

Simple & efficient internet access

Alcatel OmniPCX Office is an e-communication appliance that integrates into a single system all the communications required by small to medium-sized companies - internet, voice and data. Alcatel OmniPCX Office offers features to enable businesses to use the internet in a professional manner — performance, security, cost control, and efficiency.



Making the internet simple

Alcatel OmniPCX Office makes internet use simple, by integrating all the networking components in a single system this allows companies to work with the internet in an extremely professional manner. It provides performance, security, efficiency and cost control. The all-in-one concept of OmniPCX Office enables the user to benefit from secure shared internet access on the LAN. OmniPCX Office also features a wide range of WAN interfaces, embedded certified firewall, proxy/cache server, e-mail server, VPN capabilities for remote access and the support of the major internet protocols and standards.

Performance

Alcatel OmniPCX Office provides single shared internet access on the LAN with up to 2Mbps of bandwidth. The embedded cache server improves internet access and reduces connection time when the information requested is already stored in the cache server.

Security and control



Alcatel OmniPCX Office embeds a firewall that has been awarded the West Coast Labs Checkmark. This certification is based on rigorous independent testing and is

considered an unambiguous indication of the attainment of the relevant security standard. In addition, OmniPCX Office includes further control mechanisms, such as a proxy server for user access and web filtering, as well as time based accessibility.

E-communication

Alcatel OmniPCX Office raises the company's communication level with its integrated e-mail server, allowing internal and external communications for each user. OmniPCX Office offers great flexibility of architecture, acting either as a company e-mail server or as an e-mail gateway for an existing e-mail



server on the company's LAN. Integration with voicemail is easily implemented to provide a unified voice and data messaging solution.

Virtual private networking

OmniPCX Office supports low-cost secured remote access based on the standard VPN protocols PPTP and IPSec. Remote worker or multiple sites can be networked using the internet, with security guaranteed by direct links between hosts and at low cost through local connections to the internet.

Simplicity

Alcatel OmniPCX Office internet solution consists of a single system requiring no additional software installation. All components are already pre-installed, and simply require activation with software keys. OmniPCX Office is easy to install and manage thanks to its single web based administration tool, including wizards for initial parametering. Most of the components are already pre-configured allowing non-experts to setup the system.

Cost effectiveness

Alcatel OmniPCX Office has been designed to meet the needs of small and medium businesses. Its pre-installed software and the user friendly administration interface dramatically reduce installation time. For example, the system automatically performs a connection test after completing the internet access configuration. OmniPCX Office eliminates the need for additional investment in external internet components such as firewall or proxy/cache server. It reduces communication costs by having a single internet access for several users, sharing WAN resources, managing connection on demand and bandwidth allocation, optimizing e-mail traffic, and providing usage control including detailed statistics.

Technical specifications

Internet access

LAN interface	Ethernet IEEE 802.3 dual 10/100BaseT RJ45
WAN interfaces	1 or 2 ISDN B channels ADSL with external modem on Dual Ethernet Leased Line with external router on Dual Ethernet
Connection	Dial on Demand/Permanent/Call back Static/Dynamic IP address support
Connection protocols	PPP/MPPP/PPPoE
Bandwidth	Static 64 or 128kbps on ISDN Bandwidth on demand from 64 to 128 kbps on ISDN Up to 2Mbps on ADSL or Leased Line

Security

Authentication	PAP/CHAP protocols
Built-in Checkmark certified Firewall	IP packet filtering Network Address Translation (NAT)

Access control

Built-in Proxy server	User access restriction Web access control White/black list URL filters
Access restriction	Day and times access restriction
Access monitoring	Log and statistic information by user/destination

Email

E-mail server	POP3/SMTP/ESMTP POP3 caching/SMTP server/SMTP relay support E-mail server gateway
E-mail client	Any POP3/SMTP compliant client software
E-mail features	Scheduled email fetching Aliases Autoreply Email forwarding Mailing list Multidrop POP3 Multi domain name support
Unified messaging	e-mail/voice mail/fax*

Virtual Private Network (Internet based remote access)

Remote worker/multi-site networking	PPTP protocol MS-CHAP V2 authentication Microsoft® Point-to-Point 40 to 128 encryption IETF IPSec/IKE protocol HMAC-SHA & HMAC-MD5 authentication 3DES 168bits encryption
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* Using Internet fax service provider

