

Empowering the professionals - Claricor® TETRA Solution



Claricor® TETRA Solution is a scalable radio communication system for small and medium size enterprises.

Claricor provides voice and data services, and the system can easily be extended as your business grows. Claricor is based on a TETRA-over-IP architecture and it can be connected through gateways to corporate voice and data networks. Dedicated Claricor workstations provide enhanced applications for dispatching, tracking of users (AVL), voice recording and network management.

Claricor TETRA Solution is complemented with a wide range of EADS TETRA terminals, which combine ease of use with superior functionality to empower the professionals.

Claricor radio access

Base stations

- EADS TB3 indoor base station with enhanced coverage for applications requiring high capacity, up to 8 carriers
- EADS TB3c compact base station with enhanced coverage, 1 - 2 carriers
- Claricor BS outdoor TETRA base station, 1 - 2 carriers.

Base station controller

- Claricor BC, the base station controller holds the local database and provides the interfaces between base stations and the IP backbone.

Claricor gateways

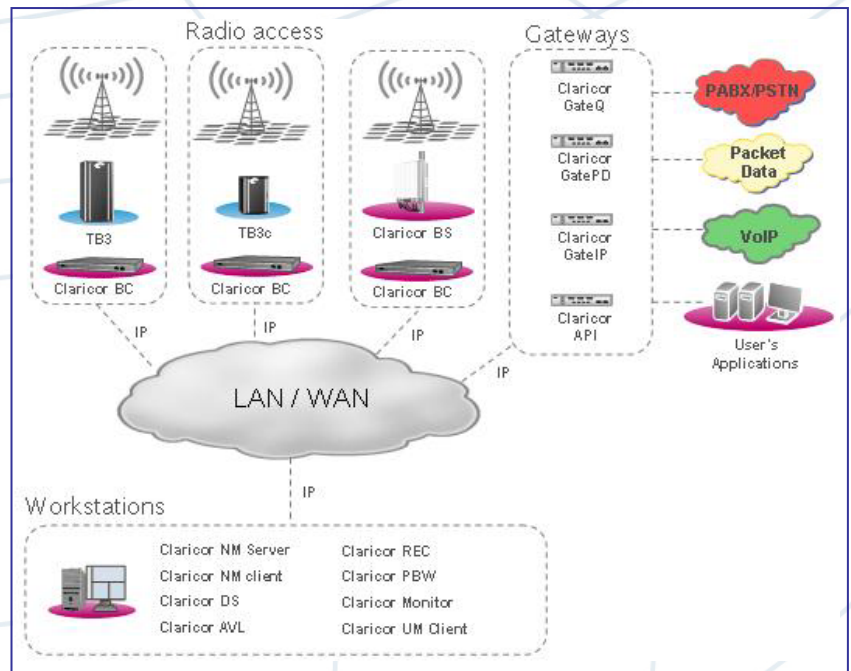
Claricor gateways provide connectivity to external voice and data networks such as corporate PABXs, PSTN, intranets and the internet.

- Claricor GateQ – PABX gateway based on the E1 QSIG BC protocol
- Claricor GateIP – VoIP gateway, based on the H.323 standard
- Claricor GatePD – Packet data interface.
- Claricor API gateway – Application programming interface

Claricor workstations

Claricor workstations provide dedicated applications, which enhance the functionality and services provided by Claricor TETRA Solution.

- Claricor NM Server and Client – Network management server hosts the reference databases and provides network management functionality.



Services provided by Claricor NM Server are accessed by Claricor NM Client workstations.

- Claricor DS – Dispatcher Workstation that offers dispatching services
- Claricor AVL – Workstation that offers AVL functionality
- Claricor REC and PBW – Offers Voice recording and playback
- Claricor Monitor – Graphical alarm monitor
- Claricor UM Client – Provides enhanced network statistics

Basic services

Voice services

- Group and individual calls
- Dynamic groups (DGNA)

- Broadcast calls
- Open channel calls
- Pre-emptive group calls
- Static and dynamic group coverage
- Immediate entry

Data services

- Status messages
- Short Data Service (SDS)
- Packet Data service.

Security

- Air interface encryption
- End-to-end encryption
- Key management
- Over-the-air re-keying (OTAR)
- Temporary / permanent disabling of terminals
- Discreet listening
- Ambience listening

Other features:

- Base station service details
- Message trunking
- Secondary Control Channel (depending on base station)

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