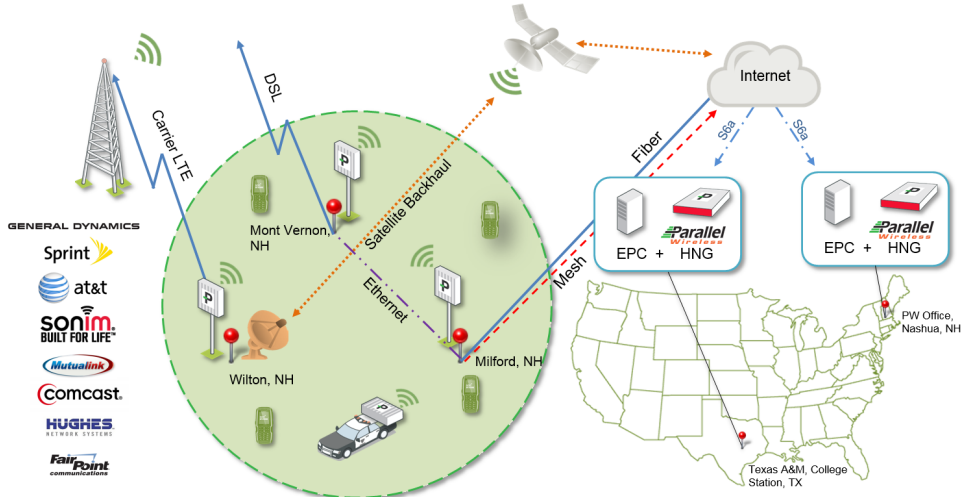


# Control, Coverage, and Resilience for Public Safety LTE Networks Today and Tomorrow



- GENERAL DYNAMICS
- Sprint
- at&t
- SONIM BUILT FOR LIFE
- Motuslink
- comcast
- HUGHES NETWORK SYSTEMS
- FairPoint communications

- *MACC (Milford Area Communications Center) Base Public Safety LTE field trial in NH, US operated under FCC Special Temporary Authorization for LTE Band 14 and demonstrated easy to install and maintain resilient public safety HetNet in rural US.*
- *MACC base personnel benefited from resilient voice and data in-building and remote coverage enabled by intelligently orchestrated fixed & in-vehicle small cells with LMR/PMR interoperability*

**Backhaul Flexibility**

Unique in-vehicle or specialized small cell communications hub with integrated 3G/4G/Wi-Fi access & flexible backhaul in the same form factor.

**Interoperability**

HetNet Gateway (HNG) works with any vendor small cells and EPC, provides LTE and/or LMR connectivity through LMR gateway, and works with any carrier.

**Network Resilience**

Flexible backhaul provides many options in case primary fails while HNG dynamically re-routes traffic in case of failures. Local EPC can be deployed and take over in emergencies.

**Bring Your Own Coverage (BYOC)**

BYOC capability on the in-vehicle small cell extends the macro coverage or enables instant ad hoc "coverage bubbles" to provide coverage to backhaul-challenged areas

**Public Safety LTE in NH trials Parallel Wireless' mesh-enabled intelligently orchestrated mobile/fixed small cells**

<http://goo.gl/1rsvBn>



<http://scf.io/case/017>