Scalable TetraFlex® "guest" network

TETRA "home" network

Group change

Example: Object coverage

TetraFlex® Dynamic Subscriber Assignment (DSA)
Enhancing Communications Coverage

The TetraFlex® Dynamic Subscriber Assignment is an interesting feature, that together with the scalable and compact TetraFlex system, provides a future oriented safe solution to secure communications at "black spots" where currently established TETRA infrastructures, such as country- or region wide public safety networks have lack of coverage. The feature makes it possible for subscribers of any TETRA "home" network, automatically to be included in the TetraFlex "guest" network within seconds. With a dynamic and automatic registration process no subscriber management is needed. While saving operational costs, users benefit of an instant and full end-to-end encrypted communication, with a full set of TETRA features available. The TetraFlex "guest" network is hereby fully scalable in sites and via the new simulcast feature of the multi-tech platform, frequencies can be reused and using existing cabeling will save installation costs.

∞ DAMM

TetraFlex DSA Feature offers:

- Automatic instant assignment of subscribers
- Dynamic Group Creation
- Access through simple group change at subscriber terminal
- Acceptance / rejection of new subscribers according to predefined filters
- Full end-to-end encrypted communication
- Automatic take-over of ISSI numbers
- The DSA comes as standard feature in the TetraFlex software
- Colour Code support for neighbour buildings

Benefits:

- Extended communication coverage for "black spots" in emergency situations
- No change in operation procedures for users (using same terminal)
- No capacity load on existing "home" network
- Easy installation and deployment
- No subscriber management needed
- Full TETRA features
- Advanced software tools available; Dispatcher, Logging, Packet Data, GW etc.
- Full redundancy available
- Reuse of allocated frequency spectrum
- Internal battery power supply
- Independent of manufacturing brand of "home" TETRA network
- Supports IOP certified brands of terminals
- TetraFlex simulcast operation mode
- All in one box compact solution

DAMM Cellular Systems A/S
Møllegade 68
6400 Sønderborg
Denmark
Phone: +45 74 42 35 00
Email: sales@damm.dk
www.damm.dk

Examples of user cases:

- Public buildings (object coverage)
- Rural areas
- Tunnel systems
- Stadiums
- Exhibition grounds
- Military trainings
- Catastrophy scenarios
- Cross border operations
- City wide networks
- etc.