

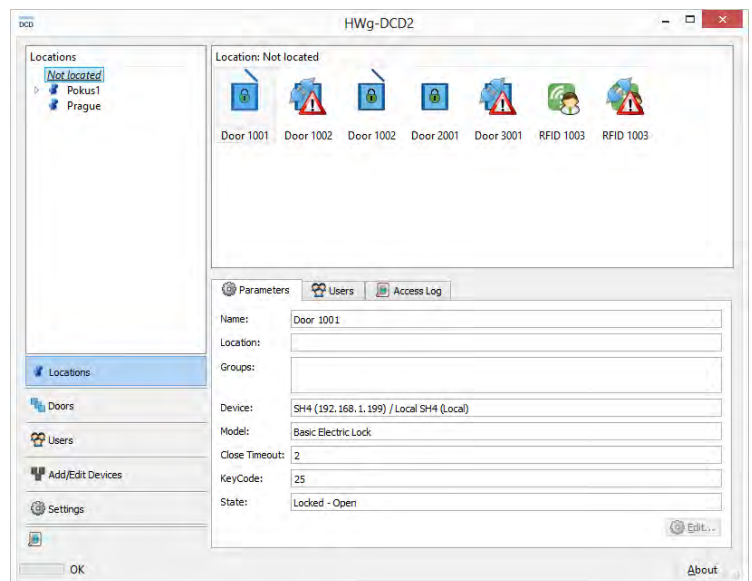
# HWg-SH4 - preliminary

*Cabinet access system with IP interface (WEB) and RFID database*

HWg-SH4 is an access system (for racks or even whole objects), RFID based with IP interface for central user administration. User access cards database can be stored in central SW or directly in HWg-SH4 unit. The device database synchronises with HWg-DCD software.



- Native support for 2 electronic locks and an option for connecting support contacts.
- Internal database of 2000 RFID cards can be used offline without the IP connectivity. The cards database can be managed via built-in web interface.
- Central access administration application available (HWg-DCD Data Center Dashboard).
- Supports up to 8 remote locks via IP, in order to decrease projects costs. Each lock identifies by its door code.
- RFID readers with keyboard supported.



## Usage benefits

- ✓ Now you know **who and when** was in your cabinet. And you know it **immediately**.
- ✓ **Manage RFID cards remotely** over the web or central software.
- ✓ **Card database from the central SW is stored also in HWg-SH4 for cases of server connection problems**
- ✓ Administrator can be notified by SMS about each door opening or an attempt to unlock the door with an invalid card.

## Function

- Controls two cabinet door swing handles
- Built-in WWW interface for configuring the unit and local access to the database
- **Online / Offline modes**
  - 1) **Online mode:** central control via HWg-DCD. Cards database is stored in HWg-SH4 and also in the application for central control.
  - 2) **Offline mode:** uses internal database of authorised cards. Informs via email about opening the door.
- Email alerts
- Violence (vandalism) detection system
- Log file with complete events record

