Disruptive trends in public safety technology
May 23, 2017 | Lakewood WA

PHONE TECHNOLOGY: WHERE IT’S BEEN AND FUTURE DEVELOPMENTS
Technology Is Transforming Public Safety

FirstNet Next Generation First Responder Network
Reliable, scalable, nationwide broadband network dedicated to public safety communications.

LMR to LTE PTT Interoperability
Expanding mission critical communications with augmented LTE broadband applications and technology.

Mission Critical Handsets & Equipment
Robust, ultra-tough communications hardware that works when public safety needs it the most.

Interconnected Smart Communities
Enabling real-time situational awareness, coordination and collaboration for public safety.
Ultra Rugged Mission Critical Standards

- Dedicated PTT Button
- Modular Attachments
- Waterproof
- Extreme Temp
- Glove Touch Screen
- LTE Chipset B14 Enabled
- Shock-Pressure-Puncture Resistant
- Loud Speaker
- Battery/Power
- Dust Proof
- Resistant to Chemicals
Public Safety COTS Convergence

- **Consumer**
  Smartphone, Tablets, Laptops

- **Consumer B14 Durable**
  Smartphone, Tablets, Laptops

- **Mission Critical IoT**
  B14 compatible IoT, In-vehicle, Routers

- **Mission Critical**
  B14 LTE Handsets, Tablets, Laptops, LMR Radios
Key To Public Safety Communications Equipment

**Ultra-Rugged**
- Device & accessories for use in extreme, loud, hazardous, & isolated environments
- Built-in safeguards for worker protection

**Ultra-Secure**
- Secure Android data and applications platform for industrial/enterprise verticals
- Classified and non-classified security levels for Public Safety, Defense, & Enterprise

**Mission Critical**
- Designed for unrestricted field mobility, productivity, & communication
- Mission specific features on device
- Comprehensive industry specific solutions including device, accessories, applications & services

**Open Platform**
- Built on Android and customizable via powerful Sonim SDKs/APIs & 3rd party apps
- Hardware customization via unique add-on 3rd party accessories
The next generation mobile services in a hyper-connected world

Devices aware of the user and surroundings, connecting our digital and physical worlds

- **Discovers**
  - Things relevant to you
- **Senses**
  - Your environment and motion
- **Learns**
  - Your Preferences
- **Filters**
  - For things relevant to you
- **Knows**
  - You and what’s around you
- **Interacts**
  - With your surroundings
Connected 1st Responder Ecosystem

DETECTION

PROTECTION

INSPECTION

WEARABLES

SECURE
Next Generation

A Powerful Technology Platform

- Advances in Connected Modules
- Situational Awareness Hub
- Augmented Reality
- Biometrics
- Personal Area Networks
- LTE direct – ProSe
- Narrowband Direct Mode

The future of firefighting - A HMD-AR UI concept for first responders
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ANTHONY MARTWICK
SVP CORPORATE STRATEGY – PUBLIC SAFETY
SONIM TECHNOLOGIES, INC.
E: A.MARTWICK@SONIMTECH.COM
C: +1-650-288-7373

www.sonimtech.com/publicsafety/
@sonimtechps