

# ECOTEL® VoIP in connection with a soft PBX

## Making the most of VoIP

4yourmobile  
communication

- Maximum savings with full conversion to VoIP
- Emergency calling and ISDN fallback solution available
- Distributed solutions for heterogenous telecom infrastructures

### ECOTEL® VoIP is the perfect add-on for any SIP-based soft PBX

For companies that have already changed over completely to VoIP, ECOTEL® VoIP maximizes savings in costs. Additionally companies that have not yet completed the switch to VoIP can use a soft PBX to distribute traffic to several ECOTEL® VoIP gateways. These gateways create cost-effective connections to the GSM networks. ECOTEL® VoIP can be integrated with any soft PBX solution.

face. If a company has changed over completely to VoIP, the ISDN-based emergency numbers are no longer available. With ECOTEL® VoIP and a low-cost ISDN connection, you can continue to place emergency calls via ISDN. Additionally the ISDN interface can serve as a fallback solution in case of VoIP outage.

#### Maximum savings

Even after a complete change-over to VoIP, high rates still apply for connections to GSM networks. An ECOTEL® VoIP connected to the LAN can help solve this problem. The soft PBX routes all calls made from the SIP phones to the GSM networks via the gateway, which sets up cost-effective mobile-to-mobile connections.

#### Additional ISDN interface

Another advantage of ECOTEL® VoIP is the device's ISDN inter-

#### Soft PBX as a hub for GSM connections

Many companies have heterogenous telecommunications infrastructures. Such companies therefore often use a soft PBX to route traffic from their overall telecom infrastructure to the GSM networks via distributed ECOTEL® VoIP gateways. The soft PBX routes calls coming from various sources, such as IP-capable ISDN PBXs, to the ECOTEL® VoIP gateways. These gateways create cost-effective network-internal GSM connections.



ECOTEL® VoIP

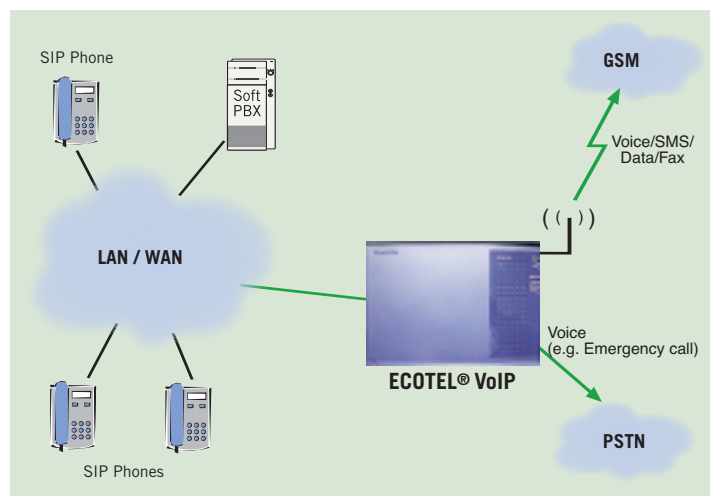




**APPLICATIONS**

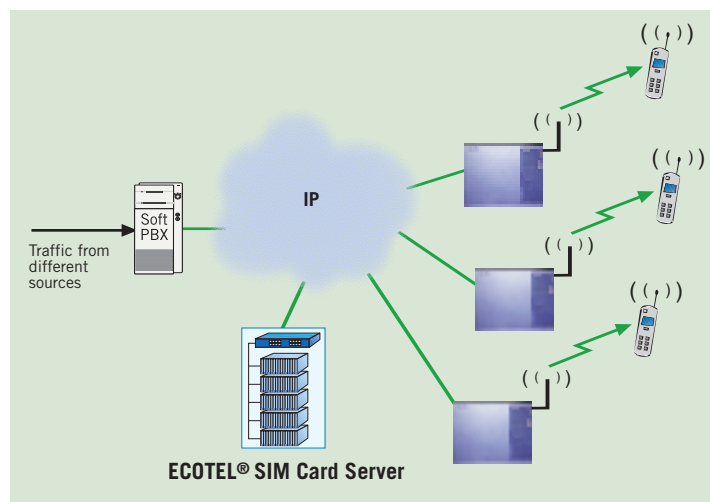
# ECOTEL® VoIP - The perfect add-on for any soft PBX

For a company that's making a complete conversion to VoIP, an ECOTEL® VoIP is the perfect add-on for any soft PBX.



**ECOTEL® VoIP with Soft PBX and SIP Phones**

Large companies with a heterogenous infrastructure use a soft PBX to route GSM calls to distributed ECOTEL® VoIP GSM gateways. This significantly reduces the costs of connecting to GSM networks. In larger scenarios of this type, central SIM card servers are also used. These make the use of SIM cards in the local gateways unnecessary. The server can accommodate thousands of cards, manage them, and assign them to various channels. In order to do this, it has an IP connection to the gateways.



**Soft PBX allocate GSM connections to divers ECOTEL® VoIP**



VIERLING  
Communications GmbH

Pretzfelder Str. 21  
D-91320 Ebermannstadt

Phone: +49 (0)91 94-97 331  
Fax: +49 (0)91 94-97 101

Email: [info@vierling.de](mailto:info@vierling.de)  
[www.vierling.de](http://www.vierling.de)