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Chairman

TETRA + Critical Communications Association



The TCCA Perspective

Montreal Workshop 2014

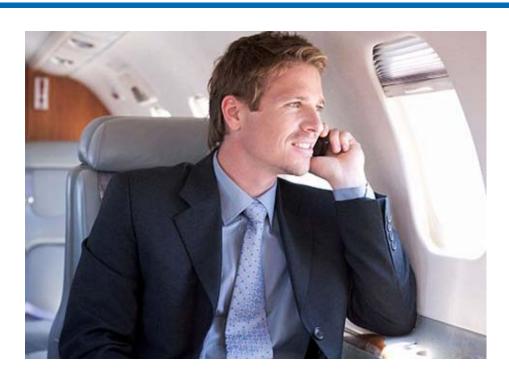


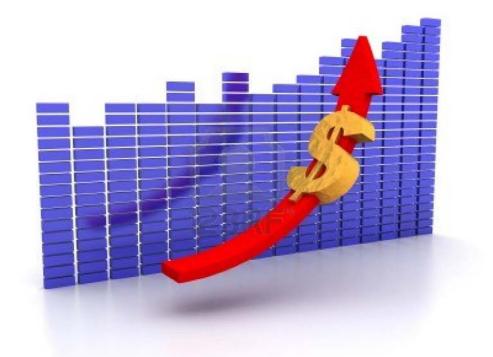
- The TCCA is a Members Association
- It represents the interests of all those for whom Mobile Communications are critical to their ability to do their job.





Critical Communications users







TCCA Critical Communications users



Defined to satisfy the needs of those that work in groups and therefore need to communicate in groups.

- Mission Critical users
- Business Critical users



TCCA User categories

- Public Safety (Police, Fire, Ambulance)
- Utilities (Gas, Electricity, Water)
- Transport (Rail, Metro, Bus, Trams, Ports, Airports)
- Fuel and Power Generation
- Petrochemical
- Mining
- Military and Paramilitary



- Initially set up to support TETRA
- Increasing demand for Mission Critical Mobile Broadband





TCCA TCCA Philosophy

- Encourage the adoption of Open Standards
- Encourage free and open competition amongst suppliers
- Ensure full interoperability between different manufacturers equipment
- Avoid the multiple standards of the past
- Drive the development of a single set of standards for Critical Broadband





TCCA Proprietary Technologies

 Faster route to product availability than standards based solutions





TCCA Failed Standards

- Betamax
- VLP



- ERMES (European Radio Messaging System)
- Telepoint









TCCA Proprietary Technologies

- Faster route to product availability than standards based solutions
- Critical Communications market is not the same as the cellular market
- Serious drivers for producing and purchasing proprietary solutions





TCCA User Needs

France

 Need to replace their aging Tetrapol networks

• UK

- Existing contracts for the provision of mobile communications will expire from 2016
- Procurement is underway but existing technology does not meet the requirements







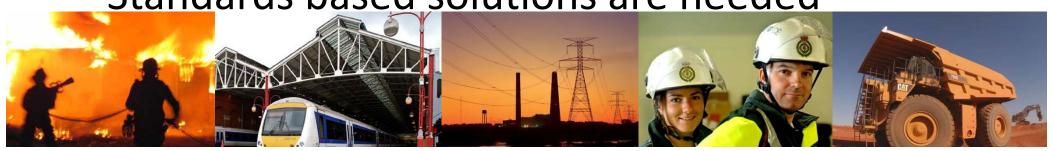
TCCA on Standardisation

- Fast and efficient Standardisation process
- Utilise existing expertise
 - 3GPP for their knowledge of Core LTE technology
 - OMA for their past experience of PoC, device management location, presence and other service enablers
 - ETSI TCCE for their knowledge of critical communications requirements and functionality



- Existing Critical Comms users have high expectations
- Please recognise the urgency of Critical Comms standards development
- Proprietary solutions are not in the best interests of our users

Standards based solutions are needed





Existing Critical Comms users have high

expectations





Thank You

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