

**Join us – and help shape the future
of critical communications**



**Critical communications for
all professional users**

 **@TCCAcritcomms**

www.tcca.info

“Membership of TCCA is valuable to our organisation because it allows us to work together with different companies, which can give synergy and great results. People in TCCA are willing to share their ideas - it is always interesting to learn new viewpoints!”

Airbus Defence and Space:

www.securelandcommunications.com

“By driving the need for multi-technologies within the mission critical industry, TCCA has created a forum and environment which has enabled Panorama Antennas to better understand and develop a range of products that are required by our customers.”

www.panorama-antennas.com

“Professional users like Public Safety, who are depending on their mission critical communications, need a platform for this important but relatively small market. TCCA has provided this for mission critical voice. Now it is working to fulfil for its members the same for mission critical data.”

The Police of the Netherlands:

www.politie.nl

“Bringing people together to discuss the needs and solutions for safe and reliable communications, in a very rapidly changing environment, is the main reason for ASTRID being active in TCCA.”

www.astrid.be



Introducing TCCA

The Critical Communications Association (TCCA) represents organisations from around the world, bringing together all those with an interest in the provision of wireless communications in a mission critical or business critical environment.

TCCA believes in and promotes the principle

of open and competitive markets worldwide through the use of common standards and harmonised spectrum. As well as other PMR open standards, TCCA continues to support and promote the use of TETRA technology and is driving industry synergy in the development of future mobile broadband capability for the users and providers of critical communications.

About our members

TCCA is membership-driven. Our members actively participate in the management of the Association, helping to shape future strategy and thus influence the development of critical communications worldwide.

As a TCCA member, you have the opportunity to be fully involved in the advance of critical communications.

Join TCCA and you will join like-minded organisations around the world who are focused on enhancing the performance, relevance and success of the critical communications industry.

Critical communications users have essential requirements. The networks and services must deliver these requirements to support users who rely on critical communications capabilities.

By working together, we can continue to create success for the critical communications market, and continue to safeguard end-users and the wider public.

Millions of people around the world rely on critical communications, working in:

Public Safety

- Police
- Fire and Rescue
- Ambulance

Utilities:

- Gas
- Electricity
- Water

Government

Military & Paramilitary

Extraction

- Oil
- Mining


Transportation:

- Railways and Metros
- Buses, Trams and Taxis
- Airports and Seaports

Hospitality & Leisure

Sports Arenas

Major Event Management and many other sectors



As a TCCA member, you have the opportunity to be fully involved in the advance of critical communications.

“The marketing of TETRA and more generally critical communications through events such as TCCA’s Critical Communications Series of events and through journals such as TETRA Today gives the market continued confidence that their needs can be met by a multi-vendor community that is properly organised, has common interests and includes operators and users. The interoperability process is the technical underpinning of this co-operation.”

www.seapura.com

“As a very active Association, TCCA has established itself as the platform that has created a large homogeneous market where competition and innovation is thriving. TCCA also allows the customer side to have an influence on the supplier organisations and since we want to listen to our customers, TCCA is a great place to be. Motorola Solutions is an active member of the Association and recognises its importance to drive technology that fits mission-critical customers.”

www.motorolasolutions.com

“A key element of P3’s core business in the mobile sector is our work on mission and business-critical communications solutions. Thus it has proved beneficial to our overall profile in, and understanding of, this important market for us to be active participants in the development and evolution of TCCA, the leading industry association in the sector.”

www.p3-group.com

“Open standards in mission critical communication is at the heart of DAMM. Direct benefits from TCCA membership include the organisation of industry events, the promotion of a professional approach to critical communication, and technical coordination on specification and tests.”

www.damm.dk

Working Group Case Study - Spectrum Success

TCCA's Radio Spectrum Group (RSG) was established in 2008 to fight for protected spectrum for critical communications. The Group shared the latest status information, and mobilised TCCA member and partner associations in delivering joint position papers and consultation responses to address MEPs, the EU Commission and its committees, CEPT working groups and project teams, and influenced decisions through presentations and personal attendance at meetings and workshops.

The RSG has helped to achieve major steps forward in protecting spectrum for critical communications. These include:

- EU Radio Spectrum Policy Programme preparation during 2010-2011.

A member-funded research and lobbying campaign was organised to educate MEPs and Council members on PPDR and other critical communication needs. In 2012, the first Radio Spectrum Policy Programme (RSPP) was approved and established by Decision 2012/243/EU of the European Parliament and the Council. The RSPP focuses on strategic policy issues related to harmonisation of the use of spectrum.

- The European broadband PPDR debate from 2010 to 2016.

The RSG played a key part in this debate, pushing the agenda forward with reports, presentations, input papers and lobbying activity. The main work was done within CEPT's Project Teams and the results of the four ECC Reports were adopted in early 2016 in the EU Commission's 700 MHz Implementing Decision and the ECC Decision (16)02 on harmonised technical conditions and frequency bands for the implementation of Broadband PPDR systems. In parallel, the results were reflected in the updated PPDR Resolution 646 of the World Radiocommunication Conference (WRC) in 2015. This introduces broadband systems and encourages the consideration of 700 and 800 MHz frequencies in national PPDR planning.