\*

## Parameters

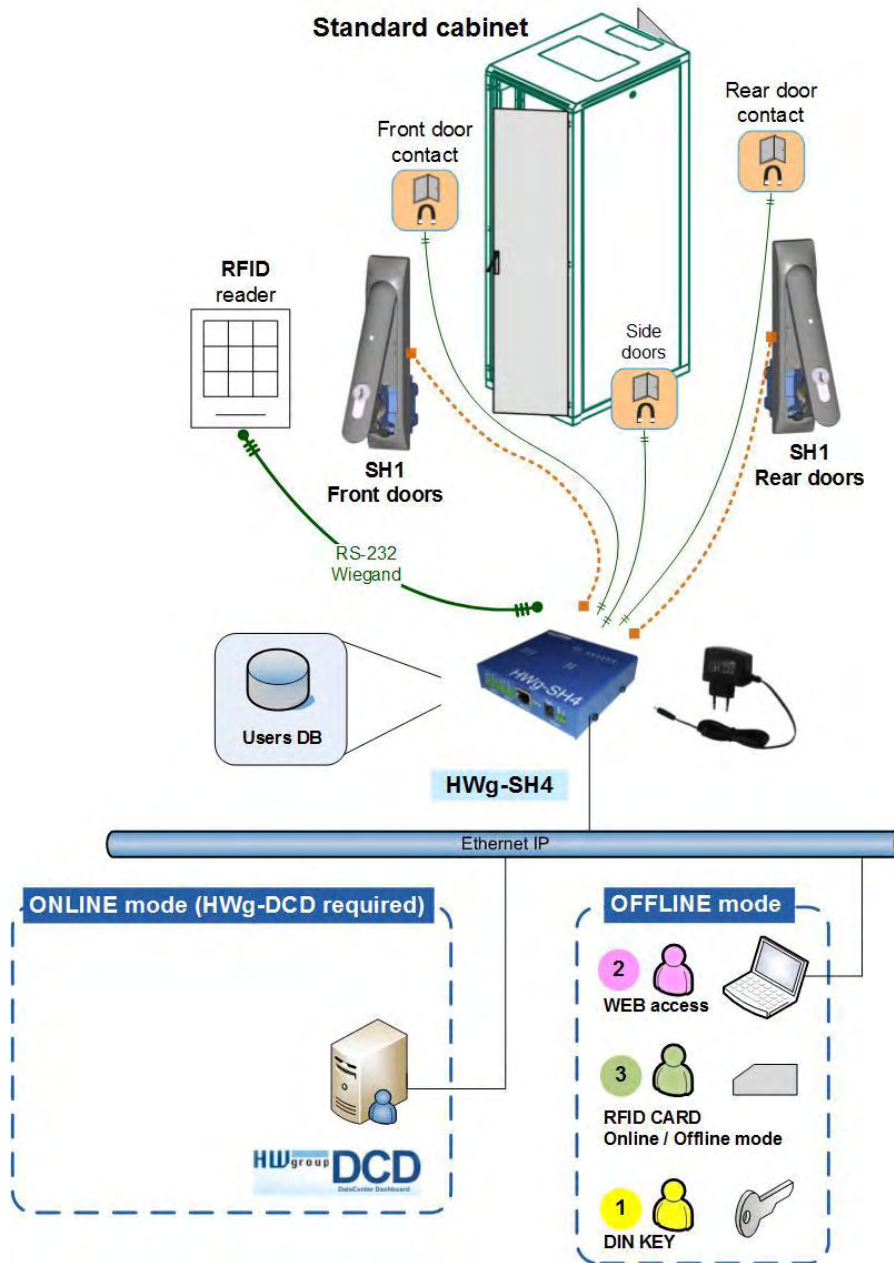
- **Connected peripherals**
  - 2 independent locks with switch relays
  - 4 door contacts (doors / leaving button) \*
  - 2 RFID readers (RS-232/Wiegand)
- **Internal memory:** 2000 records
- **Communication**
  - Web interface for setup and control
  - HWg-DCD protocol support
- **Network interface:** 10/100 Mbps
  - HTTP, NTP, SNMP, SMTP, Syslog

*The lock consists of contact relay and three inputs (unlocked, open, leaving button). SW inputs definition within the FW*

## usage examples

- Remote cabinets
- Remote posts (highway, BTS...)
- Family and apartment houses
- Office and school buildings
- Secure access to datacenters / telco rooms
- Medical cabinets (medicaments storage)

