



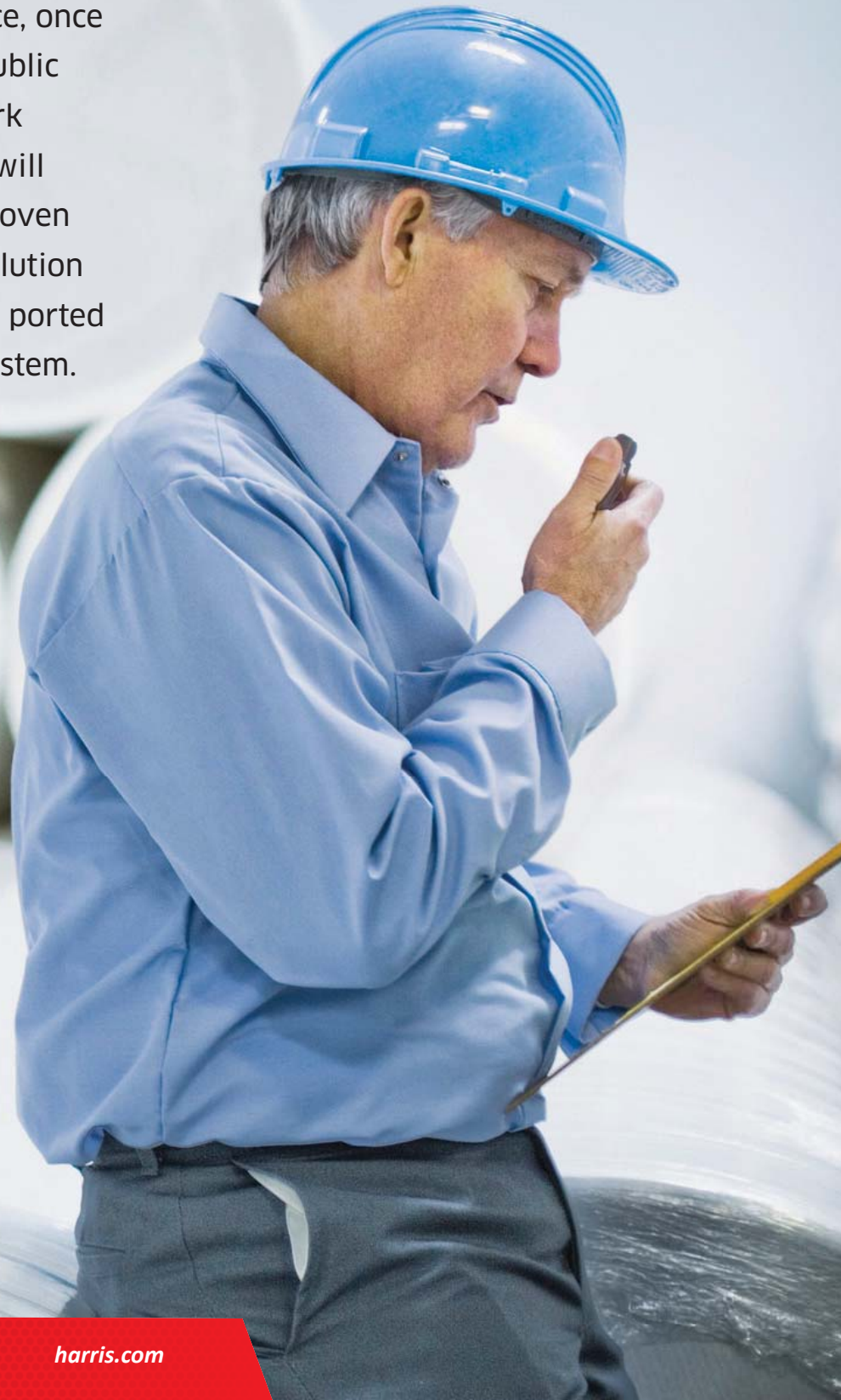
Extending Critical Communications

BEON® MOBILE APPLICATION





With BeOn in place, once the nationwide public safety LTE network is built, agencies will already have a proven and tested PTT solution that can easily be ported to the new LTE system.



Empowering radio systems with the technology of today

For decades Land Mobile Radio (LMR) systems have been the only reliable medium for Push-to-Talk (PTT) communications for public safety and professional agencies. LMR systems remain a preferred choice for reliable public safety grade group communications. Although, with the growing popularity of cellular networks and broadband data networks, traditional radio users now have an option to extend their PTT communications beyond a regional voice centric radio system. Agencies can now extend their PTT communications to a nationwide cellular network footprint while leveraging the broadband data network to greatly expand functionality.

