

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.

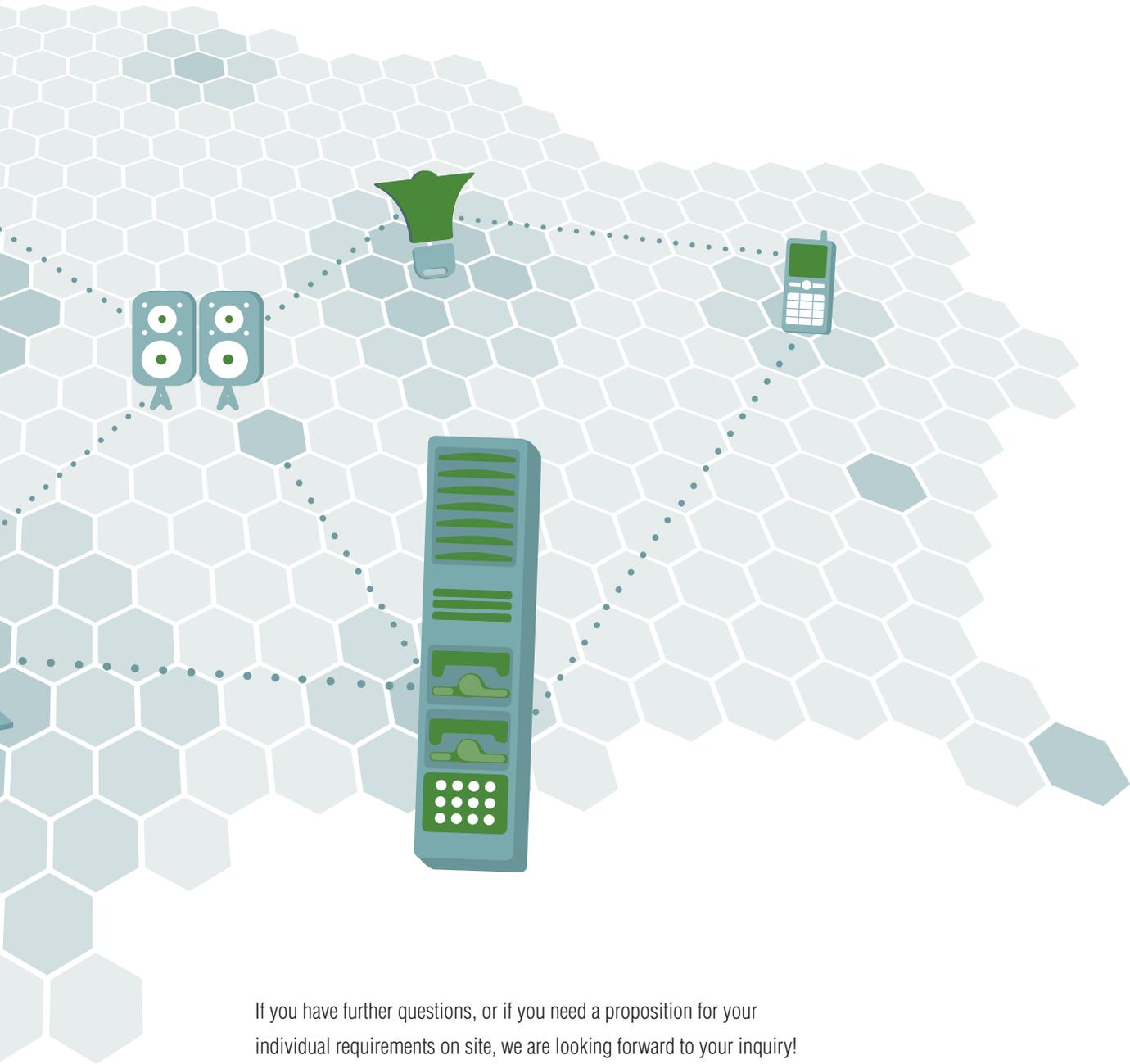
### High flexibility

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!