

Alcatel **OmniPCX** Office is a simple, powerful e-communication appliance that makes Internet, e-mail, LAN and advanced telecommunications available to small- and medium-sized businesses. It is a modular all-in-one-box solution that is easy to learn, simple to install and maintain, fully cost-controllable and expands readily as your company grows.

## E-communication: Voice, Internet and Data

Alcatel **OmniPCX** *Office* integrates voice, Internet and data into a single system. And since it works on any infrastructure for data access network and voice access network, it offers a solution for any existing infrastructure:

- ISDN T0/T1/T2
- PSTN DDI/NDDI
- PCM R2
- ADSL
- Frame Relay, IPVPN
- Private Network QSIG/ISVPN.

### All-In-One-Box Appliance

Alcatel **OmniPCX** *Office* is an appliance, i.e. a server with pre-configured applications. It integrates multiple functions into a single device:

- Communication server
- E-mail server
- Call center\*
- Internet routing
- Firewall
- Proxy/cache server
- E-mail server
- Alcatel Web Communication Assistant
- Intranet server
- File server
- DHCP server
- DNS server
- CTI server
- LAN.

As a result, Alcatel **OmniPCX** *Office* is highly cost-effective. It uses a single infrastructure for both voice and data, allows shared and secured Internet access, and is very easy to manage because all applications are embedded.

### **Standard Protocols**

Alcatel is the first leading manufacturer in its field to adopt Linux, an operating system that is widely accepted throughout the computer industry. Linux is a reliable, extremely powerful and stable operating system, compatible with numerous applications and with Internet services in particular (since it integrates the main Internet protocols). What is more, since Alcatel **OmniPCX** *Office* is based on standard protocols CSTA, TAPI and IP, it is open to a wide variety of applications developed by Alcatel and its partners.

### **Modularity and Scalability**

Alcatel **OmniPCX** *Office* offers a high degree of scalability. To cover the entire market segment (from 6 up to 236 users), Alcatel **OmniPCX** *Office* is available in 3 different data form factor modules that can easily be mounted in a 19-inch cabinet or wall-mounted.



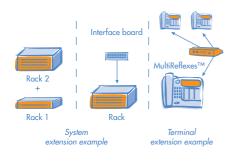
# **POWERFUL AND MODULAR ARCHITECTURE**

# Alcatel OmniPCX Office



Alcatel **OmniPCX** *Office* allows considerable flexibility of configurations and services, thanks to its modular hardware architecture and universal back panel slots. With its unified software, Alcatel **OmniPCX** *Office* expands simply by adding cabinets, interface boards and MultiReflexes<sup>™</sup>.

In addition, thanks to the software licenses, **OmniPCX** *Office* fits the differing needs of all types of customers by providing them with the level of features and services they require.



# Boards

## Processing Unit

- Operating system: LINUX 2.4
- Business Processing Unit for voice and data application
- E-Business Processing Unit for Internet, voice and data application
- Expansion Module: used for cabinet expansion.

#### **Co-Processing Units**

• Co-Processing Unit : for VoIP (with VoIP daughterboard 4/8/16 DSP channels) and ISDN RAS service.

### Interface Boards Terminals

- Digital Interfaces UAI 4, 8, 16
- Analog Interfaces SLI 4, 8, 16.
- **Public Network Access**
- BRA boards\* (T0) 2, 4, 8
- PRA boards\* (T1, T2)
- Analog trunk boards (APA) 4, 8
- Direct Inward Dialling boards\* (DDI) 2, 4
- PCM R2 boards\* (PCM)
- Mixed boards T0/UA/SL 2/4/4, 2/4/8\*, 2/8/4\*, 4/4/8, 4/8/4, 0/4/4, 0/4/8, 0/8/4.

#### LAN

• Ethernet LANswitch LanX 8,16 10 BT, 100 BT, 1000 BT\* auto-sense unmanaged.

<b>Maximum Capacities</b>	
3 slots/6 slots/9 slots	
66/440/400 mm	
110/440/400 mm	
154/440/400 mm	
up to 27 slots	
6	
96	
1	
20 Gbytes	
236	
236	
120	
200	
196	
150	
	3 slots/6 slots/9 slots 66/440/400 mm 110/440/400 mm 154/440/400 mm up to 27 slots 6 96 1 20 Gbytes 236 236 120 200 196

Communication Ports	Maximum Capacities
User ports (Reflexes™ + Analog)	200
MultiReflexes <sup>™</sup> Hubs	18
LANswitch boards	12
Free LANswitch ports	168
Analog DDI/NDDI trunks	72
Primary Rate Access	9
Basic Rate Access	10
PCM R2 Access	3
IP trunks	96
Total Trunks	120

#### \*Country-dependent.

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