

Connectivity when it's needed the most

Networks made for
mission critical situations

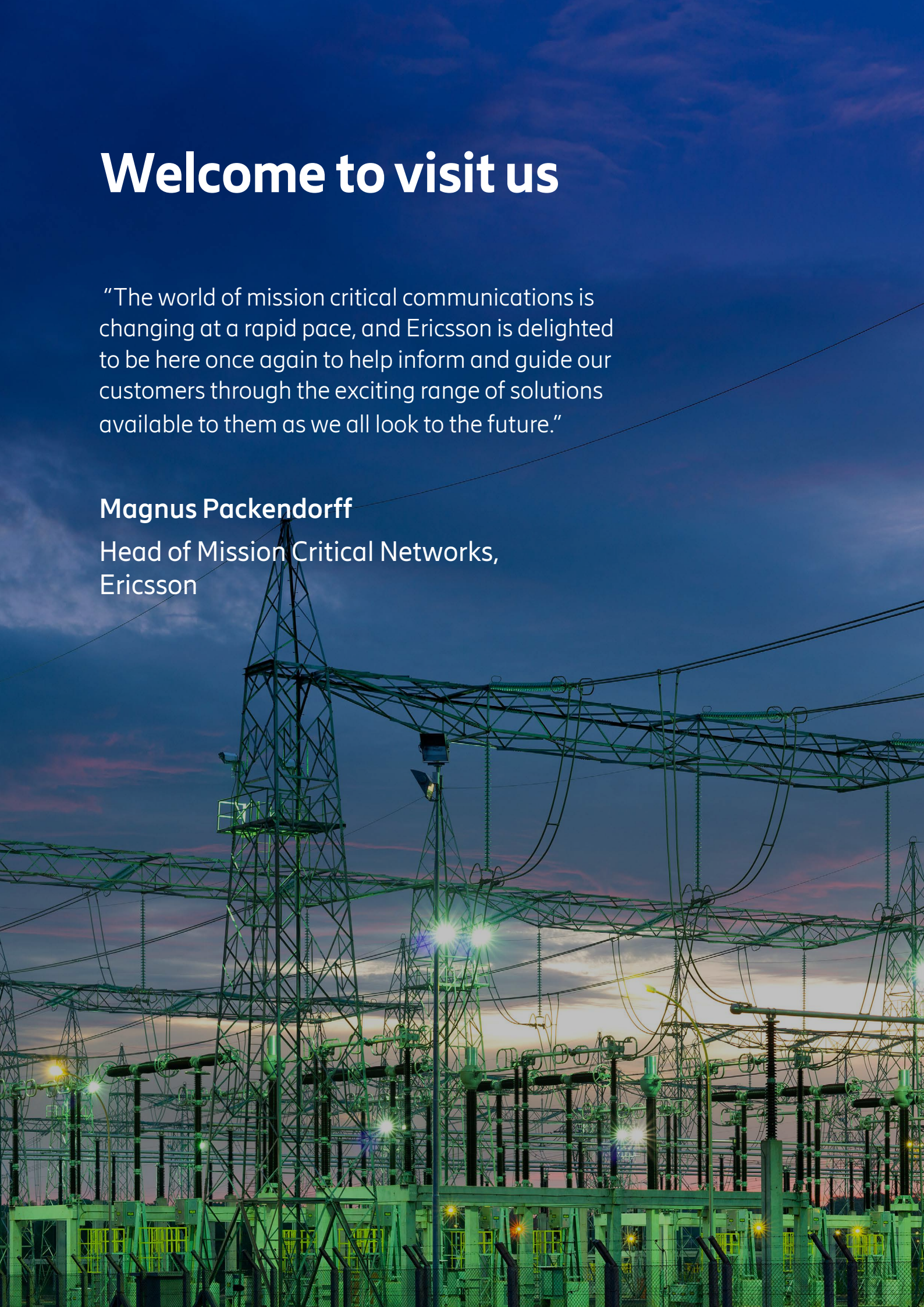


Welcome to visit us

“The world of mission critical communications is changing at a rapid pace, and Ericsson is delighted to be here once again to help inform and guide our customers through the exciting range of solutions available to them as we all look to the future.”