Standalone modes



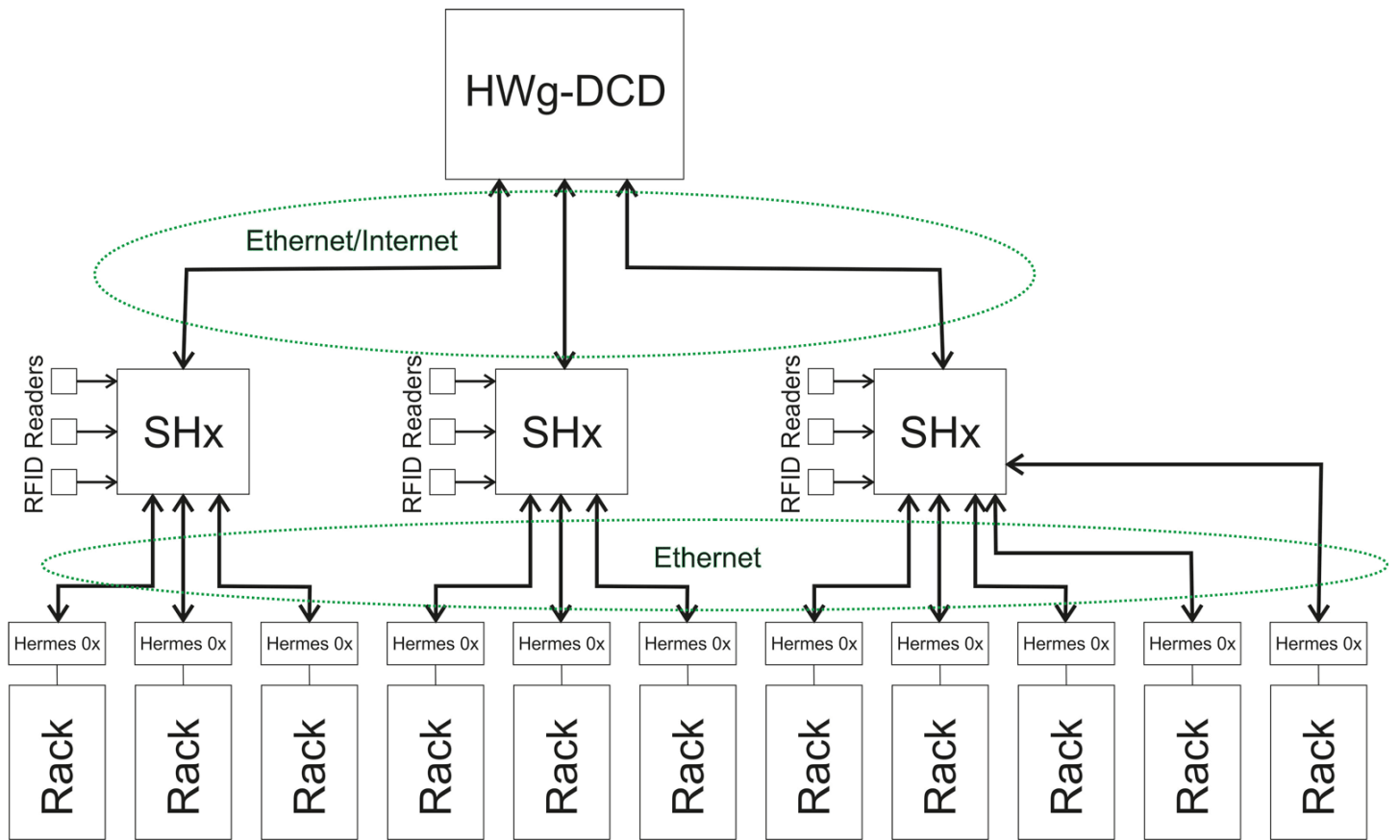
Access control - with HWg software

- 1) DIN KEY
- 2) Web access
- 3) **Online mode:** RFID card + DCD  
**Offline mode:** RFID card & SH4 database

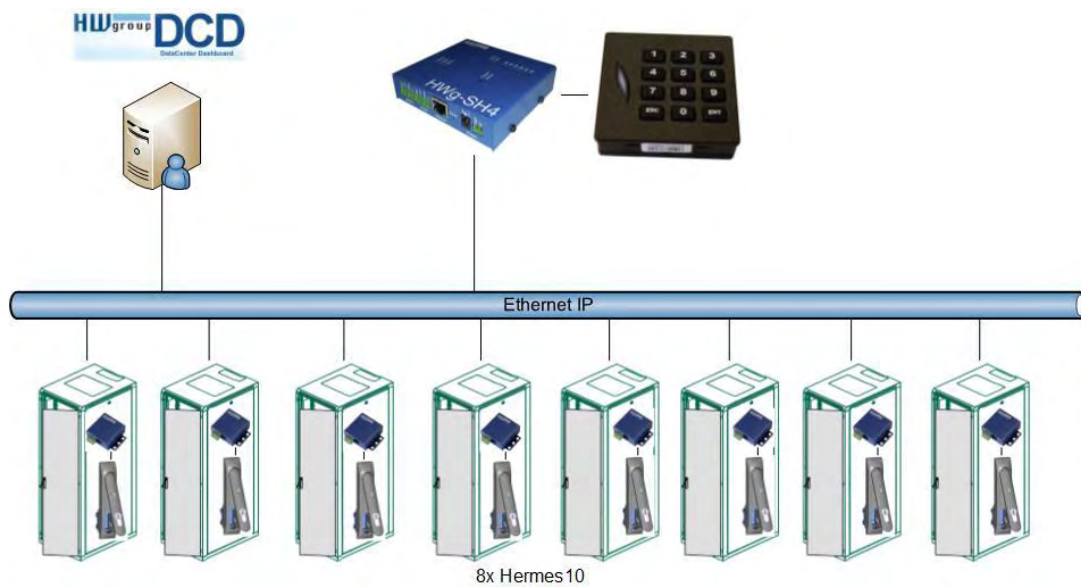
Access control – no software

- 1) DIN KEY
- 2) Web access
- 3) RFID card (based on a local SH4 database)

