TOMORROW'S TECHNOLOGY TODAY
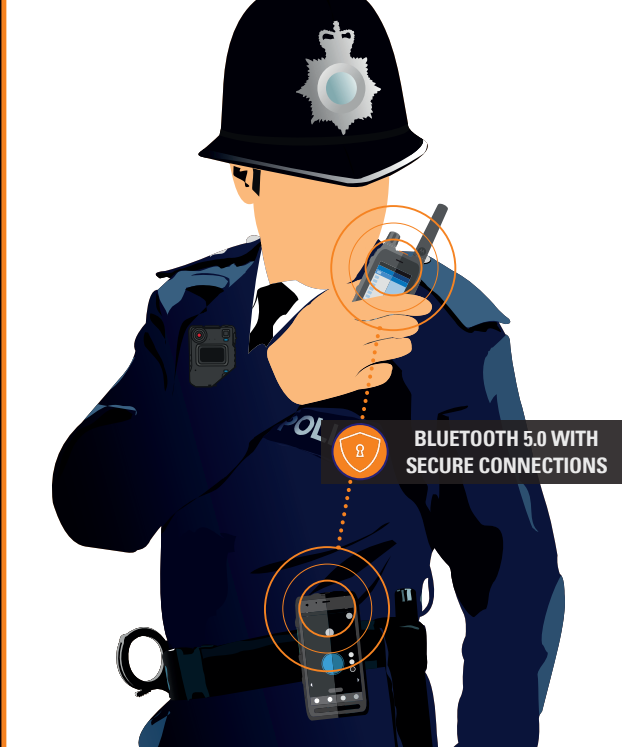
ESN IS COMING. FUTURE-PROOF YOUR CRITICAL COMMUNICATIONS WITH THE MXP600 TETRA RADIO

ESN WILL REPLACE THE CURRENT AIRWAVE TETRA SYSTEM, PROVIDING AN INTEGRATED CRITICAL VOICE AND BROADBAND DATA COMMUNICATIONS SERVICE FOR THE EMERGENCY SERVICES IN GREAT BRITAIN OVER AN LTE NETWORK.

A fundamental requirement of mission-critical communications is device-to-device (D2D) communication - a mode of operation that is essential in situations where there is no network coverage. It is the long-term goal for ESN to use a standards-based D2D solution which is analogous to Airwave TETRA Direct Mode Operation (DMO).

With ESN fast approaching, you might be weighing up the business case for refreshing your ageing fleet of Airwave radios. On the one hand, investing today in new TETRA devices offers the benefits of reliable operation and improved safety for frontline officers. On the other hand, there's the potential risk of a low return on that investment if the transition to ESN renders your newly acquired TETRA devices obsolete. With the new MXP600 TETRA radio, however, you can maximise your investment by repurposing the terminal to operate with your ESN device.

MOTOROLA SOLUTIONS

VALUE THE BENEFITS, NOW AND TOMORROW

To enable a smooth transition, the MXP600 has been designed to support two modes of operation when connected with an ESN device:

- MXP600 will act as a wireless remote speaker microphone coupled to an ESN device.
- MXP600 will provide a D2D mode of operation for off-network communications.

ESN will place new workflow demands on officers who have been accustomed to operating their TETRA radios for years. By coupling the MXP600 with your ESN device, the training effort for your frontline teams is minimised - the MXP600 continues to offer a familiar interface for controls such as PTT, volume and talkgroup change.

BLUETOOTH 5.0 WITH SECURE CONNECTIONS

EASING THE ADOPTION OF ESN

THE COMPACT, RUGGED MXP600 PORTABLE RADIO IS A DEPENDABLE LIFELINE FOR THE FRONTLINE. ITS LARGE, LOGICAL CONTROLS ARE INSTANTLY FAMILIAR TO AIRWAVE TETRA RADIO USERS. CLASS-LEADING POWER OUTPUT, LOUD AND CLEAR AUDIO AND LONG BATTERY LIFE PUT THE MXP600 AHEAD OF OTHER RADIOS.

At a touch the MXP600 pairs wirelessly with ESN devices, using Bluetooth 5.0 with Secure Connections and the military-grade Advanced Encryption Standard (AES) algorithm with 128-bit key length for exceptional security. Additionally, when operating as an RSM to your ESN device, the MXP600 will support High Definition voice, ensuring exceptional clarity for voice communications over the LTE network.

Pairing the MXP600 with ESN devices allows officers to accomplish tasks with a user interface that feels most natural to them. The ESN device user interface will be well suited to deep interactions with workflow applications and services – such as electronic notebooks and digital policing apps. It is complemented by the shoulder-mounted MXP600 that is optimised for instinctive interactions associated with mission-critical voice communications.

Find out how the MXP600 TETRA radio delivers frontline safety today and tomorrow:
www.motorolasolutions.com/MXP600

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