

Be connected - Claricor® GateQ and GateIP



Claricor® GateQ and GateIP gateways connect your TETRA users to your company's fixed-line voice services. Claricor GateQ allows interconnection to the corporate PABX using QSIG BC signalling protocol while Claricor GateIP enables connection to VoIP H.323 based services.

Through the PABX and /or VoIP based communication solutions TETRA users can access the services provided by these systems. PABX and VoIP communication provide further access to the public switched telephone network (PSTN). Hence your Claricor TETRA network becomes a seamless part of your company's fixed and wireless communication services.



Connect to PABX

Claricor GateQ – PABX Gateway

GateQ enables voice communication between a PABX/PSTN subscriber and a TETRA user. QSIG Basic Call signalling, which is a widely accepted standard signalling protocol to interconnect corporate PABXs, connects your Claricor network seamlessly with the rest of company's fixed-line voice services.

Through GateQ, the following services are possible:

- Individual calls to PABX/PSTN from TETRA users
- Individual calls, group calls and broadcast calls from PABX/PSTN to TETRA users
- Organisation specific GateQ gateways enables TETRA users to use their organisation's own PABXs
- Sharing of load between gateways should one gateway fail



Main features of GateQ

- Standard E1 QSIG interface
- With one gateway module, eight simultaneous half and full duplex calls through the gateway
- Supports up to 30 simultaneous calls
- Support for multiple organisations, each organisation's calls routed via own gateway to organisation's own PABX.

- Direct Inward Dialling (DID) and voice messages for incoming calls
- Barring of incoming and outgoing calls
- Redundancy: should one gateway module fail, the remaining modules can share the load
- Remote management using SNMP protocol.

Connect to Voice-over-IP networks

Claricor GateIP – gateway to VoIP networks

Claricor GateIP is a H.323 gateway, which enables communication between IP telephony systems and Claricor TETRA users.

Claricor GateIP is also the gatekeeper, which checks that the TETRA user has sufficient rights for making calls via the GateIP gateway.

Claricor GateIP gateways can be connected anywhere in the Claricor TETRA network.

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