

GroomerII – Next generation 9-1-1

The public safety division of a large national carrier in the United States tenders for next generation 9-1-1 (NG9-1-1) emergency services solutions, to public safety authorities in state and county jurisdictions nationwide. To meet the needs of that marketplace, Aculab implemented several important enhancements to its GroomerII gateway.



Results

Using Aculab's GroomerII gateway, the carrier was able to:

- Gain a competitive edge for its NG9-1-1 solution with unique, market leading features
- Implement solutions that are compliant with the i3 standard from the National Emergency Number Association (NENA) for a Legacy Network Gateway (LNG)
- Deploy resilient and reliable, high capacity solutions to interwork public safety calls between SS7-based wired and wireless networks and SIP-based emergency services inter-networks (ESInets)
- Cost-effectively route emergency calls towards the appropriate public safety answering point (PSAP) on the ESInet

Solution

Through the market led evolution of functionality, targeted at the NG9-1-1 marketplace in the United States, Aculab's GroomerII gateway delivered SIP traffic and media payload balancing, SIP call failover and SIP call recovery towards multiple endpoints (LNG functional elements) at the edge of the ESInet.