NORDIC MOMENTS THAT MATTER

WAVE PTX APPLICATIONS

SEPTEMBER 14TH 2021

MOTOROLA SOLUTIONS

QUESTIONS?

Phone lines are muted

Type questions in the “Questions” area on the webinar control panel

Raise your hand if you prefer to ask in your own voice

Session is being recorded

AGENDA

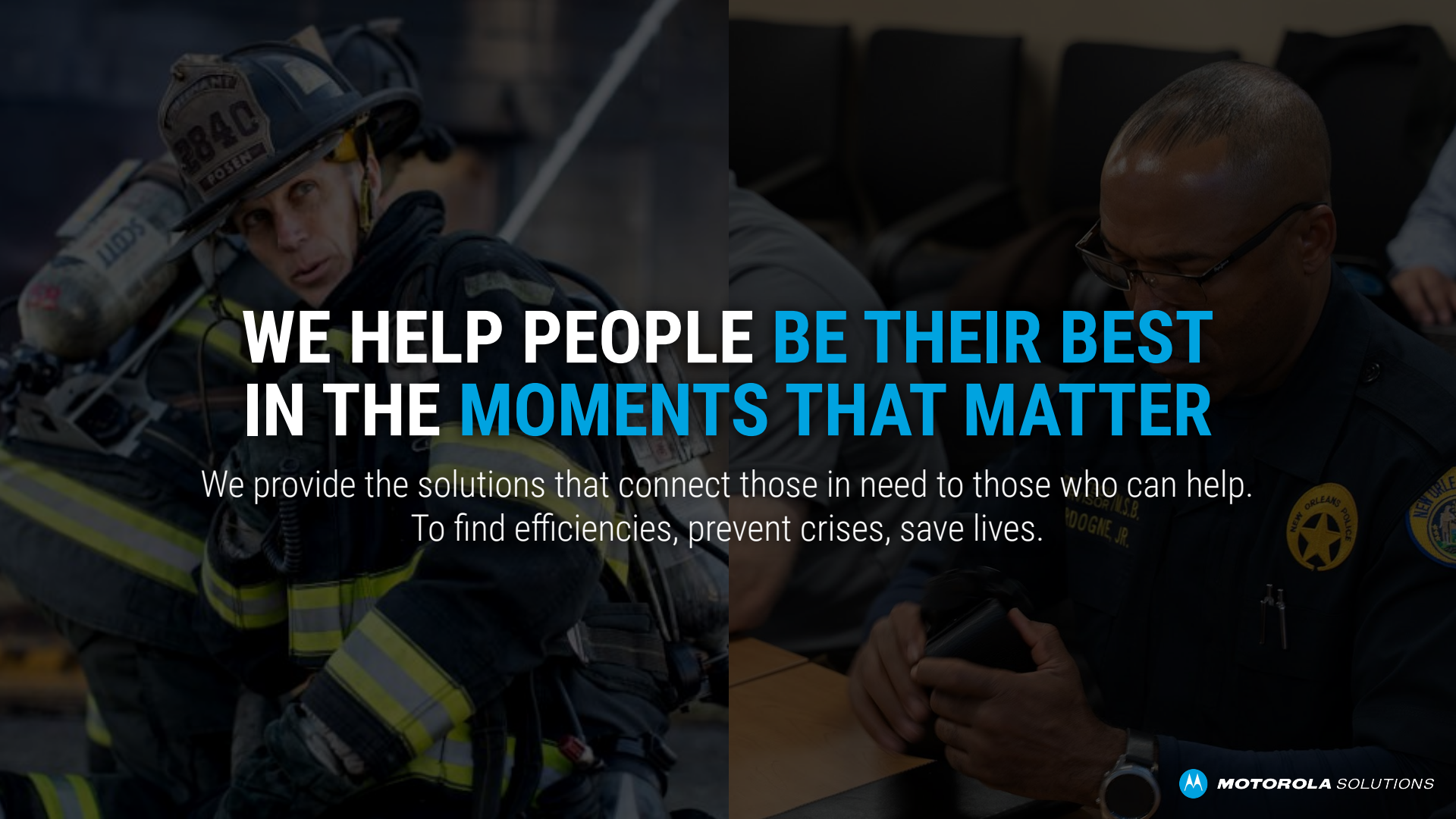
Introduction - 10:00

Laust Michaelsen
Senior Account Executive

WAVE PTX APPLICATIONS - 10:05

Dan Faulkner
WAVE PTX EMEA Sales Lead

Q&A - 10:25



WE HELP PEOPLE BE THEIR BEST IN THE MOMENTS THAT MATTER

We provide the solutions that connect those in need to those who can help.
To find efficiencies, prevent crises, save lives.

