Celebrating 30 years!

TCCA 30

Join us – and help shape the future of critical communications







www.tcca.info

tcca-critical-communications

"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





"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."

Panorama Antennas

www.panorama-antennas.com

"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

https://criticalcommunications.airbus.com/en

Introducing TCCA

TCCA is a not-for-profit organisation committed to advancing global critical communications for a safer, more connected world by helping to empower critical communication users with secure, trusted, and standardised technologies. We represent our members from around the world, bringing together all those with an interest in advancing the quality of wireless communications in a mission critical or business critical environment. This creates a thriving critical communications ecosystem for the benefit of all.

We believe in and promote the principle of open and competitive markets worldwide through the use of common standards and harmonised spectrum. We drive industry synergy in the development of critical broadband capability for the users and providers of critical communications. TCCA is also the guardian of the TETRA standard and is responsible for its ongoing enhancement.







"Telstra is excited to be a member of TCCA and to collaborate with operators, suppliers and the broader critical comms industry across the globe to advance mission critical communications. Telstra has a long history providing emergency services organisations with frontline communications needs and we look forward to continuing our work with customers, communities, industry and government to address the current and future needs of regional Australia. This includes working cooperatively to ensure our investments, new technologies, policy and regulation work together to deliver progress."

Telstra

www.telstra.com.au/business-enterprise/industries/critical-communications

Our Working Groups – at the heart of TCCA

The vast majority of TCCA's work takes place within its many Working Groups, meeting in person and online – join us, join a Working Group (or several!) and contribute to the ongoing enhancement of critical communications

Broadband Industry Group (BIG)

The BIG serves as a platform for cooperation among mobile broadband and mission-critical communication suppliers, driving the development and global promotion of solutions based on 3GPP standardised technologies, including 4G LTE, 5G, and beyond.

Critical Communications Broadband Group (CCBG)

The largest of our Working Groups, 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 aim is to enable these users to access their information systems, intranet and internet at broadband speeds using their professional mobile devices wherever they are and whenever they have the need.

Future Technologies Group (FTG)

This Group primarily considers emerging technologies, or novel use cases of existing or emerging technologies that are of potential interest to the community served by TCCA, and that may have impact or relevance on connectivity or data provision to critical communications users.

Interworking Function Working Group (IWFWG)

At the crossroads of moving from LMR systems like TETRA, P25 and GSM-R over to the broadband 3GPP world, an interface to facilitate the transition and co-existence between heterogenous systems is needed. The IWF Working Group will, in line with TCCA ideology, facilitate between parties a way forward to identify and later develop interworking functions.

"Our division looks forward to connecting with other members and contributing to several of the Working Groups facilitated by TCCA, from the Critical Communications Broadband Group to the Interworking Function Working Group. Advancing communications for first responders is a worldwide challenge, so it's vital we collaborate across sectors and at a global scale to drive progress together."

NIST PSCR

www.nist.gov/ctl/pscr



Critical Communications Broadband Group Plenary 2024.

Legal and Regulatory Working Group

The Legal and Regulatory Working Group focuses on the legal and regulatory issues and challenges related to the evolution from TETRA to broadband services for critical communications. The LRWG is open to governmental operators of critical communications networks.

Spectrum Group

The Spectrum Group (new in 2025) works to secure available and ideally harmonised spectrum for all critical communication users worldwide. Its main objectives are the agreement of common spectrum positions, to raise awareness about spectrum needs of all critical communication users, and to advise TCCA members on spectrum policy matters. The group is open to all TCCA members.

The Security and Fraud Prevention Group (SFPG)

The SFPG considers the interests of critical communications system (including TETRA) operators, manufacturers, government bodies and users in the area of security and fraud prevention. The group produces guidance in the form of Recommendations, technical reports and white papers covering items which are not managed within the open standards.

The Technical Forum (TF)

Among other responsibilities this group turns service overviews into profiles and test plans which are used for the TETRA Interoperability Testing and Certification (IOP) process. The TF provides a key forum for technical knowledge exchange.

TETRA Industry Group (TIG)

TIG is a strategy and business expert group that works to promote TETRA, driving related TETRA event strategy as well as through white papers and other collateral. TIG advocates TETRA standard evolution in cooperation with ETSI TCCE and foresees an evolutionary path towards future hybrid solutions for the mission critical communications where TETRA stays as the optimal solution for voice and narrowband data and is combined with complementary 4G/5G service.

