

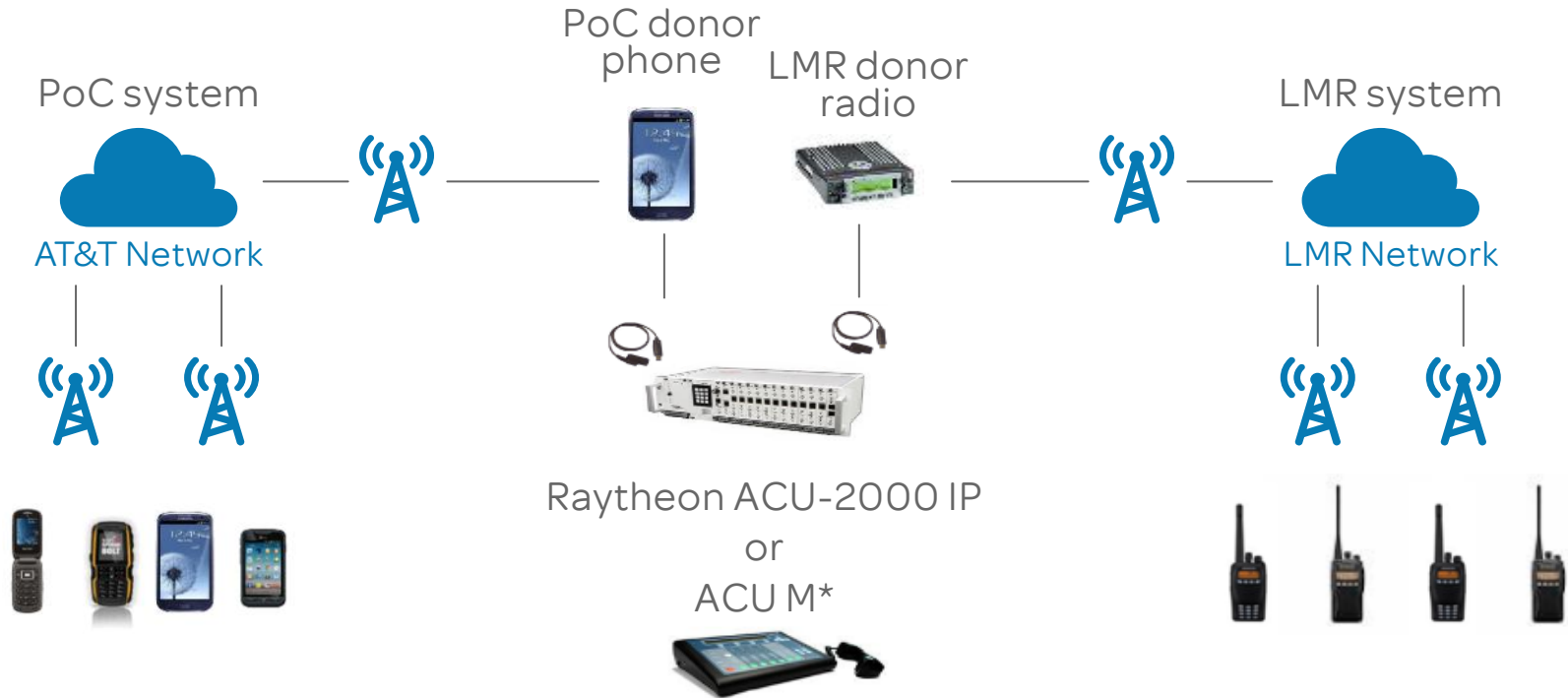
## AT&T Enhanced PTT Interoperability – Customer Benefits

- AT&T Enhanced PTT Interoperability allows customers to:
  - Preserve capital investment of radios and AT&T EPTT phone networks by linking them together
  - Extends coverage between radios and AT&TEPTT phones to the entire ATT nationwide network.
  - Improved productivity and response time with existing radio and AT&T EPTT work groups communicating.
  - Existing smart phone users can now access radio talk groups.
- Works with the industry-leading Raytheon ACU solution\*
  - ACU-2000 IP/ACU-M Benefits/Features:
    - Connects SIP VoIP devices to radios
    - Two-way radio users have access to features that have traditionally been available only to telephone users, including the ability to directly call telephone extensions, call forwarding, call logging and call recording
    - Control a large interoperability system via IP
    - Connect radio systems at multiple sites across an IP network
    - Remotely change radio channel or frequency over IP
    - Distributed network design ensures continuity of local operations in the event of network failure

\* Raytheon equipment not available from AT&T



# AT&T EPTT & LMR Interoperability Sample Architecture



\* Raytheon equipment not available from AT&T



# AT&T Enhanced PTT Interoperability Solution Components

- AT&T Enhanced PTT Interop service (\$30 per month)
- Samsung Galaxy S III smartphone with AT&T Enhanced PTT service, and applicable wireless data plan SOC for donor phone (EPTTINTOP)
- Power supply for each donor phone cable: "Regulated" 12V DC 100ma 2.5mm type N pin, center positive
- Raytheon ACU-2000 or ACU-M and interface cabling (sold separately via Raytheon dealer)

Raytheon Authorized Dealers provide consultation, professional services and hardware components:

LMR Donor Radio



Interface cable



Interoperability device



Raytheon ACU-200IP

Interface cable



Interface cable



or  
Raytheon ACU-M



Interface cable



AT&T provides

AT&T Donor Device

Samsung  
Galaxy S III



# Interoperability – Next Steps

AT&T has identified a national network of local Raytheon Dealers that are expert consulting, installation, setup and system long term support of interoperability solutions

To help us find the right dealer partners to work with you, we need to know:

- Who currently provides Radio and Interoperability support to you to you?
- What type of radio system do you have (manufacturer & technology)?
  - ❑ Is it trunking?
- How many radio system channels/talk groups do you want to interface to AT&T's Enhanced PTT? For each talk group, one donor radio and one donor phone is required . The ACU 2001P handles six talk groups. The ACU-M handles 2 talk groups.
- With which model radio(s) will we need to interface? (i.e.; Motorola XTL-5000, Kenwood TK-50, etc.)
- Where is the equipment physically installed? (It is critical that they install where they have coverage from both AT&T and their radio system! Many times these systems are installed in a basement or in a closet)

