

ACCESSNET®-T

Campus IP

All-in-one solution for small professional radio- communications systems

ACCESSNET®-T Campus IP is a powerful and efficient solution for small and medium-sized professional TETRA radiocommunications systems.



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At a glance

Key facts

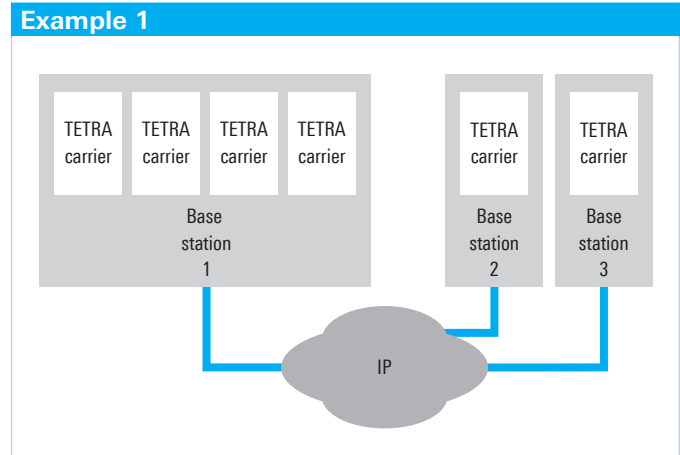
Basic equipment

- Based on globally established and technically mature TETRA communications technology
- Compact, pre-configured and easy-install TETRA system for local and regional professional radio networks
- High power base station with one TETRA carrier as basic equipment
- Antenna diversity for optimum receiving characteristics
- Hybrid combiner antenna coupling system for base stations with more than one carrier
- TETRA voice and data services (SDS) incl. packet data transmission between mobile terminals
- Fault management/signalling using configurable alarm contact
- Remote servicing

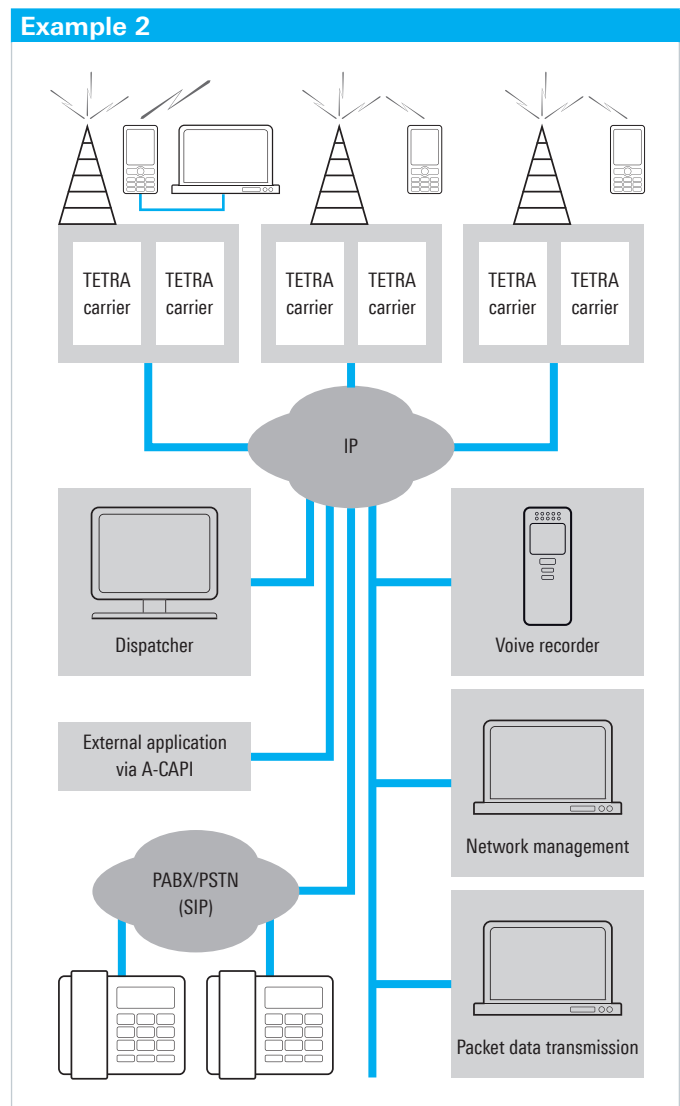
Extensions

- Networks with up to six TETRA carriers and three base stations are possible (with a maximum of four carriers per base station)
- Multi-user dispatcher system with up to four dispatcher workstations
- ACCESSNET®-T Common Application Programming Interface (A-CAPI) to connect external applications to the system
- Network Management System for TETRA Accounting Management
- Packet data transmission between mobile terminals and devices that are connected to an IP network
- Recording of data (SDS) and voice of all calls (Voice Recording)
- PSTN/PABX interface in line with SIP standard

Example of a system with three base stations with six TETRA carriers in total.



Example of a system with three base stations, optional dispatchers and applications as well as PABX/PSTN.



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Benefits and key features

ACCESSNET®-T Campus IP is a plug & play solution

- No special knowledge for operation of the ACCESSNET®-T Campus IP necessary
- For commissioning, only a few parameters need to be entered

ACCESSNET®-T Campus IP is usable even without network management system and dispatcher

- ACCESSNET®-T Campus IP meets the customer requirements for single-site and small radiocommunications systems in an optimum way

Expand your system as your organization grows

- ACCESSNET®-T Campus IP supports up to three base stations with a total of six TETRA carriers

Secure and fault resistant

- High quality of speech due to digital TETRA technology
- Only registered mobiles can talk and listen to calls – TETRA thus provides fundamental security

Specifications in brief		
Radio characteristics		specifications for air interface(s) in line with EN300 392-2 TETRA V+D V2.5.1
Output power at transmitter output		50 W
Maximum RF output power	at top of cabinet	25 W
Multipath reception	diversity	dual diversity
Operating mode		duplex
Antenna configuration	high power	TX/RX
	hybrid combiner	TX/RX + RX
External alarm inputs and outputs		6 digital inputs 6 digital outputs
General data		
Operating temperature range		+5°C to +45°C
Storage temperature range		-40°C to +70°C
Relative humidity		5% to 85% (non-condensing)
Power supply		110 V to 240 V AC, 48 V DC optional
Power consumption (at 48 V DC)	2 carriers	550 W
	4 carriers	1100 W
Interfaces		LAN, GPS signal
Dimensions	W × H × D	600 mm × 910 mm × 600 mm (23.6 in × 35.8 in × 23.6 in) 18 height units
Weight		max. 100 kg (220.5 lb)

Service you can rely on

- | In 70 countries
- | Person-to-person
- | Customized and flexible
- | Quality with a warranty
- | No hidden terms

About Rohde & Schwarz

Rohde & Schwarz is an independent group of companies specializing in electronics. It is a leading supplier of solutions in the fields of test and measurement, broadcasting, radiomonitoring and radiolocation, as well as secure communications. Established 75 years ago, Rohde & Schwarz has a global presence and a dedicated service network in over 70 countries. Company headquarters are in Munich, Germany.

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*0.14 €/min within German wireline network; rates may vary in other networks (wireline and mobile) and countries.