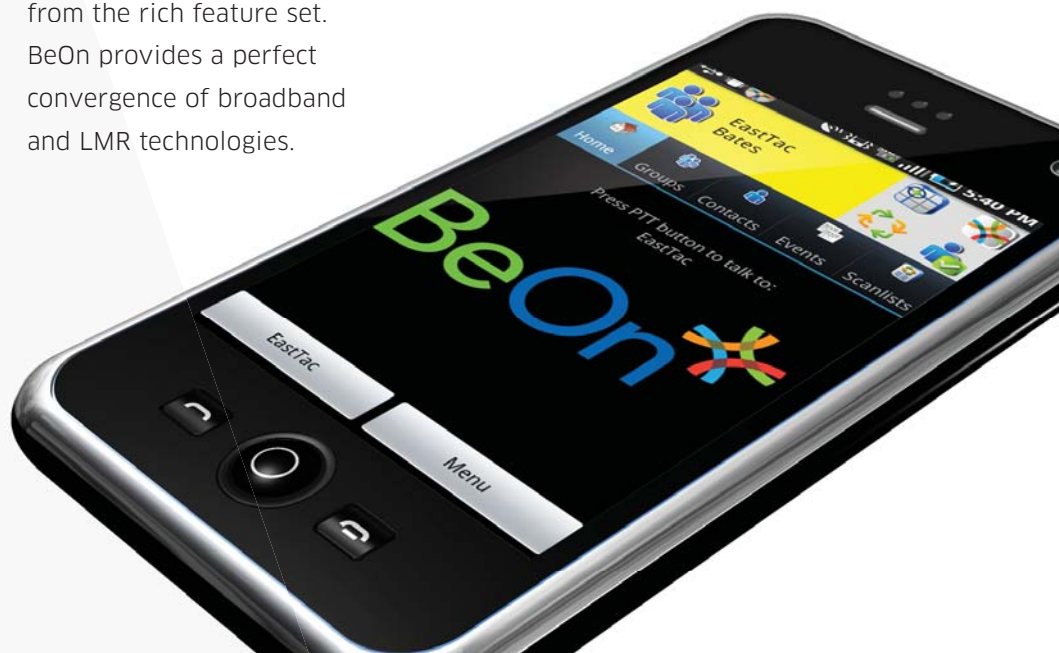
BeOn is a next generation platform that is built from the ground up to be tightly integrated with P25 radio systems supporting key P25 features such as the P25 codec, encryption, ability to declare and sense P25 emergency states, P25 group scanning, preemption and much more. BeOn builds on the P25 functionality while leveraging available broadband data networks to deliver advanced features such as presence states,

geographic mapping, and other situational awareness features. In addition the tightly integrated design avoids gateways and transcoding which equates to unsurpassed voice quality and PTT performance. BeOn consists of a server that is coupled to the backbone of the P25 system with access to the broadband network as well as an intuitive "App" that is installed on broadband smartphones.

BeOn has been designed to leverage any type of broadband network including 3G, 4G, Wi-Fi or LTE networks such as FirstNet. In addition, it is cellular carrier agnostic so users may use a combination of cellular carriers located anywhere in the world (with adequate data coverage) while continuing to benefit from the rich feature set. BeOn provides a perfect convergence of broadband and LMR technologies.

BEON PROVIDES:

- » Instantaneous group communications between your P25 system and any broadband network.
- » Integrated voice, text messaging and location services.
- » Multi platform support. App versions designed to support smart phones, tablet style PCs as well as Windows laptops and PCs.
- » A platform to expand to advanced situational awareness applications.
- » Extend your regional P25 communications to a nationwide footprint.
- » An outstanding low cost communication platform for some of your user groups.



BeOn Subscriber Feature Highlights

BENEFITS

BeOn provides agencies the flexibility to go beyond traditional LMR systems, for improved PTT communications, while:

- » Saving time, money, and labor.
- » Leveraging existing commercial networks for quick deployment.
- » Utilizing your smartphones, on your cellular network of choice.
- » Assuring the same user experience of radio systems.
- » Bridging the gap between technologies of today and future.

GROUP AND INDIVIDUAL VOICE CALLS

- » Group and individual calls with users on BeOn system and LMR networks
- » Shared caller ID and alias across BeOn and P25 systems
- » Encrypted and non-encrypted calls
- » Acknowledged and unacknowledged P25 individual calls

EMERGENCY/DISTRESS INDICATION

- » Initiate emergency call and indicate distress situation to all other users
- » Audio-visual emergency alert
- » Highest system level priority for emergency calls
- » Geographic location of distressed user
- » Clear emergencies from a dispatch console or supervisor device

DEVICE CALL LOGGING AND INSTANT RECALL

- » Temporarily record all incoming and outgoing calls on the device
- » Replay missed calls
- » Maintain “Events log” and display group calls in a “conversation view”

SITUATIONAL AWARENESS

- » **Group Location** – GPS coordinates and mapped location of group members
- » **User Presence Indication** – Set user status and display to other members:
 - Available
 - Silent/Covert
 - Emergency/Distressed
 - Unavailable/Busy
- » **Streaming Video** – Send real time streaming video to and from devices in the field

PRIORITY AND PREEMPTION

- » Multi-level call prioritization and pre-emption throughout network
- » Queue and pre-empt calls based on priority levels

INHERENT INTEROPERABILITY

- » Seamlessly interoperate with P25, OpenSky and other LMR Systems
- » Bridging the LMR systems of present to broadband technologies, such as LTE, of the future

OTHER FEATURES

- » Announcement Group Calls
- » Late Call Entry
- » Talkgroup Scanning
- » Console Patch and Simulselect



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