



News from TCCA

Critical communications for all professional users

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From the CEO

Welcome to our May newsletter as we celebrate the conclusion of another successful Critical Communications World in Dubai, our 25th live event, proudly hosted by UAE network operator Nedaa, the sole and exclusive security network provider for the Government of Dubai.



From left, our CCBG chair and Board vice-chair Tero Pesonen, CEO Kevin Graham and Board chair Mladen Vratonjić greet His Highness, Sheikh Mansoor bin Mohammed bin Rashid Al Maktoum, Chairman of Dubai's Supreme Committee of Crisis and Disaster Management, at the opening of Critical Communications World 2024.

[View CCW 24 in pictures here](#)

Our deepest gratitude to all involved in making the conference and exhibition such a resounding success - our first outside Europe post-pandemic. A record number of exhibitors, with more than 4200 attendees across the three days, and increased international participation from a record 97 countries bears testimony to the hard work of many, the commitment from our event partners Mark Allen Exhibitions, and the support from our hosts.

Congratulations to all ICCA 2024 category winners announced at the Gala dinner, those highly recommended and to TCCA's 2024 Young Engineer of the Year Veronica Pecchioli from Leonardo, to our Board member for Airbus Ali Helenius for the Phil Kidner Award for an Individual Outstanding Contribution to Critical Communications, and to our TETRA Industry Group chair and Board member for Leonardo Francesco Pasquali for the Award in Recognition of Outstanding Services to TCCA. Our thanks to judging chair Robin Davis and all the international judges who devote significant time to adjudicating a record number of submissions.



[View the ICCAs 2024 winners here](#)

Brussels was officially announced during the handover ceremony as the city hosting CCW2025 17-19 June. We are so pleased to have longstanding TCCA member ASTRID, the Belgium government network operator, as the host organisation.

As you will see in the reports, many other activities continue and we proudly supported EUTC and the 450MHz Alliance this week in [their joint Dublin event](#), co-hosted by TCCA member Druid.

A long list of forthcoming events at which TCCA will participate includes NENA and the 5x5 Summit, both in the US, the ETSI FRMCS#3 Plugtests in France, and Comms Connect in New Zealand. Please also note the [PSC-E conference in Vienna](#) next week. We can look forward to an exciting year ahead.

Enjoy the read and again kudos to all who help TCCA in our regional and international evangelism influencing the directions on all things critical comms.

With best regards

Kevin Graham

CEO

Welcome new members!

iConvNet

iConvNet is a provider of customized solutions for critical industry users, providing an integrated converged communications system with audio and video communications as the core business, supplemented by AI analysis. The system is characterized by reliability, flexibility, security, and compatibility, which can provide intelligent integration and security for social development. Basein in Singapore, iConvNet integrates innovative technologies and global resources to provide users with intelligent converged communications solutions, making it possible to Connect The World. For more information please visit www.iconvnet.com



The Deputy Directorate General of Communication and Information Systems for Security (SGSICS) proposes, plans, coordinates, and implement databases, information systems and communications systems for use by the State Security Forces and Corps (FFCCSE), allowing them to carry out their safeguarding work. of the rights, freedoms and security of citizens in a more efficient and effective way. The Security Technology Center (CETSE) constitutes the headquarters of the SGSICS as the body for implementing the specific functions of this Subdirectorate and the R&D&i policies of the Board of Directors. In addition to the SGSICS, the CETSE houses the National Center for the Protection of Critical Infrastructures and Cybersecurity (CNPIC). For more information please visit <https://cetse.ses.mir.es/publico/cetse>



TETRA Technologies Solutions (TTSolutions) promotes Romanian technology and products and is distinguished by its customer relations policy, oriented towards a long-term collaboration and the permanent improvement of the quality of the services provided. Located in Bucharest, TTSolutions acts as a regional provider of solutions and services in the field of telecommunications, consulting, project management, engineering, design, implementation,

testing and maintenance of IT&C systems. For more information please visit <https://ttsolutions.ro/index.htm>

TCCA Board 2024-5

As well as the extensive conference sessions, Focus Forums and engaging exhibition at CCW, we held our 2024 Annual General Meeting in the CCW venue, enabling as many TCCA members who were in Dubai to attend. As well as general TCCA business, some Board members and our chairman Mladen Vratonjić were up for re-election. Many thanks to all members who voted online or attended the meeting and voted in person - we present TCCA's Board of 2024-5, and our re-elected chairman!