MOTOROLA SOLUTIONS

MISSION-CRITICAL ECOSYSTEM

TETRA
APCO P25
Digital Mobile Radio
Public Safety LTE Networks
Purpose-built Broadband Devices
Broadband Push-to-X
LMR/LTE Interoperability

Video Cameras, Recorders, Encoders
Body Worn Cameras
In-Car Video
Access Control
Unusual Motion Detection
Appearance Search
License Plate Recognition

Emergency Call Management
Voice and Computer Aided Dispatch
Command & Control
Field Response & Reporting
Records and Evidence Management
Analysis and Investigations
Community Engagement

24/7 Network Ops Management
Cybersecurity Monitoring
Service Continuity
Risk Management

Multi-technology Integration
Comprehensive Disaster Preparedness
Outcome-based Service Levels

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WAVE PTX APPLICATIONS

DEPLOYMENT OPTIONS

WAVE PTX (CLOUD)

Deployed in Microsoft Azure. Geo redundant, cloud secure

Access via subscription per user. No minimum users required

Minimal upfront investment required by customer

Subscription price includes all services & updates

Multiple LMR Interop options (MOTOTRBO, DIMETRA, ROIP)

API access for 3rd party developers

Carrier-independent broadband PTT to connect teams across different networks and devices

WAVE PTX (ON PREM)

Deployed on customer own network

Installed on physical or virtual infrastructure

Supports 200 - 3000 users

Medium/ Large Enterprise or Government customers

Options for geo redundancy

Multiple LMR Interop options (MOTOTRBO, DIMETRA, ROIP)

API access for 3rd party developers

Platform for private PTT & data deployments for medium/ large enterprises

CARRIER INTEGRATED

Platform for private and nationwide Mission Critical PTT (MCPTT)

Network-integrated

Carriers, Private Networks, and Governments

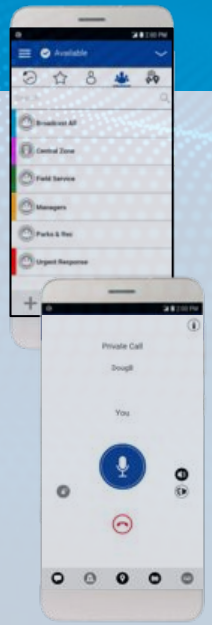
Path to MCPTT-compliance

Carrier-grade reliability/scalability

API access for 3rd party developers

Platform for private and nationwide Mission Critical PTT/data/video deployments

SOLUTION COMPONENTS



WAVE PTX MOBILE APP

TURN YOUR SMARTPHONE INTO A PTT HANDSET AND LET EVERYONE BE PART OF THE CONVERSATION.

Get the speed and simplicity of Push-to-Talk (PTT) communications with the ability to share multimedia information at the touch of a button.

- INSTANT PTT COMMUNICATION
- MULTIMEDIA MESSAGING
- LOCATION AND MAPPING

WAVE PTX DISPATCH

DISPATCH FROM ANYWHERE WITH AN INTERNET CONNECTION AND STANDARD WEB BROWSER

Stay connected to your teams and field personnel, wherever they are, with WAVE PTX Dispatch.

- WEB-BASED DISPATCHING
- MULTIMEDIA MESSAGING
- LOCATION AND MAPPING

WAVE PTX TLK RADIO

GET THE BENEFITS OF WAVE PTX AND A RUGGED TWO-WAY RADIO ON A EUROPE-WIDE NETWORK.

The WAVE PTX radios offer rugged, compact devices that can withstand everyday knocks and drops and combine 3G/4G and Wi-Fi® Connectivity to provide fast and reliable broadband PTT communications.

