



GLOBAL RADIOTA COMMUNICATIONS (GRC)

Hereford, United Kingdom



GRC, a leading VSAT defense integrator, specializes in the development of mission critical communications and situational

awareness systems with a specialty in satellite, GSM/LTE, cloud and IP networking.

A long time ST Engineering iDirect partner, GRC has integrated ST Engineering iDirect technology into several of its solutions so they can connect their defense, first response and other customers when it matters most.

For example, GRM modems incorporate the ST Engineering iDirect 950mp and iQ 200 modem boards into an IP67 housing so customers can use them outdoors in adverse weather. GRC has also incorporated iDirect technology into their GSAT hub for increased security and local bandwidth management.

Here's what Steve Slater, managing director of GRC, had to say on the latest trends in government and defense:

On Emergency Communications

"End users are looking for an all-encompassing solution that covers hardware, airtime, training and support, and working with one supplier. They want resilient, high performance

services that can be quickly established with minimal input needed from the operator. Allowing them to concentrate on the priority of delivering the much needed task."

On Network Security

"The demand from users for additional protection from cyber-attacks and increased network security has understandably grown exponentially, moving from a 'nice to have' to a 'must have'. Terminals which have integrated the iDirect 950mp modem, or which support external modems like our GRM 950, have therefore proven highly popular, conforming to 256-bit AES as specified by the FIPS 140-2, while masking traffic types, volumes and acquisition of remote terminals."

On Multi-Orbit Networks

"iDirect modems work perfectly alongside our SCYTALE range to handle multi-orbit connectivity, allowing us to link the world's leading iDirect equipped GEO terminals with the latest LEO terminals, providing end users with increased capacity and network redundancy."

On ST Engineering iDirect

"We use ST Engineering iDirect technology as it's a market leader that our customers know and trust. We also have a history of working alongside ST Engineering iDirect teams on projects, assisting innovation and enhancing current technology to meet end user needs."



Product Snapshot



Tampa Manpack, utilizing iDirect 950mp Modem Board

- Designed specifically for the dismantled troop or first response user
- Operates in the world's most challenging environments
- Built to be air-dropped, jumped, or carried
- Operated by a single user, requires minimal training



Satcube Secure, utilizing iDirect 950mp Modem Board

- TRANSEC support for enhanced security
- Lightweight terminal to get online in under a minute
- Enables quick access to seamless satellite broadband
- Highly intuitive user interface — as simple as using a smartphone



GSAT Hub

- Cost-effective, compact, and durable solution for operators in the field
- Packs into a single Pelicase, deployable with two people
- Enables self-configuration of satellite links and bandwidth allocation
- Supports up to 16 return channels
- Incorporates Defense Line Cards (DLCs)



GRM 950 and 200

- GRC Ruggedized Modem
- Supports both fixed location and mobile applications
- Compatible with iDirect Velocity and Evolution networks, IP67 rated and CE marked

For more information visit
www.grcltd.net