



2N[®] Omega Series

Meets your needs



2N[®] Omega 48

2N[®] Omega Lite

- **Real modularity**
- **Connection to all common networks (analogue, ISDN, GSM, VoIP, 3G/UMTS)**
- **Internal GSM, UMTS & VoIP gateways**
- Easy configuration & fault free usage
- 2N[®] Mobility Extension

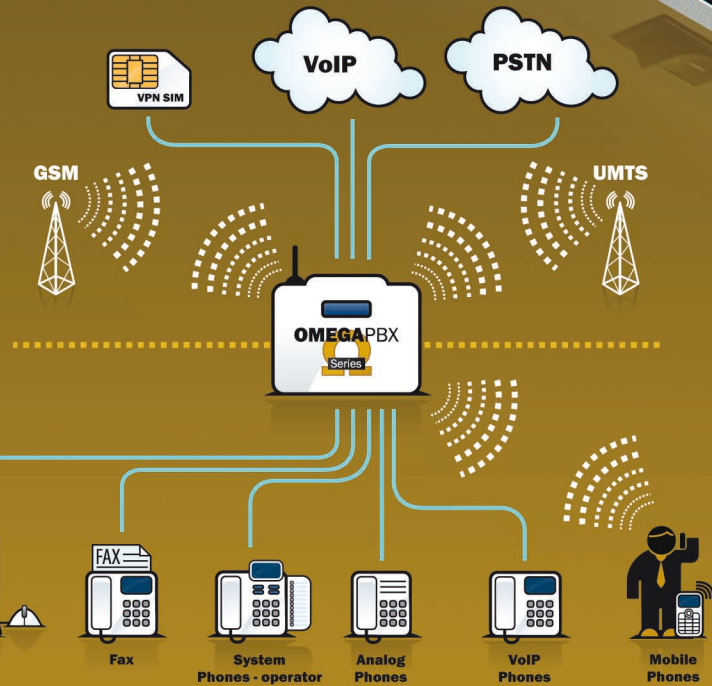
The **2N[®] Omega Series** PBXs make your communication easier and save your money. They allow connection to all networks and thanks to their ultimate modularity they can be set up exactly according to your needs.



Case study

With 2N® Omega Series PBXs you:

- Can get connected to all networks
- Can connect your office over GSM or IP and call within this office network for free
- Don't need any landlines - it can be absolutely mobile with all functions available!



- No fixed lines
- SMS sending
- Mobility Extension
- SNMP
- Billing software
- All services available
- IVR (Interactive Voice Response)
- Tapi/Outlook Plug-in
- PBX Panel
- LCR

Technical parameters

Power supply

Nominal mains volt.	230 V / 120 V AC
Tolerance of mains volt.	±10%
Nominal frequency	50 Hz / 60 Hz
Input	Max. 90 VA

Internal line parameters

Impedance of an. input	600 W +/- 20%
Ringling voltage	45 V ~ /50 Hz
Line supply voltage	24 V, line current approx. 25 mA
Type of connector	RJ-45 (PIN 4,5)

External line parameters

An. input impedance	600 W +/- 20%/ETSI
Type of connector	RJ-45 (PIN 4,5)

GSM parameters

GSM band	GSM 900/1 800, GSM 850/1 900
Voice transmission	EFR, FR (enhanced full rate, full rate)
Receiver sensitivity	-104 dBm
Transmitter power	2 W during pulse
SMS support	Receive & send

SIM card

Small, 3 V

Antenna connector

SMA

UMTS parameters

UMTS module	SW 879x V (850/900/1900/2100 Mhz)
Supported protocols	DHCP, DNS, VRRP, NAT, NATp, DynDNS, packet filtering

ISDN S0 parameters

Interface type	S0-TE - For connection to public network
Protocol	DSS1 - EURO ISDN (w/o power supply)
Connector for public n.	P-MP (point-multi-point) - MSN, configurable for connecting P-P (point-point) - DDI
Connection	4-wire (optional, terminated 2 x 100 Ω)
Type of connector	RJ-45 (PIN 4,5 - 3,6)

VoIP

Voice channels	VoIP -> PBX 8
Fax	T.38
Codecs	G.711, G.723, G.729 (Annex A, B)
Echo canceler	G.168-2002
Administration	Web interface, terminal window



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