Magnus Packendorff

Head of Mission Critical Networks,
Ericsson



Agenda

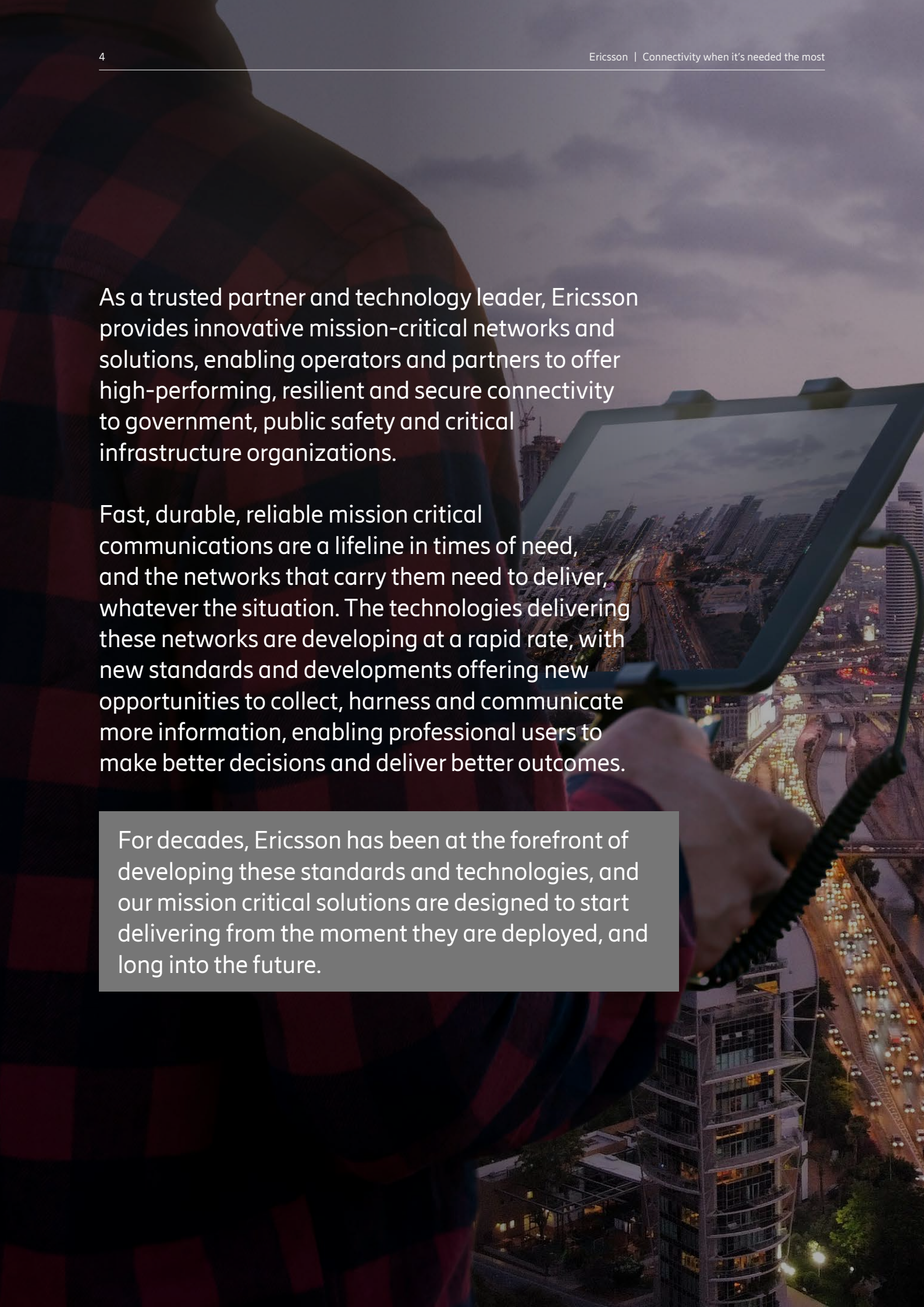
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A person wearing a red and blue checkered shirt is holding a rugged tablet computer. The tablet screen displays a cityscape at night, showing illuminated buildings and a highway with traffic. The background of the entire image is a blurred cityscape at dusk or night, with a person's arm and shoulder visible on the left side.

