

IT Security Technology for Your Business



SiteManager II Status



Alarm	ACK	Name	Value	Range	Alarm Low	Alarm High
1	●	Serverraum Eingang H+1,2m	18.0 °C	0-100 °C	9.8 °C	29.8 °C
2	●	Serverraum Decke Eingang	32.5 % rel F	20-120 % rel F	20.0 % rel F	80.0 % rel F
3	●	Serverraum Decke Gang 3-4	23.9 °C	0-100 °C	9.8 °C	29.8 °C
4	●	Serverraum Decke Gang 1-2	25.5 °C	0-100 °C	9.8 °C	29.8 °C
5	●	Technikraum Decke	21.2 °C	0-100 °C	9.8 °C	29.8 °C
6	●	Technikraum Decke	33.7 % rel F	20-120 % rel F	20.0 % rel F	80.0 % rel F
7	●	Technikraum Boden	16.5 °C	0-100 °C	9.8 °C	29.8 °C
8	●	Serverraum Hosten Boden	17.6 °C	0-100 °C	9.8 °C	29.8 °C

Alarm	ACK	Name	Alarm	ACK	Name
1	○	Reserve	5	●	Brandvermeidung Sammelalarm
2	●	RAS Technik. Hauptalarm 100%+	6	●	Brandvermeidung Störung
3	●	RAS Serverraum Störung	7	●	USV Sammelalarm
4	●	RAS Technikraum Störung	8	●	RAS Serverraum Hauptalarm 100%+

Status	Switch	Name	Status	Switch	Name
1	○	Warnlampe Eingangstore	5	○	Reserve 03
2	○	Sirene Eingangstore	6	○	Reserve Haupteingangstü. öffnen
3	○	Reserve 01	7	○	Reserve Serverraumtüre öffnen
4	○	Reserve 02	8	○	-



- Timely detection of danger
- Registration and signalling
- Remote monitoring
- Keyless access control

Access control by finger scan



Tried-and-trusted technology

Biometric systems, which work through the recognition of unambiguous human features, have been in use for many years now.

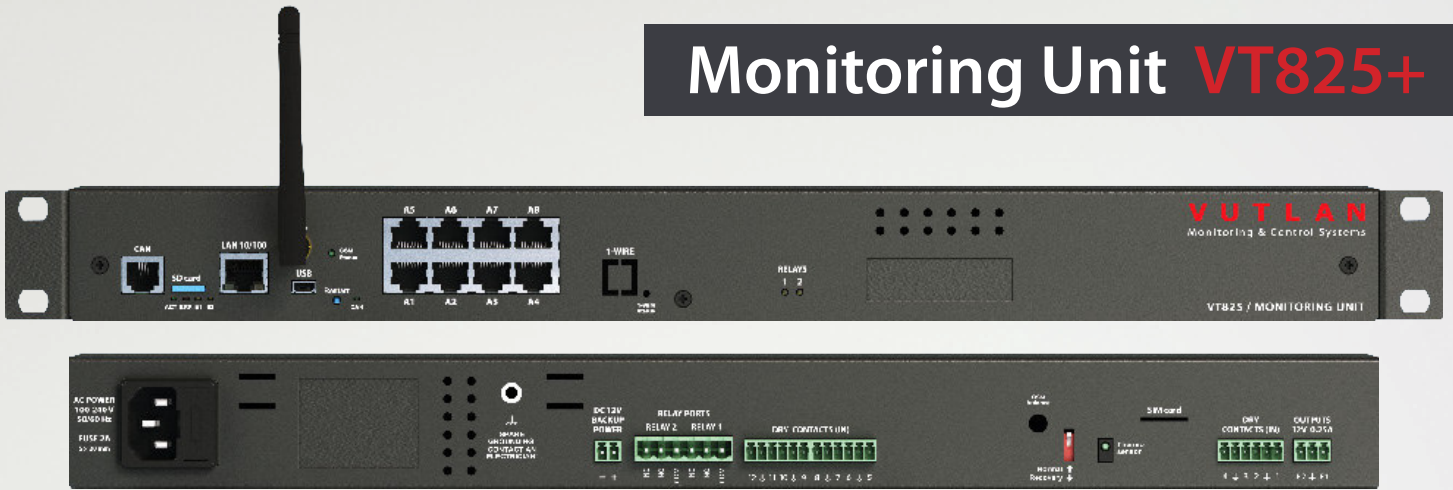
Authentication by means of fingerprints is considered one of the safest methods available. The systems used today scan fingers optically, capacitively or thermally.

