TetraFlex® Group Bridge

The TetraFlex® Group Bridge enables you to perform group calls between any independent TETRA or analogue networks, creating valuable interoperability between many different systems.

Total communications flexibility
TetraFlex® Group Bridge is a highly flexible solution. It can be used to perform group calls and SDS messages between independent networks, from one TetraFlex® network to any other TETRA network, or even from TETRA to analogue networks.

Bringing clarity to complex situations
The TetraFlex® Group Bridge solution is suitable for creating any cross-organisational communication between organisations that are normally organized on different networks. Typical examples include Group Calls between military, police and other emergency units, or even between local, regional or national networks during catastrophes and other mission critical operations. It could also provide an ideal solution for construction sites, where several contractors need to be connected to the main network.

With the TetraFlex® Group Bridge, you can also connect portable TetraFlex® solutions in remote locations to the main network, or extend your main network with indoor coverage.

The TetraFlex® Group Bridge also gives an advantage in supporting features for soft migration from analogue to digital TETRA networks.

In short, the TetraFlex® Group Bridge can support any communications interoperability challenge you set it.

Complete interoperability and ease of use
One TetraFlex® Group Bridge can support up to 32 Groups, made up of as many as five different TETRA or analogue networks in any combination for each Group.

The TetraFlex® Group Bridge comes with a user friendly and intuitive graphical user interface, delivered as a software application, which can be installed on a Windows computer.

Cost-effective and versatile
The ability to connect directly to the TetraFlex® network through an internal Terminal Gate-way in the TetraFlex® Node makes TetraFlex® Group Bridge a very cost-effective solution. Each TetraFlex® Node is capable of connecting up to 200 TetraFlex® Group Bridge applications. The TetraFlex® Group Bridge uses a TETRA Device (Hub Radio) to connect to any other TETRA network, and can connect to an analogue network through an Analogue Device (Hub Radio).
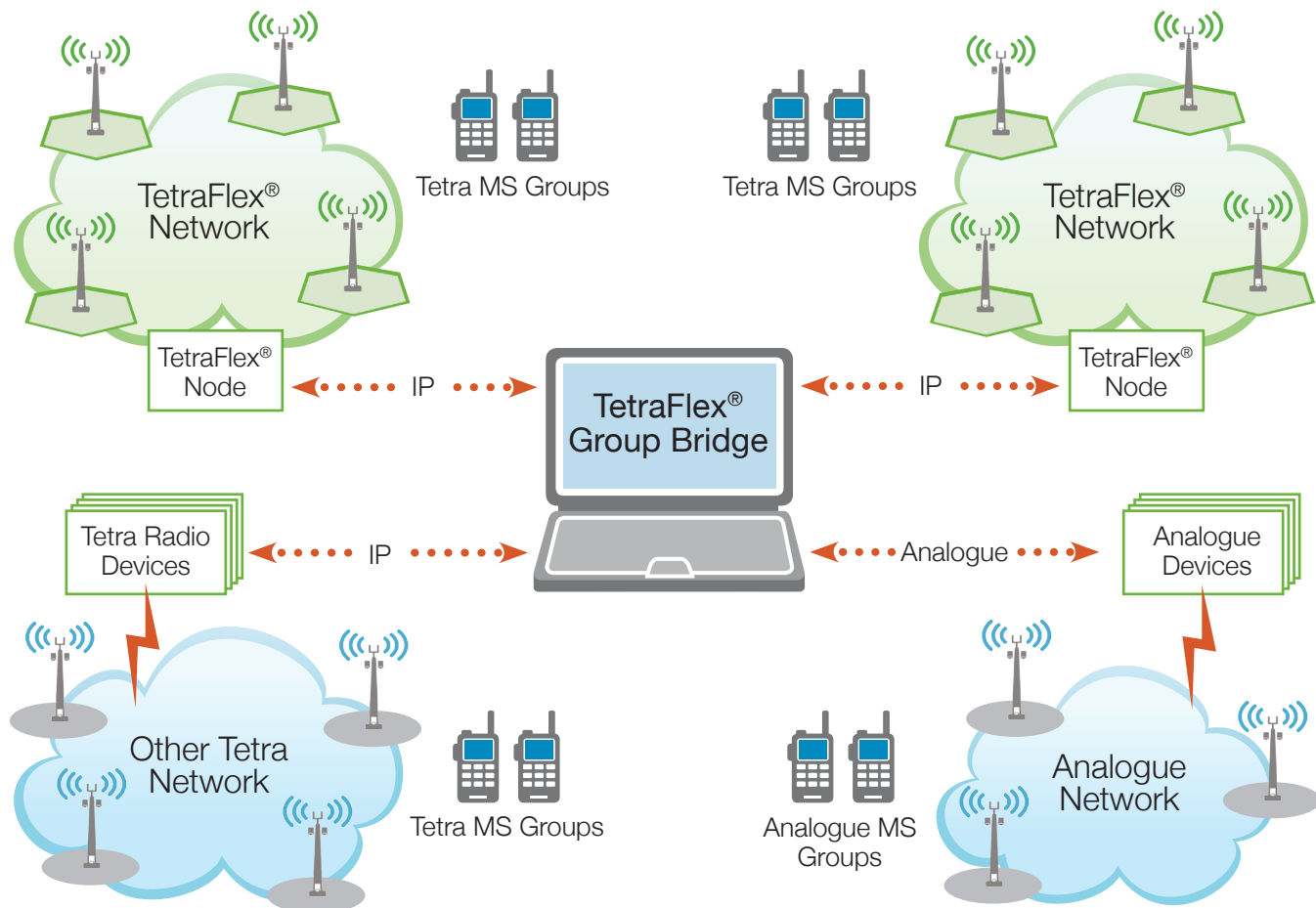
Examples

Example: Connecting different TETRA and Analogue Networks

Example: Group Bridge Routing Table (Up to 32 Group Bridges and 5 connected networks/each)

Specifications subject to change without notice