As a trusted partner and technology leader, Ericsson provides innovative mission-critical networks and solutions, enabling operators and partners to offer high-performing, resilient and secure connectivity to government, public safety and critical infrastructure organizations.

Fast, durable, reliable mission critical communications are a lifeline in times of need, and the networks that carry them need to deliver, whatever the situation. The technologies delivering these networks are developing at a rapid rate, with new standards and developments offering new opportunities to collect, harness and communicate more information, enabling professional users to make better decisions and deliver better outcomes.

For decades, Ericsson has been at the forefront of developing these standards and technologies, and our mission critical solutions are designed to start delivering from the moment they are deployed, and long into the future.



Ericsson solutions on display at CCW 2024





Ultra Compact Core

Introducing Ultra Compact Core (UCC), a solution that enables additional connectivity in emergency situations using a temporary deployable network during natural disasters or for the public's protection.



Digital airspace

Showcasing Ericsson's latest air-ground-air network solution that enables extended coverage to airspace with predictable and reliable connectivity for flying drones, unmanned aerial vehicles (UAVs) and helicopters to support rescue operation or critical infrastructure inspection.



Differentiated connectivity

Complementing Ericsson's existing dedicated core deployment models, with the introduction of 5G SA and slicing we're enabling new use cases that are enhancing the quality and efficiency between ambulance staff and remote medical experts for fast and more precise treatment.



5G Cybersecurity platform

Ericsson Security Manager (ESM) is a 5G cybersecurity platform that focuses on operational security to enhance cyber-resilience in telecom networks. The automated solution provides visibility, analytics, orchestration and governance to fully achieve zero-trust architecture (ZTA).



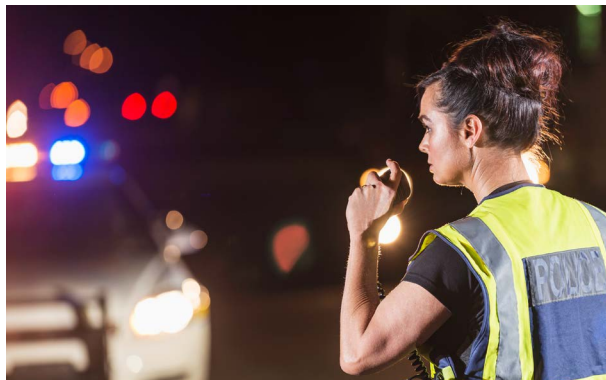
Non-terrestrial networks

An innovative 5G NTN solution based on 3GPP as a complementary service to terrestrial networks, directly connecting 5G-enabled devices via satellite, enabling a continuity service for users moving from covered areas into uncovered areas.



Smart grid monitoring

Together with our partners Zaphiro, we showcase an innovative power grid monitoring solution that uses low-latency 5G to reduce the threat of wildfire by de-energizing a falling power line before it hits the ground and causes a fire, potentially saving lives and property.



Cradlepoint products and solution

Emergency services rely on Cradlepoint and its cellular intelligence to build a reliable, secure network for sites, vehicles, IoT devices, and remote employees. The demo includes mixed cellular network availability, NetCloud Manager and Security solutions.



Our speakers at CCW 2024



Magnus Packendorff
Head of Mission Critical
Networks, Ericsson



Kari-Pekka Pertulla
Strategic Product Manager,
Security Solutions, Ericsson



Pedro Tercero Lozano
Business Development, Mission
Critical Networks, Ericsson



Patricia Campos Millos
Director, Mission Critical
Private Networks Business
Development and Business
Readiness



Zeineb Makni
E2E Mission Critical
Solution Architect, Ericsson



Jason Johur
Chair, Broadband Industry
Group, TCCA Board member &
Market Development Director,
Ericsson



James Bristow
SVP, EMEA, Cradlepoint
Ericsson



Sanne Stijve
Global Business Development
Director, Mission Critical
Networks, Ericsson

