

HWg-cloud.com / SensDesk.com

Monitoring portals for your IoT projects

Two portal services www.HWg-cloud.com / www.SensDesk.com are available as web-based service for online remote monitoring and control of HW group devices & sensors.

- The [HWg-cloud.com](http://www.HWg-cloud.com) is free service with basic device management features & Email Alerts.
- The [SensDesk.com](http://www.SensDesk.com) is global paid service for professionals. 30 days trial version is available. It is portal solution for single users with few devices as well as project installations with hundreds of devices.
- **SensDesk licence** can be also installed on your own servers (on premise).
- **SensDesk portals** are also provided in several languages by 3rd party **Portal providers**.

Portals support all remote monitoring products by HW group connected by **LAN, WiFi, GSM, LTE** or **NB-IoT**.



Alert services

Email, SMS, Voice Call & other alerts are available, when any of your sensor values is out of defined range. Alerts are logged, can be escalated or solved with comments.

Remote process control and switching

SensDesk.com portal can monitor and control remote DO (Digital Outputs) – relay outputs on the connected devices. User can switch any output manually, based on sensor value or with more complex conditions.

Solutions for your business



Data centers
& server rooms



Hotels
& house rentals



Stores
& retail



Warehouses
& storage rooms



Industry
& manufacturing



Schools
& public buildings



Smart cities
& municipal



Pharmacy
& medical



Logistics
& transportation



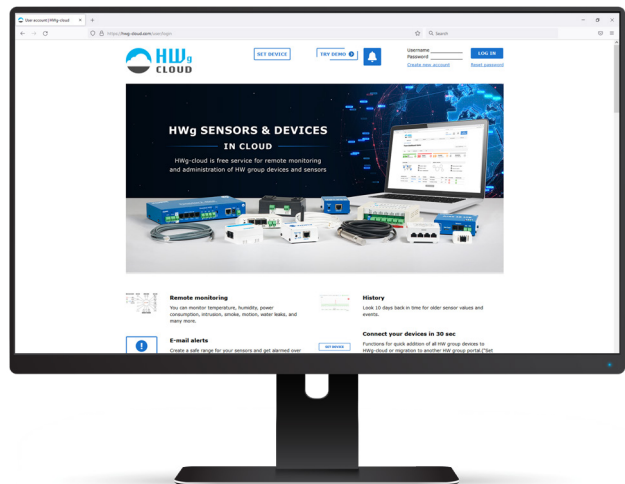
BTS stations
& technology

Quick setup and configuration

All HW group monitoring devices (more than 30 products) can be easily connected to the portal. Basic **device management** for connected devices is available.

Free / paid portal versions

- 1) **HWg-cloud.com** is "HWg sensors & devices in cloud" service. It's free service limited to basic device management and email alerts.
- 2) **SensDesk.com** is "Monitoring and Alerting system in cloud by HW group". Paid service with many features for global customers of HW group.
- 3) **Portal providers** are 3rd party companies with their own portal based on SensDesk. These services can be running in local languages & using different price models.



Why to use the portal?



Remote monitoring

30+ device types can be connected.
70+ Sensors/Detectors are available.



Open API available

Sensor values from the portal are available via SNMP or XML Open API.



Reports and graphs

Generate automatic PDF reports and access data history with just a click.



Event alerts

Get alarms over SMS (Voice call) or e-mail and be sure you can respond to the event in time.

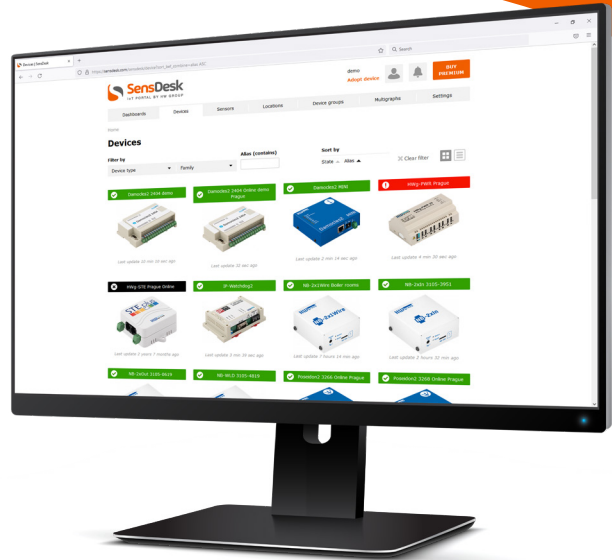


Remote output control

Use conditions to automatically respond to alarms or control outputs manually.

User dashboard, groups and locations

www.SensDesk.com enables user interface customization. Users can manage Sensor/DI/DO/Devices names & locations. Doesn't matter if you have 1 or 1000 sensors, portal Dashboard visualize situation of your system at a glance. Data are presented in MultiGraph charts. Recorded data can be downloaded from the portal in many formats, including XLS, CSV, PDF, JPG, SVG and more.



Complex portfolio of Sensors and Detectors



Smoke



Vibration



Air flow



Gas



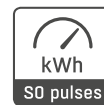
Power Supply
230V



Door contact



Motion



Electricity meter
kWh
50 pulses



Contact



Light measurement



Voltage



Analog Input
4-20 mA



Current
A



Relative humidity
%RH



Air quality
VoC



Air quality
CO₂



Dew point
DP



Atmospheric pressure
Pa



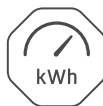
Thermometer



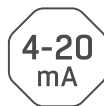
Gas meter
Gas m³



Electricity meter
W



Electricity meter
kWh



Analog Input
4-20 mA



Water meter
Water m³



Calorimeter
Heat



M-Bus meter
M-Bus



Water Leak Detection
WLD Zone input

	HWg-cloud.com	Sensdesk.com
Licence type	SaaS	SaaS
Typical use	Central Device management	Global monitoring service
Price	Free of charge	From 12€/ month
Number of monitoring devices	Up to 20 devices	5/10/25/more
Number of sensors	Unlimited	Unlimited
History (database)	10 days	30/365/730 Days
Device management	✓	✓
Alerting	Basic; E-mail; only 2 Targets	Basic + Advanced
SMS alerts	✗	✓ (SMS-GW + Twilio service)
Phone call alerts	✗	✓ (SMS-GW + Twilio service)
PDF Reports	✗	1/2/5/more
Dashboards	1	1/2/more
Output control	Web	Web + actions
Multigraphs	✗	1/2/5/more
Actions	✗	Email, SMS, Set Output, SNMP Trap
Open API	✗	SNMP, XML
Amount of Teams	1	1
Users in one Team	1	1/2/3/more
Customization	✗	✗
Annual fee to HW group	Free service	Included in the month plan
Use of own SMTP server	✗	✗
Can run in private network	✗	✗
Updates and upgrades	Automatically	Automatically
HWg Vodafone NB support	Automatically	Automatically
Device Migration (Forward)	✓	✓