Alongside safety, convenience and costs are two other important factors. No cards have to be swiped, no passwords remembered.

Forgotten keys are a thing of the past. Biometric fingerprint scanners check every access easily and with maximum safety.

Access control for server rooms increases user comfort and reduces administration costs at the same time!

Monitoring Unit VT825+



The unit is used in data centers, remote & industrial facilities, offices. Can connect up to 30 sensors, 12 dry contacts, two 12V alarm beacons, GSM modem, USB-cam, SD card, 1-Wire board (instead of VT18) for reader connection. There are built-in servers and agents like HTTP, HTTPS, SNMP v1, 2c, 3, SMTP, Radius, Syslog, FTP, DHCP, Watchdog.

Connectable Sensors

- Analog sensors
- CAN sensors
- 1-Wire sensors
- AC / DC meters

Virtual sensors and elements

- Group, E-mail, SNMP trap, SNMP Get, SMS, IP cams, PINGs, Triggers, Timers

Notifications

- E-mail, SMS, Syslog, Event log, SNMP Trap, SNMP Get

Device management

- Web, SNMP, manually via SMS (using external USB modem)

Network protocols

- DHCP, HTTP, HTTPS, SNMP, SMTP, SSL, FTP, Syslog, CAN, Get SNMP, TLS
- RADIUS access with Login
- Supports SNMP v.1, v.2c, v.3

Web interface

- Sensor graphing
- Multi language support
- User Access and Permissions
- Configurable embedded logic

Alert types

- FTP, Syslog, SMTP or SNMP, SMS (Using external USB modem)

Built-in functions

- Built-in clock time synchronization
- Built-in watchdog timer

Extensions

- GSM modem (VT700)
- Extension board (VT10)