Conference program	Date/time	Speaker
Industry Panel: Quality of service, priority and pre-emption	May 14, 2024 13:30 -14:15	Jason Johur Chair, Broadband Industry Group, TCCA Board member & Market Development Director, Ericsson
Keynote speech: Critical connectivity - Past, present and future	May 14, 2024 14:45 -15.15	Magnus Packendorff Head of Mission Critical Networks, Ericsson
Reliability in mission critical networks	May 14, 2024 17:00 - 17:20	Patricia Campos Millos Director, Mission Critical Private Networks Business Development and Business Readiness Zeineb Makni E2E Mission Critical Solution Architect, Ericsson
Panel Discussion: 5G NTN critical communications	May 15, 2024 11:25 - 12:05	Pedro Tercero Lozano Global Business Development Director, Mission Critical Networks, Ericsson
Panel Discussion: How to ensure the security of mission critical networks	May 15, 2024 12:45 - 13:30	Kari-Pekka Pertula Strategic Product Manager, Security Solutions, Ericsson
Focus Forum: Critical Broadband Roadmaps - standards, technology and implementation challenges	May 15, 2024 11:15 - 13:15	Jason Johur Chair, Broadband Industry Group, TCCA Board member & Market Development Director, Ericsson Zeineb Makni E2E Mission Critical Solution Architect, Ericsson Sanne Stijve Global Business Development Director, Mission Critical Networks, Ericsson
Presentation: The critical role of 5G networking technologies in emergency services	May 15, 2024 15:45 - 16:15	James Bristow SVP, EMEA, Cradlepoint



Keynote session:

Critical connectivity – Past, present and future

Connection is the lifeline for securing society and industry, and Ericsson has long been at the forefront of developing these lifelines. The world of mission critical communications is changing rapidly as 3GPP standard has been adopted via 4G and 5G, creating new opportunities to bring powerful modern technologies to mission critical users.

This session shares our vision, insights, and experiences from collaborations with customers worldwide to support our partners in a progressive evolution towards next-generation mission critical networks to deliver connectivity whatever the situation and when and where it's needed the most.

Magnus Packendorff

Head of Mission Critical Networks, Ericsson

Presentation:

The critical role of 5G networking technologies in emergency services

Digitalisation, time-critical applications and secure connectivity are key vectors of innovation transforming Emergency Services connectivity requirements. This session looks at the pervasive use of reliable, secure, prioritised, high-speed 5G communications to support underlying in-vehicle mobility requirements. In this session we will consider Bluelight vehicle connectivity at scale and use of 5G to prioritise critical communications.

James Bristow

SVP, EMEA, Cradlepoint-Ericsson

Reliability in mission-critical networks

It is common that a hybrid architecture is used when deploying Mission Critical networks, where some functions and resources are shared with commercial subscribers. In this session we will talk about how networks serving both commercial and Mission Critical users can be designed to provide reliable services to MC users also during challenging conditions.

Patricia Campos Millos,

Director of Mission Critical Networks Business Development and Business Readiness, Ericsson

Zeineb Makni

E2E Mission Critical Solution Architect, Ericsson

Focus Forums

Quality of service, priority and pre-emption

The panel will bring together the difference perspectives from across user, operator and industry players to discuss how to successfully deploy QPP capability and deliver mission-critical mobile broadband services.

Jason Johur

Chair, Broadband Industry Group, TCCA Board member & Market Development Director, Ericsson

Zeineb Makni

E2E Mission Critical Solution Architect, Ericsson

Massive Mission Critical video

Video is becoming increasingly mission-critical. Considering how bandwidth-hungry video can be and the amount of information is generated, its massive usage poses multiple challenges. Public Safety organizations have come together to get an initial guidance for the successful usage of massive video by the critical communications sector, ensuring that solutions meet the operational needs.

Sanne Stijve

Global Business Development Director, Mission Critical Networks, Ericsson

Would you like to find out more about our mission critical communication solutions?

Let's talk how we can support you in realizing a smooth migration from a traditional voice-centric way of working to multimedia-enabled voice, data, and video-centric operations.

Get in touch

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[Contact us](#)

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