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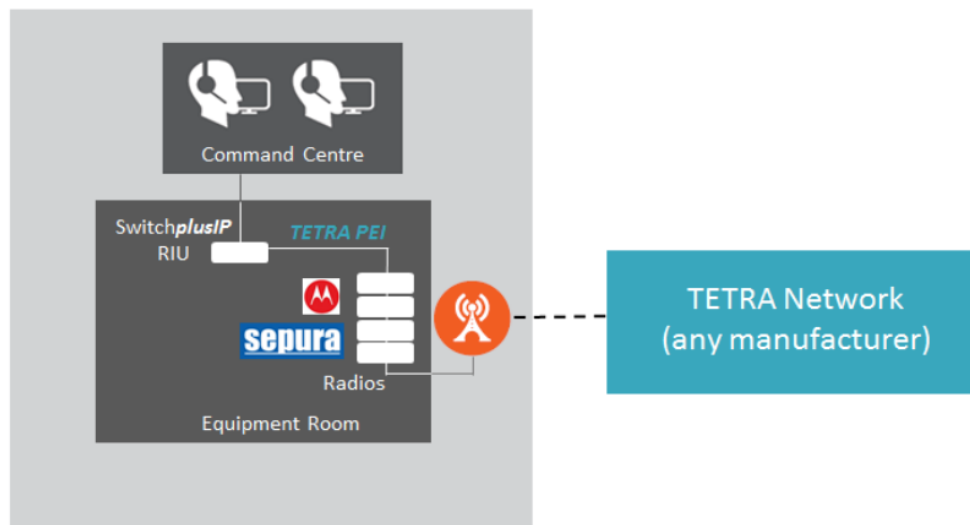Australia   www.c4i.com

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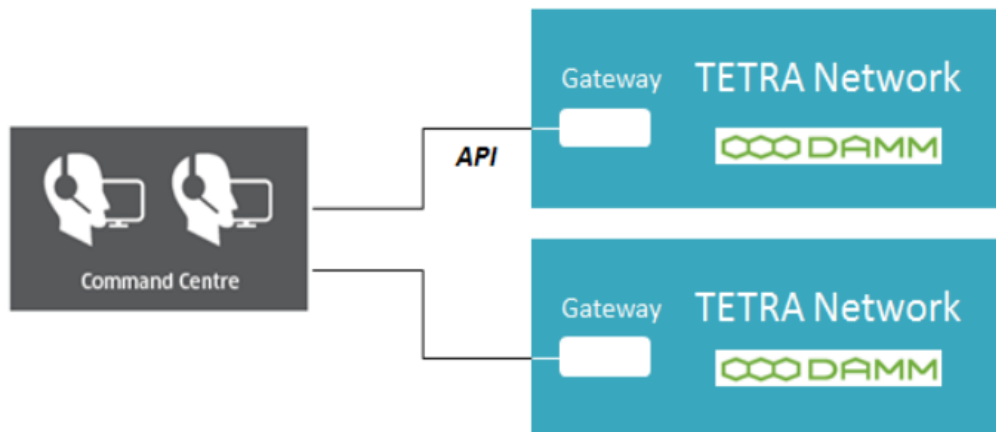# TETRA support and latest SwitchplusIP Software updates

11-May-2015

The production of the latest Exelis Switch*plusIP* software enables our customers to take advantage of the recent market trends and digital technology changes. Since Release 12.0 the software has been updated to deliver our customers with a range of new features including greater digital radio capability, supportability enhancements and greater widescreen monitor support. This is all part of our ongoing research and development program that provides continual updates to our Switch*plusIP* product suite.

The system now supports **TETRA Peripheral Equipment Interface (PEI)**. This allows operators greater access to radio users in TETRA networks. Operators can access a wide range of TETRA features such as Individual calls, Emergency calls, Group calls and SDS messaging. By interfacing through mobile radios residing on the TETRA network, the system can access subscribers in any network, regardless of TETRA infrastructure manufacturer. PEI interface is currently supported via either Motorola MTM800s or Sepura SRG3x00 radios, with both Direct and Trunked modes of operation.

Support for **multiple TETRA networks** has been added to allow large organisations to centralise access and obtain seamless control of multiple independent TETRA networks. This functionality allows greater co-ordination and flexibility to control room operators; from the one console, operators can communicate with and patch together individual subscribers and talkgroups across the networks.

Automatic Warning Alert Tones and Radio Broadcasts have been added for the resources market in particular where blast and emergency tones let staff know when explosives are about to be used, or that an emergency has occurred. For all markets, the ability to reliably and efficiently broadcast warnings can be critical to the safety of lives. In the event that a particular facility alarm is triggered, the Switch*plusIP* system can immediately alert people by automatically transmitting blast or emergency tones or broadcasting messages over radios. The configuration is flexible; the customer is able to load their own audio files and the warnings can be designated to any set of radios predefined by the customer.

The software updates include **Widescreen** monitor (16x9) enhancements, allowing more assets to be available onscreen, such as the number of radios per page increasing from typically thirty two to forty eight. Also included are **supportability enhancements** to assist maintainers when performing backups, sparing, and IP address changes within the Switch*plusIP* network. Plus the **Rohde and Schwarz MS3R** family of Software Defined Radios is further supported with remote access control.

For further information please contact the Exelis support team, or email us.