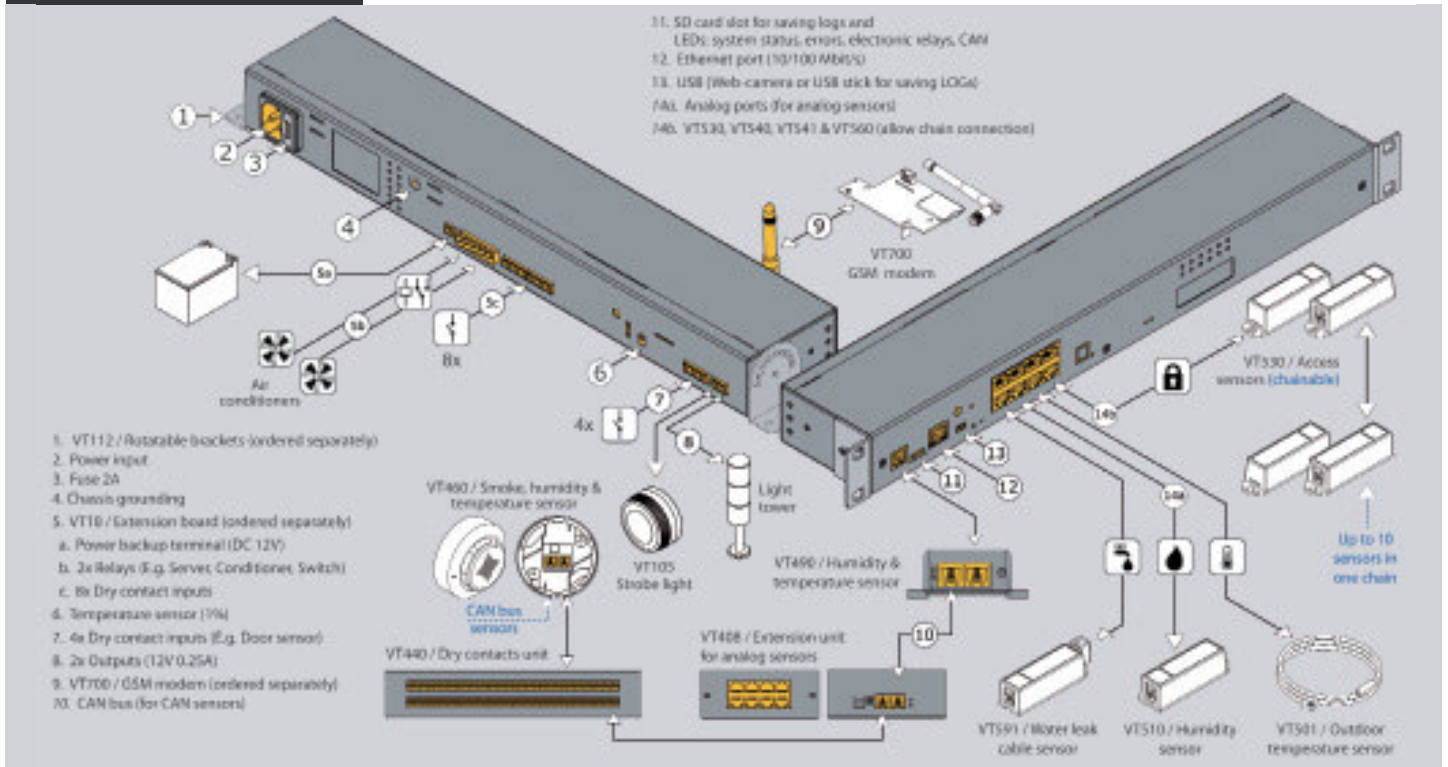
Support & Origin

- 2 Year warranty (extended possible)
- Manufactured in E.U.

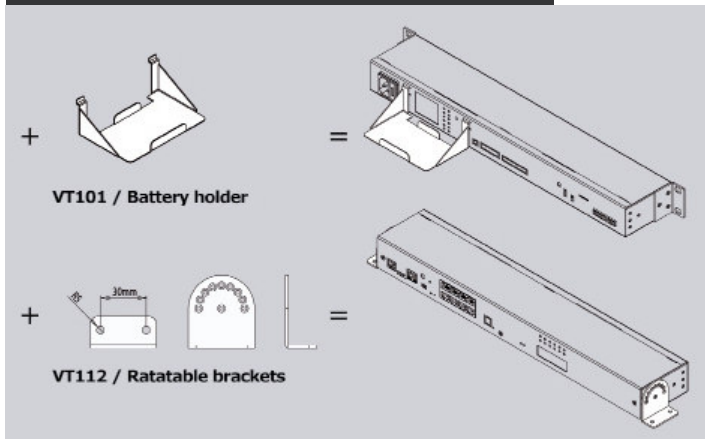
Processor	ARM926EJ 300MHz
Operating system	Linux 3.10.32
Memory	ROM: 512 Mbit NAND Flash, RAM 64 Mb
Inputs	CAN open port for digital sensors x8 AutoSense RJ-12 ports x12 dry contact inputs
Outputs	x2 12V 0.25A outputs x2 loads (latching relays with LEDs indicators)
LED status indicators	Power, Network, Relays & Error, CAN
Network interface	Ethernet 10-100 Mbit/s
Built-in sensors	Temperature sensor (1%) Power supply voltage sensor (1%)
Other connectors	USB (for camera, modem or Flash)

