Collect & visualize data

Windows application for data collection, native MS Excel exports.

PDMS is a free application by HW group for collecting data from all types of IP sensors (Poseidon xxxx, Damocles xxxx, HWg-STE, and more). Data collection takes place in the background over LAN or over Email (GSM-enabled HWg-Ares unit).
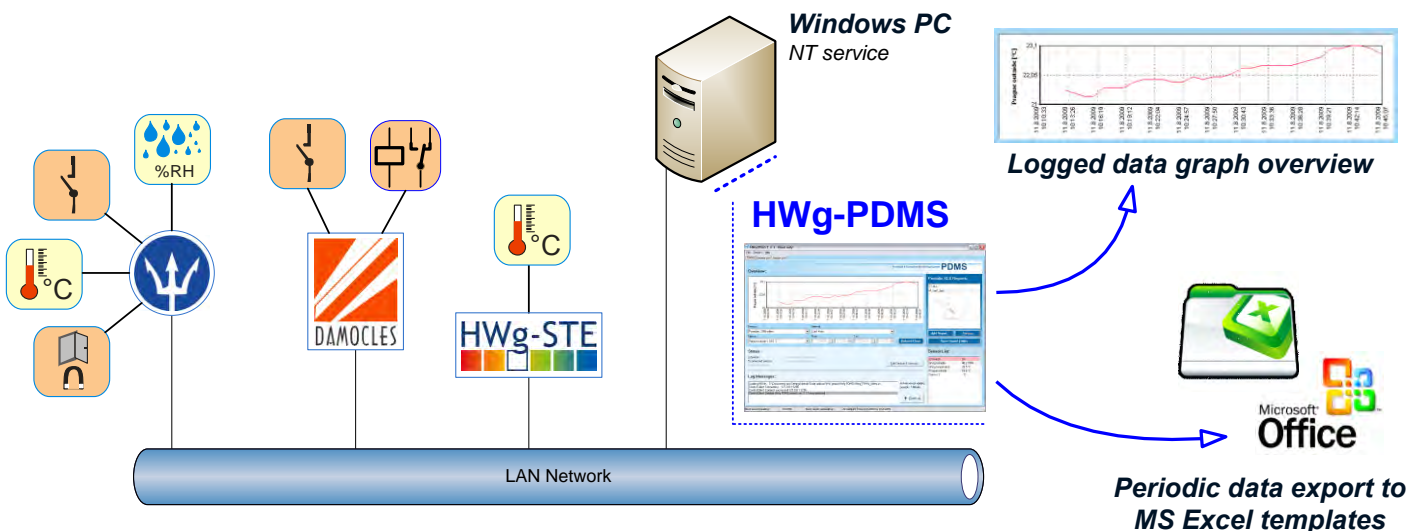
Data from the internal database can be exported in the background as a XML database, or natively exported to MS Excel using the supplied set of macros.

Version for 3 sensors (values) is free of charge. Commercial version supports up to 100 devices and 250 sensors.

- **Data input**: LAN (http) / Email (POP3) / Portal (HWg-Push protocol)

- **Compatible devices**:
  Poseidon / Damocles / HWg-STE / HWg-STE Push / HWg-WLD / HWg-PWR / HWg-Ares

- **Data output**: Graph overview / MS Excel export / XML database / Email report

- **Application**: Windows UI, Windows service (runs in the background, suitable for servers too)

- **License**: Free of charge for 3 sensors / Commercial version for 8/20/250 sensors

- **MS Excel export**: Periodic, in the background, compatible with MS Excel 2007 and newer

HWg-PDMS topology

Logged data graph overview

HWg-PDMS

Periodic data export to MS Excel templates

Data input

- **LAN (http) / Email (pop3)**
  - **HWg-STE**: Web thermometer
  - **Poseidon** (all models)
  - **Damocles** (all models)
  - **HWg-PWR**: M-Bus IP energy meter
  - **HWg-WLD**: Water leak detector
  - **HWg-Ares12** (only by Email)

- **Portal** (HWg-Push)
  - **HWg-STE Push**
  - **HWg-Ares12**: GSM/GPRS monitoring

Functions

- Data collection, internal Firebird database
- Graph overview of the stored values
- Manual export to XML/ MS Excel (selectable sensors and period)
- Periodic data export (in the background, selectable sensors and period)

System parameters

- The core runs as a NT service
- Windows 2000/XP/Vista, 2000/2003 Server
- Compatible with MS Excel 2007 and newer

Licenses

- **PDMS Trial:** Max 3 sensors – **free**
- **PDMS 8**: Max 8 sensors
- **PDMS 20**: Max 20 sensors
- **PDMS unlimited**: Max 250 sensors
  Max 100 devices (IP's)

Language versions

- English
- Czech
- German
- French
- Dutch
- Polish
- Indonesian
- Italian
- Slovene