



Gesellschaft für Hard- und Softwaredesign mbH

Steinfurt 39
D-52222 Stolberg
Germany

Tel.+49(0)2402-98088-0
Fax+49(0)2402-98088-88

<http://www.ratotec.de>
Info@ratotec.de

IPCall

VoIP-Callshopssystem

incl. Billing-software TCall



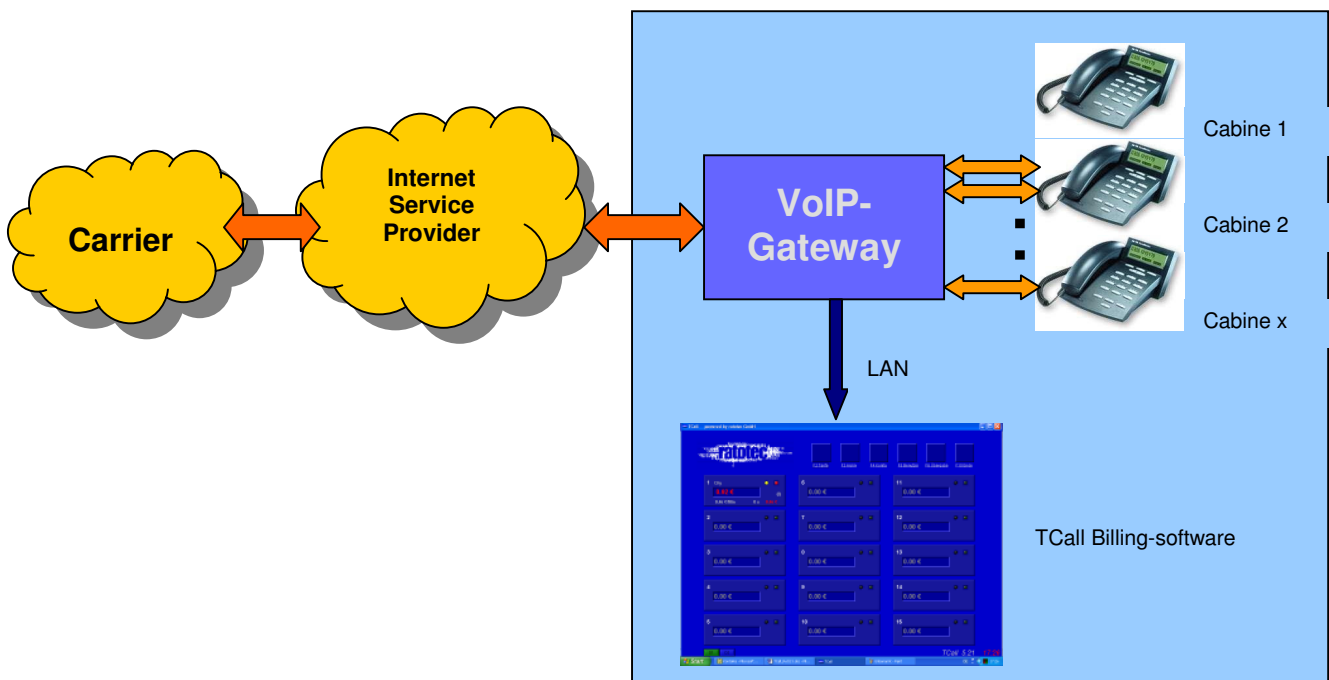
Ratotec GmbH
Steinfurt 39
52222 Stolberg
Germany
www.ratotec.com

Description

The IPCall-system based on a VoIP-Gateway with SIP or H.323 protocol. The number on cabins (extensions) depends on the ordered hardware. Devices beginning with 2 channels up to 24 channels are available. The analog telephones are connected directly with plugs (RJ11) to the gateway.

The VoIP-Gateway will be connected to the DSL Modem on the broadband-line (digital subscriber line DSL). In case of using an IP-Router it will be part of the internal network.

To calculate the calls the billing information will be sent by an LAN-connection from the gateway to the Billing-PC.



Hardware and Software are developed for professional customers to be independent in buying strategies without any risk.

The Billing-software calculates the charging units depending on the destination and shows it as an "online"- behaviour on the screen. The user have an complete overview of the shop and the cabins.

Features:

- On-Line-Billing (OLB) TCall 5.xx developed by Ratotec
- Professional VoIP-Gateway-System with H.323 / SIP protocol
- working with Gatekeeper
- Full-Remote-Management
- plug & play – installation
- User-administration
- Password secured
- „Calling-Secure“ authentication
- Stuff-Billing information
- On-Screen Billing for each cabine
- Call detail records CDR
- Counter (Sum-) per day and month
- Individual ticket-layout
- Storno-Function
- Import- / Exportfunction for Tarifs
- Auto-backup
- Initial fee (Setup)
- Min. fee for short calls
- Tax
- Search-function for tariffs
- Printing –function
- Time on screen
- etc.

technical data:

Voice, Fax, Modem

Voice over Packet Capabilities

G.168-2000 compliant Echo Cancellation, VAD, CNG, Dynamic programmable Jitter Buffer, modem detection and auto switch to PCM

Voice Compression

G.711, G.723.1, G.726, G.727, G.729A

Fax over IP

Group 3 fax relay up to 14.4 kbps with automatic fallback

T.38 compliant

Signaling

Signaling

FXS Loop-start

In-Band Signaling

- DTMF (TIA 464B), MRF1, MRF2, AC15, SS4, SS5
- Used defined and all call progress tones

Control

H.323(V4)

Provisioning

- BootP, DHCP and TFTP
- Remote management using Web browser

Physical

Power

90-260VAC/47-63Hz

Ratotec GmbH
Steinfurt 39
D-52222 Stolberg
Germany
Tel. +49(0)2402-98088-0
Fax. +49(0)2402-98088-88
www.ratotec.de
info@ratotec.de