Power requirements	90-240V, IEC C14, Fuse 2A
Power consumption	12 Watt, 2 A
Operating temperature	Min. -10° C, Max. +80° C
Operating humidity	Humidity : Min. 5%, Max. 80% (Non-Condensing)
Dimensions	440 x 44.45 x 79.4 mm
Mounting	19" Rack mount (1U), Desktop (Rubber foot included) Wall mounting using VT112
Expansion devices	VT10 / 1-Wire Board (ordered separately)
Weight	1.5 kg
Other	External enclosure earthing, 12V DC power backup terminal

Connection example



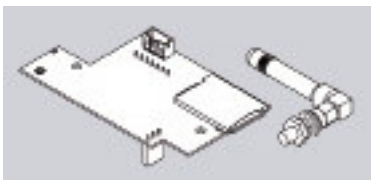
Accessories (ordered separately)



Package includes

- 19" rack brackets - 2 pcs
- M3 x 8 Phillips flat-head screws - 6 pcs
- EU Schuko C13 0.5 mm² 230V 10A cable
- RJ-45 1m patch cable
- Self-adhesive rubber foot - 4 pcs
- Terminal plug 3 pins, 3.81 mm - 1 pcs
- Terminal plug 3 pins, 3.5 mm - 1 pcs
- Short description and connection guide
- Warranty card

Extension order options (ordered separately)

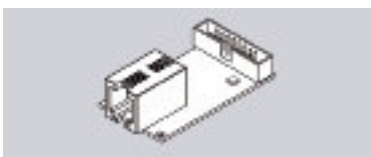


Extension

VT700 / GSM modem

Info

Needed when LAN is absent for sending SMS and voice messages.



Extension

VT10 / 1-Wire board

Info

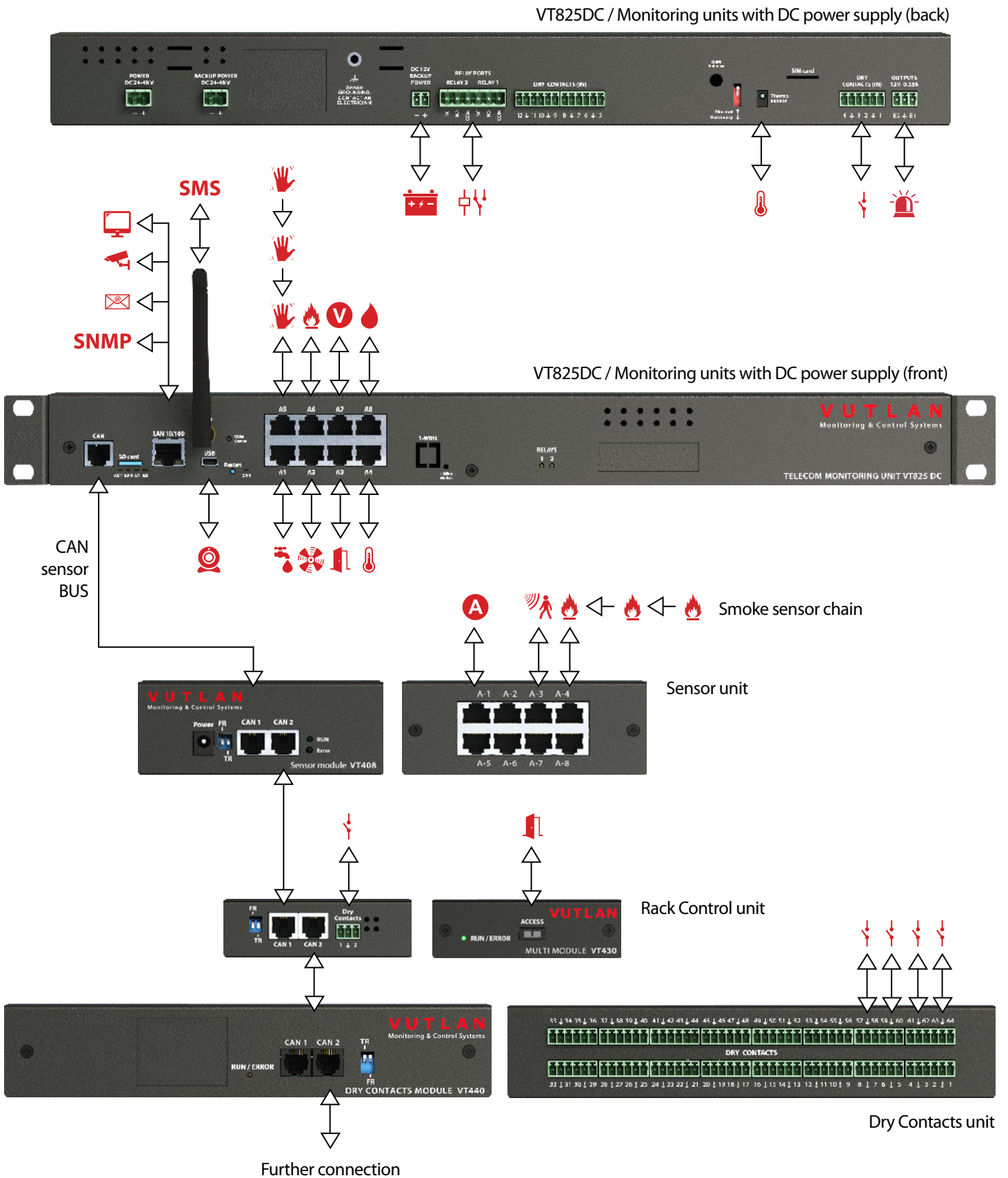
Allows to communicate with 1-Wire readers or sensors. (Installed instead of VT18)

