



ONEVoIP30

FAST NETWORK VIRTUALIZATION

Voice Services Gateway

Reliable Voice Solution

The ONEVOIP30 offers a complete and proven voice over packet solution. With various signaling protocols and flexible voice routing, the ONEVOIP is a secure choice in evolving networks to connect your legacy telephony infrastructure to IP networks. By allowing voice and fax into your existing data network, the ONEVOIP enables a complete voice service while protecting the investments made in existing telephony equipment. The ONEVOIP achieves this by acting as a pure gateway between the legacy digital telephony system and the VoIP network. ONEVOIP is compatible with Skype for Business and BroadSoft's SIP infrastructure.

The ONEVOIP30 is available to connect to an ISDN PRI PBX with various protocols.


Its flexible Operating System (OneOS) makes the connection compatible with the next generation network IMS according to the standards driving the market.

Simplified Management

The unit is managed as a single logical device with the industry standard CLI or the unified Web GUI. The provisioning can be fully automated with CWMP TR-069 protocol.

Integration with Today's and Next Generation OSS

Industry-standard MIBs, a TR-069 client and Command Line Interface (CLI) enable a swift integration with incumbent management systems and a short learning curve for operational teams. In addition, the latest generation OneAccess software, OneOS6, delivers one of the most complete NETCONF implementations on the market, thus enabling a major gain in service agility and automation for service providers.

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- One E1/T1
 - NETCONF support
 - Easy installation and support with its web user interface and industry-standard CLI



ABOUT us

OneAccess, an Ekinops company, is a leading provider of physical and virtual network functions enabling the delivery of Cloud and other managed services to SMB and enterprise customers around the world.

Our programmable and highly scalable solutions enable the fast, flexible and cost-effective deployment of new services for virtualization-enabled managed enterprise services. OneAccess offers a wide choice of physical and virtualized deployment options for layer 2 and layer 3 network functions.

As service providers embrace SDN and NFV deployment models, OneAccess' solutions enable them to deploy traditionally managed services today in the knowledge that they can seamlessly migrate to an open virtualized delivery model at a time of their choosing whilst avoiding vendor lock-in.

A global organization, with operations in 4 continents; Ekinops (EKL) - a public company traded on the Euronext Paris exchange - is headquartered in Lannion, France, and Ekinops Corp., a wholly-owned subsidiary, is incorporated in the USA. OneAccess is a wholly-owned subsidiary of Ekinops S.A.



OneAccess



OneAccessNet



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ONEACCESS
an Ekinops company



Technical Features

Ethernet Interfaces - WAN

- 2 x 10/100/1000 UTP with maximum throughput of 50 Mbps

E/T Interfaces

- 1 configurable ISDN BRI interfaces for PBX interconnexion
 - Configurable or auto-detect framing
 - E1/PRI: Euro ISDN, Euro-numeric (France), HK-TEL (Hong Kong)
 - T1 PRI: NI1, 5ESS (Lucent), DMS100 (Nortel)
 - 1T1 CAS: E&M, E&M Wink
- Clock Source: 5 ppm precision

Console Port

- RS232 –RJ45 - 9.6 Kbps asynchronous

Voice Quality

- Voice Quality Monitoring, RTCP-XR
- Call Detail Record (CDR)
- Call Admission Control (CAC)
- Packet marking (VLAN, ToS)
- Backup/survivability with PTSN fallback
- Embedded Call Generator/Absorber

Management

- Command Line Interface (CLI)
- Telnet, SSH, HTTPS
- NETCONF server compatible V1.0/V1.1
- Web-based configurator for LAN
- SNMP V1/V2C/V3
- Flow capture and decoding
- Configurable end-user web GUI
- Support of user privileges
- FTP/SCP/SFTP/TFTP upload/download configuration and binaries
- QoS measurement probe
- Traceroute, ping, extended ping
- User authentication via RADIUS or TACACS+
- RADIUS accounting
- Global statistics screens (console, web-based). Event and trace buffering
- Syslog client
- Flow capture and decoding

Voice Features

- Line Hunting, Insertion & suppression of digits, Local call routing
- Echo cancellation: G.165/168 compliant, non-linear processing
- Voice compression: G.711 (a/μ law), G.729a, G.729ab, G.722, G.722.2*, CES
- DTMF detection and generation in-band & out-of-band (RFC 2833)
- Carrier & customized tone detection and generation
- Silence suppression and comfort noise generation
- Adaptive & configurable Jitter buffer
- MOS scoring evaluation
- SIP v2 UDP/TCP/TLS and RTP/SRTP
- SIP Header Manipulation
- DNS-A/SRV
- Multi-trunk support
- Voice supplementary services: CLIP/CLIR, COLP, Call Waiting, Call Forward, Call Transfer, Message Waiting, Hold/Retrieve, Caller-ID, AOC-D/E
- Fax (T.38 / Pass through) for G3 & Super G3 and Modem over IP
- SIP Connect 1.1 compliancy

Auto-Provisioning

- NETCONF
- TR-069 & TR-104
- Embedded Event Manager
- Easy provisioning through OneManage*

Regulatory

- FCC, UL, CSA, CE

Dimensions and Environment

- Desktop, wall mountable, rack mountable
- W x H x D: 360 x 59 x 221 mm (14.18 x 2.33 x 8.7 inches)
- Weight: 1.45 kg (3.20 lb) w/o power supply

Power supply

- External adapter 12V – 3A
- On/Off switch
- System reset button

* Contact OneAccess for availability