

Network Up0 Gateway

VIPCOS 900



4 CALL STATION PORTS

3 KM RANGE EXTENSION

RAPID SPANNING TREE

Network Up0 Gateway for flexible communication in industrial environments.
VIPCOS 900 with redundant power supply and rapid spanning tree.

VIPCOS 900

Call Station Monitoring

2 Dry Contacts

Web Browser Configuration

Up0 Gateway for range extension up to 3 km

The VIPCOS Up0 Gateway V900 is designed to extend the distance between the IP network and the VIPCOS weatherproof call stations type V615. The gateway can operate and monitor 4 call stations.

The module contains 10 LEDs for status and fault indication, two network connections with rapid spanning tree, a redundant power supply and 2 two-way contacts for hard-wired fault indications. All connections are equipped with polarised plugs in order to avoid wrong connections.

Simultaneous operation

The VIPCOS 900 Up0 gateway operates 4 call stations type V615 simultaneously. It converts the digital data and connects the call stations to the VIPCOS IP network.

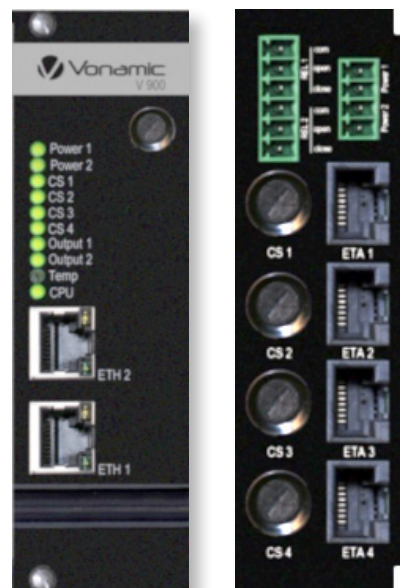
Each call station port is equipped with a fuse. This enables a safe maintenance at one call station while the other call stations that are connected are still operating.

Redundancy

The unit is equipped with a redundant power supply and redundant network connections (rapid spanning tree). It integrates the call stations into the VIPCOS IP network. Furthermore, it facilitates the connection to a SIP server. Both modes of operation, VIPCOS as well as SIP, can be operated simultaneously.

Consistent communication

The basic standard specifications, such as those for a telephone and a call station, are combined in one system and are even extended. VIPCOS 900 realizes this exclusively via digital voice data processing.



Technical Data

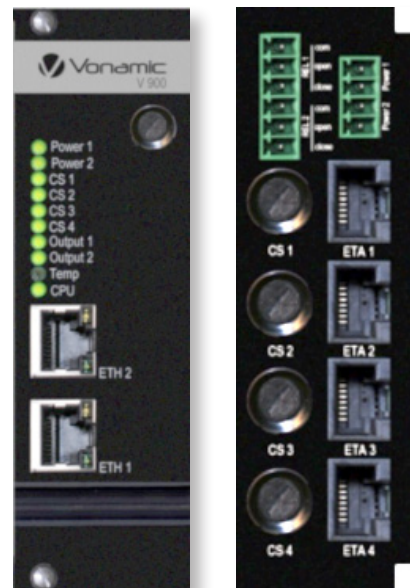
Outputs:	4 x call station terminal for V615 2 x two way dry contact
Network:	2 x Ethernet 100 Base-T
Power supply:	Redundant 48VDC
Power consumption:	60W max
Temperature:	-25 to +70 °C
Operating System:	VIPCOS
Protocols:	Up0, IPv4, TCP/UDP, ARP, RTP/RTCP, DHCP, ICMP, TFTP, SIP (STUN), http, VIPCOS
Audio codec 1:	G.711alaw
Frequency:	G.711 alaw, 300 – 3400 Hz (optional µlaw)
Audio codec 2:	PCM 16
Frequency:	300 – 12.000 Hz
Groups:	up to 250 groups
Priorities:	up to 250 priorities
Configuration:	via website interface and V420
Self-test:	automatic
Safety:	Watchdog function in the operating system
Dimensions:	285 x 200 x 110 mm (H x W x D)
Housing:	1,5 mm aluminum, coated
Color:	black (RAL9005)
Weight:	0,6 kg

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Reliability

Unlimited operational availability is the highest priority when using the VIPCOS 900. This is guaranteed by a permanent and logical monitoring system in the serverless units.

The operational safety can be extended via the monitoring system VIPCOS Guard. VIPCOS Guard – V410 monitors the system status and reports alarms which guarantees a reliable system operation.