The RSG will reconvene if there is a need to further promote the need for spectrum by the critical communications world. For information about TCCA's spectrum activity, please contact admin@tcca.info

Membership benefits include:

Working Groups - Access and contribute to knowledge and information

TCCA Working Groups are set up and managed by members, and report to the Association CEO and Board. Members are encouraged to actively participate in these Working Groups, which include:

Applications Working Group (Apps WG)

Applications offer many efficiencies and possibilities for critical communications users. The Apps WG works on enabling mission critical data and applications in an interoperable way on TETRA and broadband networks.

Broadband Industry Group (BIG)

The BIG encourages broadband vendor cooperation in the development of common global critical communications solutions. This helps to drive market adoption of standardised critical communications LTE and subsequent 5G technologies for the benefit of critical communications users and organisations, and promotes an evolutionary approach towards future solutions.

Critical Communications Broadband Group (CCBG)


The CCBG drives the development and adoption of common global mobile broadband standards and solutions for users who operate in a mission critical or business critical environment.

The International Critical Control Rooms Alliance (ICCRA)

The agenda of the ICCRA is comprehensive and covers all aspects of running an effective critical control room, including the technologies involved, the processes and operations, the environment and ergonomics of the rooms, and the people who bring them to life.

The Marketing Group (MG)

The Marketing Group develops and co-ordinates the integrated marketing communications activity of TCCA, positioning and raising the profile of the Association's work through the events programme, media engagement and other market-facing activities.



TCCA represents the interests of its members by working to ensure the delivery of secure and reliable critical communications for a global market, now and in the future.

The Operator User Association (OUA)

A forum for knowledge exchange between operators and users of critical communications systems. In close co-operation with ETSI Working Groups, new user requirements are identified, and converted into Service Overviews. The OUA carries the responsibility of collecting and submitting user priorities to the Technical Forum.

SCADA, Smart Grid and Telemetry Working Group (SSTWG)

A forum for users, manufacturers, system integrators and developers to share experiences and requirements, and catalyse the market for critical communications. Its aim is to encourage and support the development of suitable solutions, both for traditional SCADA and telemetry and for new application areas such as smart grids.

The Security and Fraud Prevention Group (SFPG)

The SFPG prepares and manages recommendations on use of encryption in critical communications networks, and controls access to restricted technical information.

The Technical Forum (TF)

Among other responsibilities this group interfaces to ETSI for Standards work; oversees the TETRA Interoperability Testing and Certification Process, and provides a key forum for technical knowledge exchange.

TETRA Industry Group (TIG)

TIG works to promote TETRA, develop the technology and advocate an evolutionary path towards future solutions for the mission-critical communications market that TETRA serves, based on open standards.

It develops expertise on the strengths of TETRA and LTE as competing, complementary or integrated solutions for this market.

Transportation Group (TG)

A platform for everyone interested in critical communications implementation in the transportation sector, including railways, metros, trams, buses, sea ports, harbours and airports. Participants share experiences and information, focusing on the market potential for future projects as well as representing users' interests.

By participating in any of these Working Groups and/or having access to the Members Only area of www.tcca.info, members also gain early access to new technical documents and participate in member enquiry stages to express their views prior to publication.

Regional Forums

There are a number of regional TETRA Forums with membership specific to a country or region. These provide a platform for localised technology promotion and also support Association initiatives to help national members to get maximum benefit.

Access to unique TETRA branding

Only members of TCCA have access to, and approval to use, the distinctive and unique TETRA logo and brand image.



Member discounts

Members of TCCA enjoy special rates on:

- Attendance at industry conferences and exhibitions
- Training courses – in person and online
- Industry analyst reports

Impact on the future of critical communications

As a member you will join other like-minded organisations globally whose success is dependent upon critical communications – you can help secure that success. As a member of TCCA you have the opportunity to be part of the ongoing success of our industry, to share the knowledge and expertise of other TCCA members and partner organisations, and to actively participate in determining the future of critical communications. Only by working together can we continue to make the difference that creates success for our members.

Media profile

TCCA is profiled in the media on a regular basis, and all members are given the opportunity to participate. A selection of TCCA media coverage can be found at <https://tcca.info/tcca-in-the-news/>

www.tcca.info

This is the central marketing resource of TCCA.

At www.tcca.info you can:

- View the Association's event schedule and register to participate
- Read the latest industry news
- See the latest industry social media posts
- Post your company news, press releases and case studies
- Profile your company with your logo on the home page, and a listing in the 'Members' section
- Sign up for training courses
- From the 'Members Only' section, you can:
 - Access technical and marketing information
 - Access the latest technology developments and updates
 - Access presentations for use in your own marketing activities

Critical Communications Events



TCCA runs its own Critical Communications Series of events, as well as supporting other industry events around the world - the map below shows just some of the locations where we have exhibited.



For details of upcoming events, please see the Events zone at www.tcca.info or contact us at admin@tcca.info



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Come and join us!

Membership of TCCA opens up a unique range of technical, marketing and networking opportunities and activities. Join us to help make a real contribution to the future of critical communications for all professional users throughout the world.

To find out more, please contact us at admin@tcca.info and visit us at

www.tcca.info

Members of TCCA include:

- Application providers
- Consultants
- Forums
- Integrators
- Manufacturers
- Media
- National Government representatives
- Operators
- Test Services and Systems suppliers
- Users
- Value Added Resellers
- And many more

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