



# TETRA-G Connect

## Single Carrier TETRA Solution with Teleconnect



TETRA-G Connect combines low capital cost with ease of deployment and support; assimilating at component level into the larger TETRA-G Composite systems to enable seamless scalability that secures and future proofs investments. It's a combination that positions TETRA-G Connect as the most flexible and cost effective entry level TETRA solution.

### FUNCTIONS

Compact integrates its own database with mobile and group descriptions

- > Mobile / Mobile :
  - Half duplex / Direct mode
  - Duplex / Hook mode
- > Mobile / Group (half duplex / hook mode)
- > Telephone / Mobile (duplex / hook mode)
- > Mobile / Telephone (duplex / hook mode)
- > Status and SDS (1, 2, 3 & 4) mobile / mobile.
- > Status and SDS (1, 2, 3 & 4) mobile / group.

### SET-UP

The setup is define by PC connection with specific Software.

- > RF Characteristics setup (Band, Channel)
- > Authorized mobiles setup
- > Authorized groups setup
- > Telephone access setup

This software allows maintenance access.

### RF CONFIGURATION

Installation with one TETRA carrier

- > Without diversity: 2 TX + RX antennae or 1 antenna with a duplexer
- > With diversity: 2 or 3 directional RX antennae + 1 omnidirectional TX antenna, or 2 or 3 duplexed directional antennae.
- > Specific mixed coupling for aerial and underground coverage

  
**Bridge Systems**





## SPECIFICATIONS

### CAPACITY

1 carrier, 4 TETRA channels

### BAND

380-400 Mhz, 410-430 Mhz, 450-470 Mhz

Configurable duplex spacing

Configurable frequency offset (in 6.25 KHz steps)

### POWER

10 Watts

Integrated circulator

### RECEPTION

Diversity (1 or 3 reception channels)

TETRA Class A receivers

### LINKS

Telephone interface RNIS T0 (2B+D) 2 simultaneous communications

### CONFIGURATION

Downloadable

### SERVICE FUNCTIONS

Access via a maintenance PC

Access to the BS's parameters

Connection and radio monitoring

### MECHANICS

19-inch 6U rack version

19-inch 9U box version

### POWER SUPPLY

220V.AC or 48 V.DC



Team Simoco



For further information  
contact:

#### TETRA-G WORLDWIDE

Team Simoco  
Field House  
Uttoxeter Old Road  
Derby DE1 1NH  
Tel: +(44) 01332 375500  
Fax: +(44) 01332 375501  
marketing@teamsimoco.co.uk  
www.teamsimoco.co.uk

#### TETRA-G FRANCE

Etelm  
9, Avenue des Deux Lacs  
Parc d'Activités de Villejust  
F-91971 Courtabœuf Cedex  
Tel: + (33) 01 69 31 22 84  
Fax: + (33) 01 69 31 22 61  
etelm@etelm.fr  
www.etelm.fr



  
**Bridge Systems**