

Location Determination & Accelerating NG9-1-1

Emergency Networks Approach to Addressing the
Challenges



Emergency Networks

Emergency Networks

- The company, core competencies, key staff
- Company differentiators
- Current status



Meeting Goals

- Front-burner challenges
- Service roadmap
- Challenges we've encountered
- Feedback on our technical approach
- Feedback on any potential regulatory issues
- Re-engaging with the Bureau
- Other topics on your mind



Challenge Set I – Device Location

- Location accuracy
- Location determination for IP-only devices
 - Routing vs. Dispatch
- PSAP confidence
- PSAP acceptance
 - Certification
 - Open API for App developers
- Standards-based



Challenge Set 2 – Accelerating NG9-1-1

- Cost to the 9-1-1 Authority
- Reluctance of OSPs to migrate



Emergency Networks Requests that the following information be kept confidential and not available for public inspection pursuant to 47 C.F.R. Sec. 0.457. Emergency Networks considers this information to include trade secrets and highly sensitive competitive commercial and financial information that is nit routinely made available to the public.

SERVICE AND BUSINESS MODEL



OTT Mobile 911



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Our Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Our Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Our Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Our Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

NG911 Acceleration



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Phase IA – Forest Guide*



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Phase I B – Nationwide ESRP



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Proposed Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Proposed Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Phase 2– PSAP Migration



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Phase 2– PSAP Migration



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Our Solution



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Regulatory Discussion



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Functional Element Building Blocks



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

Common to all Functional Elements



Emergency Networks

Confidential Information Not Available for Public Inspection Pursuant to 47 C.R.F. sec. 0.457 and 0.459

This concludes the section emergency Networks has indicated is confidential



Re-engaging with the Bureau

- Contributions to future proceedings
- Next steps in 9-1-1 App developers?
- Next steps in certification and labeling program?
- Location Accuracy Trial





**QUESTIONS? OTHER
TOPICS?**