### Solution with using remote Hermes 10 units

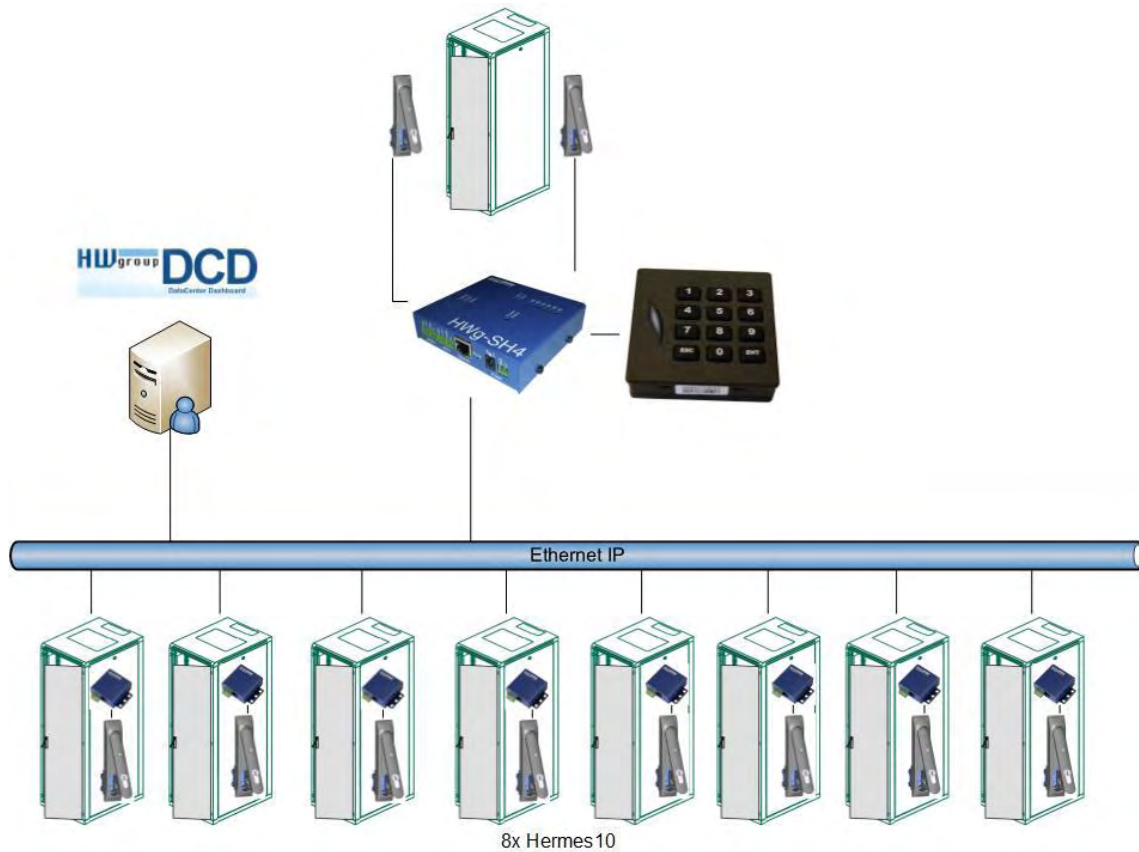


### Solution with only 8x Hermes 10



SH4 works as an RFID terminal. Door opening definition - keyboard code.

**SH4 as another access point**



SH4 alone works as an access point. Door opening definition - keyboard code.

**HWg access systems - comparsion**

	HWg-SH2	HWg-SH3	HWg-SH4
Device Web interface	✓	✓	✓
Swing handles + door contacts	✓	✓	✓
3rd party lock support (other than SH1)	✗	✗	✓
Remote Hermes 10 units	✗	✗	✓
<b>Online synchronisation DCD &lt;=&gt; SH4</b>	✗	✗	✓
<b>External lock</b> (dry contact input)	✓	✓	✓
<b>RFID reader</b> (RS-232 & Wiegand)	✗	✓	✓
<b>RFID readers with keyboards</b>	✗	✗	✓
<b>Internal database</b> of RFID cards	✗	✓	✓
<b>Central command access</b> (HWg-DCD)	✓	✓	✓