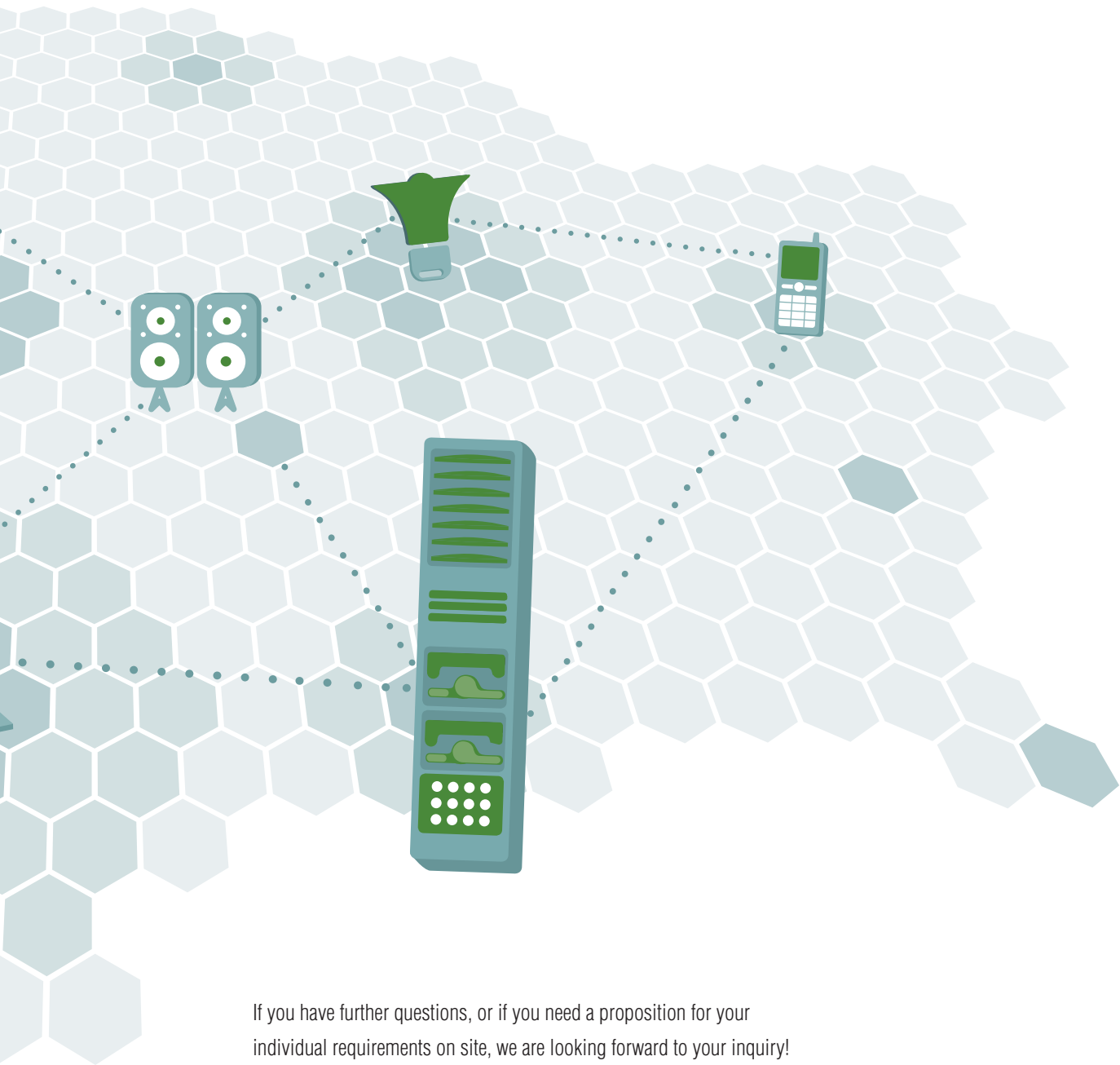
High flexibility

The expectations regarding a reliable industrial communication system may vary depending on the environment and the application. In this regard VIPCOS 410 offers a high flexibility

in order to adapt to different requirements. The properties of the VIPCOS 410 can be configured freely to meet individual requirements, e. g. group, priority or SIP configuration.

Remote maintenance / Remote configuration

Communication and configuration is extremely easy via standardized interfaces and protocols. Hardware configuration, software updates and changes of the VIPCOS 900 are carried out via a standard web browser like Internet Explorer or Mozilla Firefox. For comprehensive communication systems Vonamic recommends the VIPCOS configuration software V420.



If you have further questions, or if you need a proposition for your individual requirements on site, we are looking forward to your inquiry!