From left: Jason Johur, Ericsson, Tim Clark, Motorola Solutions, Nina Myren, DSB Norway, Cate Walton, UK Home Office, Steve Barber, Sepura, chair Mladen, Tero Pesonen, Board vice-chair and representing Erillisverkot Finland, Ali Helenius, Airbus Defence and Space, Francesco Pasquali, Leonardo, and our CEO Kevin Graham.

New and revised TCCA documentation

TCCA's Board has published the association's Strategy document for 2024-28, and further TCCA policies and information have been updated and published. These can all be found in the members' area of the website – please do take a look as the documents are relevant to all members and the way we conduct TCCA activities.

[View TCCA Policy and Association documents here](#)

Working Group Reports

Thank you to all the Working Group chairs and participants who supported CCW 24 in the conference and in delivering the top quality Focus Forums – very much appreciated.

Australasian Critical Communications Forum (ACCF)

Australasian Critical Communications Forum (ACCF) was actively involved with CCW2024 at Dubai. The ACCF information desk as part of the TCCA Partners pavilion was staffed by ACCF Director Doug Bowden with support from other ACCF Directors Faz Moradi, Bidar Homsey and Jim Reid (Radlink). The purpose of the desk was to promote the activities of the ACCF in the Australasian region, by face to face discussions and the handing out of informative brochures.

Good to see ACCF members Radlink, Motorola Solutions, GMG/DAMM, Sepura, Waves, Zetron and Frequentis all represented at CCW.

Faz Moradi (Motorola Solutions) and Bidar Homsey (Frequentis) presented at the CCW2024 conference with Faz Moradi presented a session on 'Update of Critical Communication Today and Pathway to the Future' and Bidar Homsey participated in a panel discussion on 'Cyber Securing Utility Telecommunications Critical Infrastructures'. Both Bidar and Faz chaired various conference sessions at the conference.

The Australian NSW Telco Authority was represented by James Pickens and the Australian National Emergency Management Agency (NEMA) was represented by Bradley Creevey. Both James and Brad presented a session on Australian Public Safety Mobile Broadband Program.

Critical Communications Broadband Group (CCBG)

Report from chair Tero Pesonen

TCCA's agreed position and expectations from 6G for critical communications were put forward by CCBG chair Tero Pesonen at the 3GPP Stage 1 workshop on IMT2030 use cases, which took place in Rotterdam earlier this month. TCCA was one of six vertical sectors proposing use cases and requirements for 6G. The workshop objective was to bring 3GPP closer to the ongoing initiatives of various global and regional research organisations and MRPs related to 6G. The collaborative effort is of utmost importance as the 3GPP working group SA1 undertakes the task of defining the requirements and use cases for 6G, conducting studies in Release 20 and normative work in Release 21.

[Workshop information and presentations are available here](#)

Driving the agenda, delivering the results

CCBG and the Broadband Industry Group were the subject of an in-depth article in the current edition of Critical Communications Today.

[Read about the work of the two Working Groups on pages 28-30 here](#)

At CCW, CCBG chair Tero Pesonen was interviewed by Edge Middle East on trends and innovations in critical communications.

[Watch the video here](#)

Legal and Regulatory Working Group (LRWG)

Report from Nina Myren

Michael Rühlemann, BDBOS, is elected as the new LRWG vice chair, replacing Johan Levin who has left his position in MSB – we thank Johan for his contributions to the LRWG.

LRWG Chair Nina Myren presented the work in the Global Public Safety Operators Conference (GPSOC) that was held in Dubai on Monday May 13, the day preceding the opening of CCW 24. The main focus was TCCA's model texts for procurement and the importance of requesting testing and certification of MCX products and services. The presentation was held together with the joint TCCA and GCF MCS work stream presentation, in a session where industry was invited to attend. The LRWG white paper on QPP from last year and the need for regulation was part of a panel discussion on QPP during the CCW main program, and in the LRWG Focus Forum on the Tuesday afternoon of CCW, we enjoyed good discussions, and we received valuable input on the different topics that was presented. Thank you to all who attended and presented.

Technical Forum

Report from chair Harald Ludwig

On the day before CCW, the Technical Forum meeting #113 was held on 13 May 2024 in Dubai and online. The main topic in the TF is still the implementation of the new TETRA security algorithms into our IOP Test documentation, i.e. the TIPs, Test Plans and TIC-RTs. The AIF working group was very productive and provided a number of change requests for DMO Air Interface Encryption Test Plan, the Core TIP and the Enable/Disable TIP. The work plan for the update of the documentation was reviewed and updated. The actions from the IOP Test Engineers workshop and from the ISCOM Performance Review meeting were followed up.

The next TF#114 meeting will be held on 9 September 2024 as an online meeting.



The on-site participants TF#113 in the room and the online participants on the screen.

