GroomerII

Emergency services solution

Cincinnati Bell Telephone (CBT), a prominent regional operating company in the United States, needed an SS7-to-SIP gateway as part of its solution to integrate IP-based next generation 9-1-1 emergency services capabilities for its constituent municipalities.

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The results

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

- Implement a solution that would be compliant with the then emerging i3 standards from the National Emergency Number Association (NENA)
- Deliver highly reliable, robust emergency communications, in a seamless transition to IP-based technology
- Route and transfer calls across traditional public safety answering point (PSAP) serving area boundaries
- Handle large volumes of public safety emergency call traffic

The solution

After extensive trials in a select number of PSAP centres, "CBT's NG9-1-1 ESInet" solution was deployed, with IP selective routers and other specialised elements from microDATA. Multiple GroomerIIs were installed, in a redundant configuration, to interwork between SS7 and "microDATA's XSRs" using the SIP protocol.

About Aculab

Aculab is an innovative company that offers deployment proven technology for any telecoms related application. Its enabling technology serves the evolving needs of automated and interactive systems, whether on-premise, data centre hosted, or cloud-based.

Over 1000 customers in more than 80 countries worldwide, including developers, integrators, and solutions and service providers, have adopted Aculab's technology for a wide variety of business critical services and solutions.

Aculab offers development APIs for voice, data, fax and SMS, on hardware, software and cloud-based platforms, giving a choice between capital investment and cost-effective, 'pay as you go' alternatives.

For more information

To learn more about Aculab Cloud and Aculab's extensive telephony solutions visit:

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