- EASY TO USE AND MANAGE
- BUILT FOR THE JOB
- EUROPE-WIDE PUSH-TO-TALK

All of these components are managed through the WAVE PTX Admin Portal

MSI BROADBAND PUSH TO TALK OVERVIEW

STANDARD (COLLABORATION)

- PTT Communications
- Text Messaging
- Location Services
- Photo & Video Sharing
- Real-Time Presence
- Voice Message Fallback

SAFEGUARD (COMMAND)

- Emergency Calling
- LMR Interoperability*
- Location Based Communication
- Ambient Listening
- Remote User Check
- Discreet Listening
- Enable/Disable

ADD ON OPTIONS

- Video Streaming

***LMR Interoperability options:**
WAVE PTX supports Donor Radio, MOTOTRBO IPSC, Capacity Plus, Capacity Max and DIMETRA Express

MOTOROLA SOLUTIONS

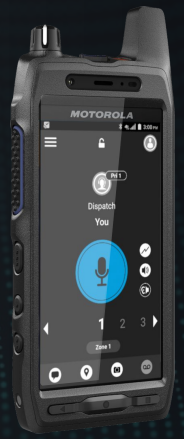
DEVICE POSITIONING

MOTOROLA SOLUTIONS

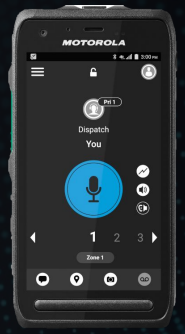
SPECIALISATION

BYOD

TLK 100 / TLK 150



EVOLVE



LEX L11

POSITIONING (LOW TO HIGH)

DEVICE POSITIONING

BYOD (BRING YOUR OWN DEVICE)

High availability (BYOD)

Multiple manufacturers

More choice

SPECIALISED DEVICE

Tested by MSI against WAVE PTX application

Multiple manufacturers

Lifecycle management of firmware versions

Specialist hardware support:

Hardware PTT button
Emergency button
Talkgroup selector
Background Mode

MOTOROLA SOLUTIONS DEVICES

Manufactured and tested by Motorola

Optimised for use with WAVE PTX

Rugged, durable enterprise-grade device

Battery life / replaceable battery

Loud audio

Specialist accessories

GCF certified

Dedicated PTT, emergency button, channel selector

Configuration managed via WAVE PTX Admin Portal: Features, Firmware

SPECIFIC USE CASE

VIDEO STREAMING

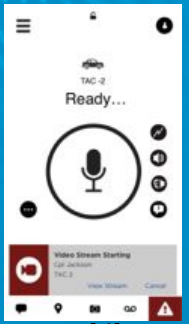
Challenge: Response team need a simple tool for instant video collaboration when at the incident site, either with other teams in the field or colleagues in the office. Traditional collaboration tools failed the simplicity test or weren't available on devices that fit with their challenging work environment.

Solution: Field teams were provided Evolve devices running the WAVE PTX Mobile Application with Video Streaming Addon.

Field team now have a video collaboration tool that fits with their existing workflows and is available whenever and wherever the collaborators are in the office, in the field.

Dispatcher

Video Stream



Mobile User

SPECIFIC USE CASE

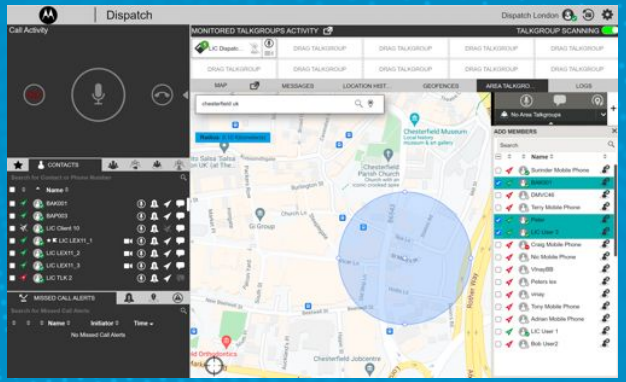
AREA TALKGROUPS

Challenge: Multiple users, using different devices, working in different teams need to be able to collaborate as part of a single workgroup for a specific incident happening on site

Solution: The WAVE PTX Dispatch client can use the Area Talkgroup feature. Simply define the area required on the map, and select the users that are required to be a member of the dynamic Area Talkgroup.