TCCA and GCF joint MCS workshop

On the day after CCW, TCCA and GCF together organised a workshop about the mission critical services. The workshop, on 17 May 2024, was kindly hosted by Airbus in their office in Dubai. The presentations and speakers covered all aspects which are important for the certification of the mission critical products, from the user perspective to the test platform, the test house and an outlook to the future activities.

The presentations from the workshop can be accessed via the MCSWS portal:

<http://mcsws.globalcertificationforum.org>.

TCCA members can register on the portal to get access to the workstream and documents.



In the afternoon the on-site participants participated in a regular GCF MCS workstream meeting, together with some online participants. One important decision made in the workshop was to launch the MCPTT certification with 3GPP Release-14.

The Interop Institute from the Texas A&M University ITEC

The Interop Institute from the Texas A&M University ITEC was held from 6-10 May 2024 in College Station, Texas, USA.

At this annual event industry leaders come together to address challenges in first responder communication. In the first half of the week, presentations and panel discussions highlighted the challenges and possible solutions with interoperability. In the second part of the event, a practical exercise was conducted in the Disaster City where First Responders could use and test new communication technologies during an exercise. The new communication methods included broadband devices with PTT applications from FirstNet AT&T, Verizon and T-Mobile which were connected to a P25 system. Also prototype devices with the off-network communication over the sidelink were available as well as cell on wheels or on a tethered drone.

From TCCA, Harald Ludwig was invited to speak on a panel about Mission Critical Push-To-Talk.

More information can be found on: www.interop2024.com

TETRA Applications Group

Report from chair Hannu Aronsson

We saw many exciting TETRA launches including application enabled devices and features at CCW Dubai. TETRA is growing strongly and we're seeing more data and application features of TETRA being supported and used.

The TETRA Apps group held a Focus Forum session at CCW highlighting data use of TETRA including data-oriented TETRA solutions from UAE and the rest of the world. More users are using data on their TETRA networks.

Are you getting the most out of your TETRA network by using data and applications? Please visit <https://tcca.info/tetra/apps> or contact group chair hannu.aronsson@portalify.com for more TETRA data and apps information.

TETRA Industry Group (TIG)

Report from chair Francesco Pasquali

At CCW 2024 the TIG held a Focus Forum session primarily centred on TETRA market growth across all verticals, with data presented by Ildefonso de la Cruz, independent principal analyst from Omdia, TETRA latest development in the field of security, the evolution of critical networks and the future of TETRA. The session also included a very lively panel session animated by young engineers from the industry community who talked about the future horizons of TETRA as well as how other state-of-the-art technologies such as Artificial Intelligence and Cyber Security and Resilience might further improve and evolve TETRA services and networks.

Considering the attractiveness and interests generally raised by these topics, the TIG is planning to repeat a similar session in an online webinar in the coming months. Details will be disclosed soon.

Upcoming events

5x5 The Public Safety Innovation Summit: Chicago, US – 25-27 June 2024



Our CCBG chair Tero Pesonen will be representing TCCA and our members at the 2024 5x5 event, a three-day summit that brings together leaders in public safety, academia, government, and industry.

Comms Connect New Zealand: Christchurch, New Zealand, 26-27 June 2024



Our CEO Kevin Graham will be representing TCCA and our members, presenting a global mission-critical comms update.

NENA 2024: Orlando, US: June 28 – July 3 2024

nema2024

ORLANDO

CONFERENCE & EXPO * JUNE 28-JULY 3

Our Board chair Mladen will be representing TCCA and our members, with a presentation on *'State of Play of Mobile Broadband Critical Communications in the World - Reality and Evolution'* and participation in a panel session *'Commercial Carrier & Mobile Networks never fail, do they?'*

4th ETSI FRMCS Plugtests: Sophia Antipolis, France, 1-5 July 2024



TCCA will be supporting the FRMCS Plugtests, led by our Technical Forum chair Harald Ludwig, with many TCCA members attending. TCCA together with UIC is offering the coffee breaks and lunch catering to attendees.

Previous events

[Police Tech and Expo, Toronto, Canada](#)



TCCA Board vice-chair and CCBG chair Tero Pesonen visited Toronto to present the work of TCCA and our members at the [Police Tech Conference and Expo](#) , and took the opportunity to visit Peel Police – Tero pictured with Phil Crnko – and Halton Police, both members of Canada’s PSBN Innovation Alliance, a member of TCCA. Discussions were had on public safety broadband, 6G and LMR standards, and new lifesaving 911 technology. We thank our Canadian hosts for the invitation, the welcome and the support.

[TCCA in the News can be found here](#)

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