2N® OfficeRoute

Mobile IP PBX with extra features

Mobile office with high-speed data

2N® OfficeRoute is a one-box solution for your office communication. It combines a high-speed data router with HSPA technology and IP PBX functionality. In addition you can send and receive faxes over GSM or T.38. With the implemented SMS server you can send/receive your SMSes from an email client or web interface.

Features:

- IP PBX features – up to 30 internal IP clients
- Voice calls via VoIP, UMTS or GSM
- High-speed data connection (up to 7.2 Mbps)
- Sending/receiving analogue FAXes
- SMS sending/receiving from an e-mail client or web interface
- IVR, Voicemail, GSM gateway (LCR) and many other services
- 2N® Mobility Extension
- Quick installation and easy maintenance through web interface

Benefits:

- All in one box (voice, data, FAX, SMS and other services)
- Free calls within the company
- Higher employee mobility
- Dramatic cost reduction on calls to mobile
- Always reachable on your fixed line number
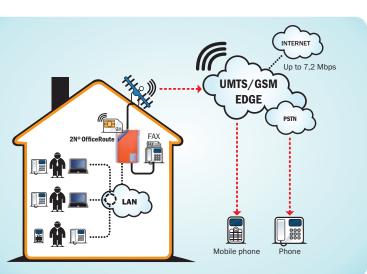- PBX services on your mobile phone

2N® OfficeRoute as a Mobile office

2N® OfficeRoute is a mobile office which solves all the voice and data communication in your company without complicated installations. It allows you to call via VoIP/GSM/UMTS and supports analogue faxes. Thanks to the high-speed Internet connection by means of the UMTS network, the device can also be used as a router. You can have all the convenience of being in an ordinary office without the limitation of being tied to one location.

Intended for:

- Retail & SOHO, Small and Medium Enterprises
- Large Multinational Corporations (e.g. bank branches)
- Companies that are often on the move (e.g. construction companies)

The most valuable benefits

Cost savings – an internal GSM gateway
2N® OfficeRoute is a smart gateway which primarily enables you to save money on calls to and from GSM networks. Thanks to a Least Cost Router (LCR) the cheapest route is selected. It connects networks such as PSTN and VoIP with the GSM network and thus eliminates cost differences between them. And it saves you money.

Greater employee flexibility – 2N® Mobility Extension
You will no longer miss a single call and can always be reached on one number via your mobile phone wherever you are. It is up to you if you answer the incoming call on your desk phone or mobile phone. Similarly, outgoing calls from your mobile phone can be identified under a company number. On the top of that your mobile becomes a fully functional part of the 2N® OfficeRoute communications system with all its services - you can, for example, transfer or hold calls from your mobile.

Comfortable tool for targeted marketing – SMS solution
2N® OfficeRoute can be also used as a SMS server. If you often send SMS messages, or a large quantity of them you will certainly appreciate the ability to easily send messages from the web or directly from an email client and receive them back into your computer. It is a great time saving tool for targeted marketing and it of course saves you money thanks to LCR settings.

Simple management of incoming calls – IVR (Interactive Voice Response)
Automatic operator is a system that manages calls into your company without the need for a person to answer them. A customer calling the company will, using tone selection, always be directed to the right department or specific employee. With the aid of the other services such as group ringing, you can always be certain that a customer's call will be answered.

Improved customer service - Voicemail
The forwarding of calls to VoiceMail is a service you can use when you are out of the office and don't want to be disturbed on your mobile phone, but at the same time you don't want to risk losing a customer by not taking the call. In such a case any user of the 2N® OfficeRoute communications system can activate call forwarding to VoiceMail and customers will have the opportunity to leave a message.

Technical Parameters

Voice signaling	SIP, H.323
DTMF sending	RFC2833
Codecs	G.711; G.729; G.723
Protocols	TCP; UDP; IP; RTP; Telnet
Type/Connector	LAN 10 Base–T, USB (Type A & B), FXS port (optional)
UMTS Engines	Sierra Wireless MC8795V; UMTS 850/900/1900/2100
Transfer rates	HSDPA / HSUPA (7.2/5.76 Mbps)
GSM Engines	Siemens MC55i; GSM 850/900/1800/1900
Antenna	One external antenna; SMA connector integrated antenna splitter
Power supply type	External power adapter 90–230 V 50/60 Hz – 12 V DC 2 A
Power consumption	Max. 20 W
Operation temp. and humidity	0°C – 40 °C, 10% – 95% (non condensing)
Dimensions (L x B x H)	220 mm x 150 mm x 50 mm