Users will automatically join the Area Talkgroup and can communicate with colleagues using all WAVE PTX features (PTT voice, multimedia messaging & video streaming)

WAVE PTX Dispatch (SafeGuard/ Command)



SPECIFIC USE CASE

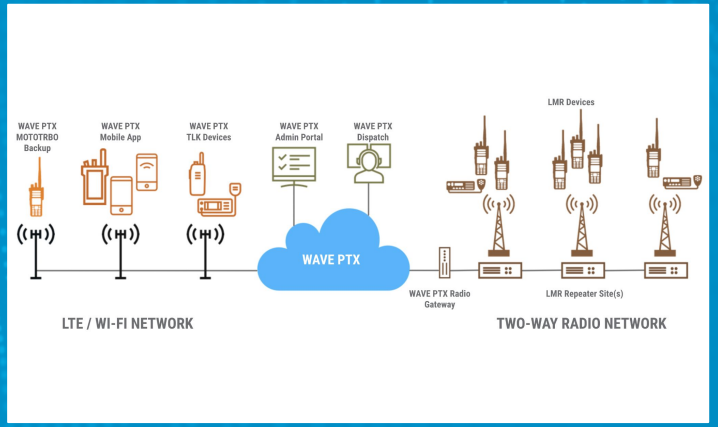
LMR INTEROPERABILITY

Challenge: The customer has a reliable and redundant LMR solution used for business critical voice communications. However they have new users (none radio users) who have a requirement to remain in constant communication with all colleagues.

Solution: The WAVE PTX Radio Gateway can be deployed to provide seamless interoperability between the Motorola LMR system and the WAVE PTX platform.

Users have the ability to initiate Private Calls or Group Calls which can include LMR users and/ or broadband users.

Deploying the WAVE Radio Gateway



CORE STRENGTHS

KEY SELLING POINTS

- Exceptional performance
- Multiple deployment options
- Embedded support services
- Feature rich
- Standards compliant
- Field proven, multiple reference customers in all deployments
- Strong MSI brand

CALL TO ACTION

WHAT DO WE WANT FROM YOU?

- Talk to your account manager about any opportunities
- Get familiar with the WAVE PTX portfolio
- Take advantage of free trial offer - 30 days use, no obligation

Thank You!

