Network - Desktop Call Station

VIPCOS 640

POWER OVER ETHERNET

FULL AND HALF DUPLEX

SIP COMPATIBLE

Network Desktop Call Station for flexible communication.

VIPCOS 640 with redundant power Power over Ethernet and rapid spanning tree.

VIPCOS 640

Integrated Web Interface

Rapid Spanning Tree

Audio Bandwidth up to 16 kHz

Network desktop call station for control rooms

The VIPCOS desktop call station is designed to be used as the operator console in control rooms. The basic configuration of the desktop intercom station includes 16 illuminated push buttons with replaceable protection caps and labels. It can be extended up to 256 keys. It further includes a flexible gooseneck microphone, an integrated full range loudspeaker and two Ethernet connections with rapid spanning tree. An additional power supply is not necessary since the device is powered via redundant PoE ports only.

User friendly design

VIPCOS 640 is a multi-purpose VoIP call station in a distinctive, userfriendly design especially made for the use in control rooms. VIPCOS 640 allows for flexible communication in all environments. It is easy to operate, robust and can be installed without using any tools. It is automatically integrated to the VIPCOS system by network connection. Further, it can be integrated in any standard SIP system by configuration. Both connections, VIPCOS and SIP, can be operated simultaneously. The electret microphone and the premium loudspeaker ensure superior quality of the voice transmission and allow clear communication, even at high ambient noise levels.

Consistent communication

Apart from easy handling during normal use VIPCOS 640 excels at easy operation under difficult conditions and in stress situations. The basic standard specifications such as those for a telephone and

Technical Data

Inputs:	16 x illuminated keys 1 x Microphone
Outputs:	1 x Loudspeaker
Network:	2 x Ethernet 100 Base-T
Operating System:	VIPCOS
Integrated alarm tones:	optional
Protocols:	IPv4, TCP/UDP, ARP, RTP/RTCP, DHCP, ICMP, SIP (STUN), TFTP, HTTP, VIPCOS
SNMP:	optional
Audio codec 1: Frequency:	G.711alaw G.711 alaw, 300 – 3400 Hz (optional µlaw)
Audio codec 2: Frequency:	PCM 16 300 – 8.000 Hz
Audio codec 3: Frequency:	PCM 32 300 – 16.000 Hz
Power supply:	PoE (Power over Ethernet) Acc. to IEEE-Standard 802.3af
Power consumption:	4W max.
Temperature:	0 to + 60 °C
Groups:	up to 250 groups
Priorities:	up to 250 priorities
Configuration:	webbrowser

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a call station are combined in one system and are even extended. The prerequisite for a failure-free and smooth communication process are excellent hands-free and unilaterally driven PTT-properties under difficult conditions. VIPCOS 640 realizes this exclusively via digital voice data processing.

Reliability

Unlimited operational availability is the highest priority when using the VIPCOS 640. This is guaranteed by a permanent and logical monitoring system in the serverless units. The operational safety can optionally be adjusted to the SNMP network protocol (Simple Network Management Protocol), which is accepted world-wide and which guarantees a reliable system monitoring.

High flexibility

The expectations regarding a reliable industrial communication station may vary depending on the environment and the application. In this regard VIPCOS 640 offers a high flexibility in order to adapt to different requirements. The low power consumption allows for Power over Ethernet, making a local power supply redundant. The

Technical Data

Self-test:	automatic
Safety:	Watchdog function in operating system
Dimensions:	90 x 185 x 255 mm H x W x D
Material:	ABS
Housing color:	black
Weight:	1,25 kg
Classification:	IP20 acc. to DIN EN 60529

properties of the VIPCOS 640 can be configured freely to meet individual requirements, e. g. easy calling of target stations / groups and SIP configuration.

Remote maintenance / Remote configuration

Communication and configuration are extremely easy via standardized interfaces and protocols. Hardware configuration, software updates and changes of the VIPCOS 640 are carried out via a standard web-browser like Internet Explorer or Mozilla Firefox. This facilitates an easy and safe handling.