TCCA Working Groups are set up and managed by members, and report to the Association Chief Executive and Board. Members are encouraged to actively participate in these Working Groups.

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.

Working Together – success in cooperation!

TCCA has formal working relationships with the following key industry organisations. By working together on critical industry initiatives, we are combining our voices to achieve and deliver results that benefit everyone.

TCCA is the 3GPP Market Representation Partner for the critical communications sector, and TCCA members actively participate in 3GPP Working Groups.
www.3gpp.org

TCCA works closely with ETSI to help deliver the MCS/MCX Plugtests™ and through ETSI we guard and guide the development of critical communications standards including TETRA.
www.etsi.org



TCCA is a supporter of the ETSI MCX Plugtests – participants pictured at the MCX#9 event in February 2025.
Picture courtesy of ETSI

We work together with the Global Certification Forum in the interests of our respective members in areas relating to the certification of 3GPP Mission Critical Services.
https://www.globalcertificationforum.org/services/mission-critical.html

Our relationship with South Korea's Safe-Net Forum serves to further strengthen our knowledge base and enable the Forum to benefit from TCCA members' experiences in building critical broadband networks.

TCCA and the Broadband India Forum aim to accelerate the development of standardised mission critical networks, helping to ensure safety and security for critical communications users and those they protect.
www.broadbandindiaforum.in

TCCA works with the ITU-APT Foundation of India (IAFI) to promote the development and deployment of standardised critical communications, and also in local, regional and global spectrum matters.
https://www.iafi.in/

We share valuable technical expertise with the European Utilities Telecom Council (EUTC) regarding the deployment of mission critical broadband systems to the mutual benefit of both communities.
www.eutc.org

TCCA's relationship with the 450 MHz Alliance allows close collaboration, sharing of information and joint standardisation activities, creating a more productive environment for our combined members representing an industrial IoT community.
https://450alliance.org

The Australasian Critical Communications Forum (ACCF) represents industry and users from the Australasian/Oceania region- all with an interest in advancing the quality of standardised critical LMR and broadband communications.
https://tcca.info/australasian-critical-communications-forum/

TCCA also has informal working relationships with these complementary organisations around the world:

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 member of TCCA, you have the opportunity to be fully involved in advancing state-of-the-art 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



"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."

DAMM

www.damm.dk

"Sepura recognises the promotion of TETRA and critical communications through TCCA platforms, as confirmation that market needs can be met by a properly organised multi-vendor community that also includes operators and users. The Interoperability Process and various Working Groups of TCCA represent the technical underpinning of this cooperation."

Sepura

www.sepura.com

"As one of the main industry players in the market of Critical Communications, Leonardo regards TCCA as the key organization to effectively pursue all aspects related to the development of professional communications. TCCA offers an unrivalled co-operation framework that allows industries, network operators and end users to jointly work for the creation and maintenance of efficient open standard solutions and profitable multi-vendor markets, enabling continuous product innovation."

Leonardo

https://cybersecurity.leonardo.com/en/

"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."

ASTRID

www.astrid.be

Further member benefits

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.

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
- Advertise your company's career opportunities
- 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 detailed specifications and paper produced by the various TCCA Working Groups.
  - Access the latest technology developments and updates
  - Access presentations for use in your own marketing activities

Critical Communications Series of events

TCCA members can enjoy a series of benefits and discounts when participating in any of our Critical Communications Series of events, including:

- **Early sight** of event exhibition floorplan
- **Priority** exhibition stand space booking
- **Discount** on exhibition stand space
- **Priority** Technology Showcase booking
- **Discount** on Technology Showcase booking
- **Priority** listing within the event Show Guide
- **Priority** profile in the event Show Daily[1]
- **Priority** listing on the event website
- **Dedicated** registration service
- **Member-exclusive** TCCA lounge with complimentary refreshments and wi-fi[2]

www.critical-communications-world.com

1. Dependent on event, not all events may have a Show Daily publication
2. Venue-dependent

"TCCA is the leading global organisation to discuss all matters relating to critical communications. It provides the ideal platform for customers to engage with the entire ecosystem of market participants, all singularly focused on saving lives through state-of-the-art mobile communications."

Ericsson

www.ericsson.com



From left: TCCA Board Chair Mladen Vratonjić, Vice-Chair Tero Pesonen, and CEO Kevin Graham at Critical Communications World 2024.

"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 and carrier 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 and business-critical customers."

Motorola Solutions

www.motorolasolutions.com

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.

Members of TCCA include:

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

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

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