Questions & Answers

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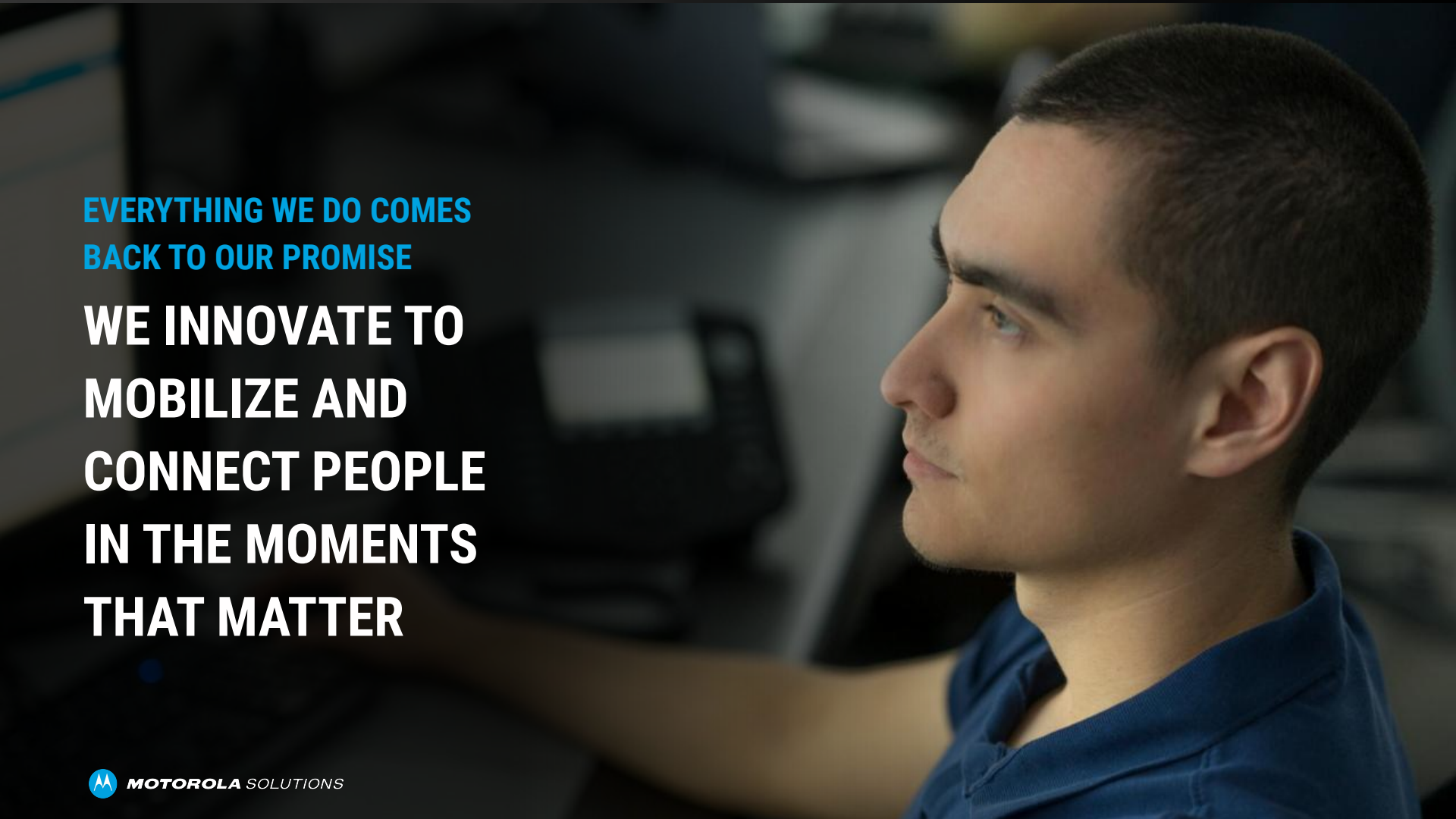
EVERYTHING WE DO COMES
BACK TO OUR PROMISE
WE INNOVATE TO
MOBILIZE AND
CONNECT PEOPLE
IN THE MOMENTS
THAT MATTER
MOTOROLA SOLUTIONS

NEXT IN NORDIC MOMENTS THAT MATTER

SEP 28TH 10:00 CEST

MXP600 & M-RADIO CONTROL APPLICATION

OCT 12TH 15:00 CEST

DEPLOYABLE LTE "TACTICAL BUBBLE" SOLUTIONS

Contact Anders Ljunggren : anders.ljunggren@motorolasolutions.com , or
Laust Michaelsen : laust.michaelsen@motorolasolutions.com , with topic suggestions, question or comments.

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PREVIOUS SESSIONS IN NORDIC MOMENTS THAT MATTER

- MAKE THE RADIO WORK FOR YOU - MXP600 ACCESSORIES
- VIDEO IN THE MISSION CRITICAL ECOSYSTEM
- TETRA AND MISSION CRITICAL BROADBAND ON COLLABORATION AND EVOLUTION
- THE CONNECTED FIRST RESPONDER
- NEXT GENERATION CONTROL ROOMS
- APPLIED BODY-WORN VIDEO
- VIDEO ANALYTICS, IT'S NOT ALWAYS ABOUT CAMERAS
- MANAGED SERVICES - NØDNETT UNWRAPPED
- WAVE PTX BROADBAND PTT & EVOLVE LTE HANDHELD
- CAD & CONTROL ROOM SOLUTIONS

REPLAYS AVAILABLE ON THE NORDIC MOMENTS THAT MATTER WEBSITE

https://www.motorolasolutions.com/en_xu/communications/nordic_moments.html

Hosted by Laust Michaelsen and Anders Ljunggren

Operated by Amanda Clifford

Design, production and promotion by Matthew Hetherington, Oliver Zuber and Jerry Nachmann

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