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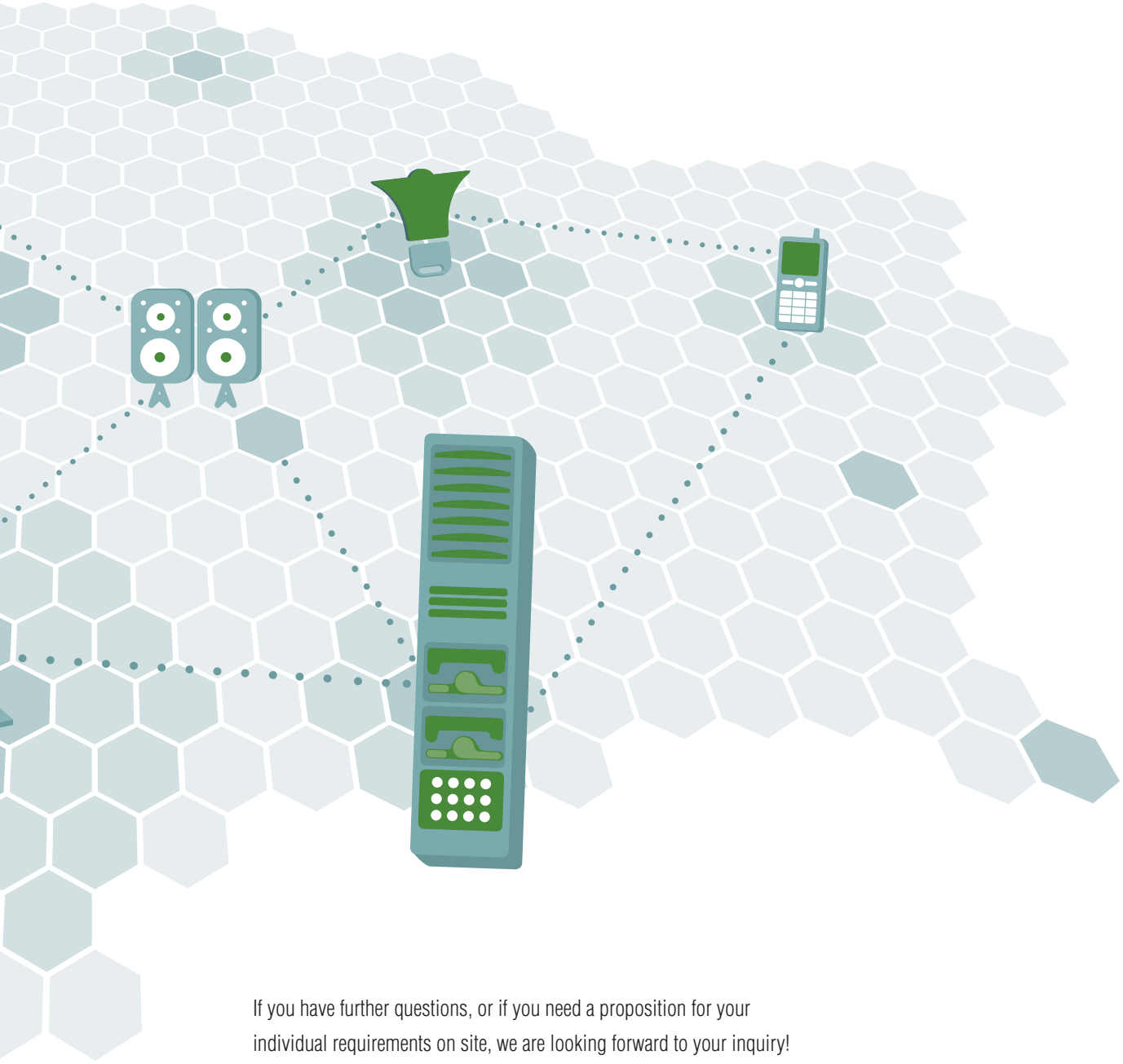
VOICE AND DYNAMIC



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

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