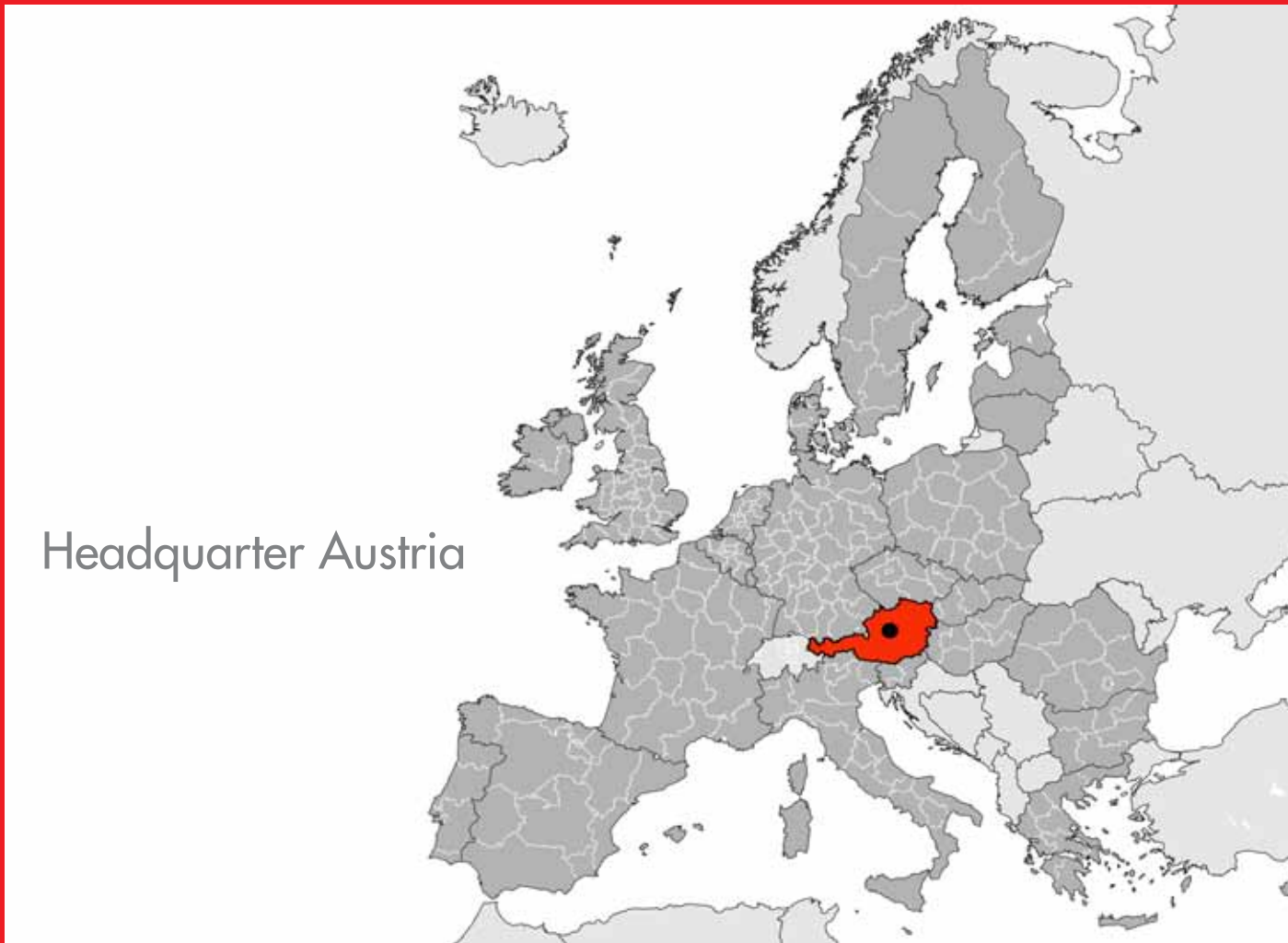
Software scalability options

Tables below depict the most common general software scalability options available for Vutlan monitoring unit.

Web interface	SNMP agents	Sensors	Notifications
<ul style="list-style-type: none"> Full monitoring and control over IP 3-Tier user access Time synchronization Day / night cycles Seasonal time setup Multi language interface System & Group trees Dashboard and stats Dry contacts panel Outlets / Relays panel Event log panel Logic scheme panel Access panel Graphs panel 	<ul style="list-style-type: none"> Supports SNMP v1, v2c, v3 Infrastructure monitoring program NagiosQL Nagios plugins Infrastructure monitoring program OpenNMS 	<ul style="list-style-type: none"> 4-level threshold controls Plug & Play Formulas to adjust sensor values Graphs and Multi-graphs Sensor data import 	<ul style="list-style-type: none"> E-Mail SNMP trap SMS notifications SNMP get
	Logs	Equipment control	Access
	<ul style="list-style-type: none"> Logs, sensor data, configuration elements FTP, Syslog server export Syslog server export Export sensor data in XML or CSV format Save logs to SD card or disk RSS export 	<ul style="list-style-type: none"> Relay switching Outlet switching Change state by SMS Change impulse by SMS 	<ul style="list-style-type: none"> User keys Access GUI panel
		Virtual sensors	Control by SMS
		<ul style="list-style-type: none"> PING Timer Logic schemes 	<ul style="list-style-type: none"> Read sensor data Set state of relay / outlet Set impulse of relay / outlet Program to send SMS from PC
Cameras	Networking		Other
<ul style="list-style-type: none"> IP cameras USB camera Send JPEG stream on event 	<ul style="list-style-type: none"> DynDNS RADIUS 		<ul style="list-style-type: none"> Upgrade via USB, FTP or HTTP Clone settings of multiple systems using "Duplicator" software
		Backup	
		<ul style="list-style-type: none"> Logs export Daily backup of settings on FTP 	

Example connection diagram





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