NENA ICE 6 - 11/9-14/2014
Hosted by: IIT
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ICE 6 was focused on end-to-end NENA NG9-1-1 architecture functionality, interaction between vendor elements, and interoperability testing. Past ICE events leveraged elements which make up the end-to-end architecture. However, within each of those events we were focused on particular interfaces or facets of i3. With ICE 6, we validated the most critical components and new features along the path, combined with a hierarchy and a State level deployment scenario.

Bilateral Tests		
Number of planned iterations	692	
Completed	219	32%
Group Tests		
Number of planned iterations	5	
Completed	5	100%
Complex Test Results		
Number of planned iterations	73	
Completed	55	75%
Total Number of complex test/iterations	**73**	
Total Number of complex test/iterations completed	**55**	**75%**

EVENT FIRSTS

- This was the first time at ICE that an ESRP hierarchy was tested. Previous events used only one ESRP, where at ICE 6, we used two – a regional ESRP, and a county ESRP. This was done for each and every test run. This is a notable first for ICE, since it helped expose some issues in the i3 architecture, regarding call setup times and the possibility for loops that cannot be avoided.
- ICE 6 is also the first time complex geodetic shapes (like Circles, Ellipses, ArcBands, and Polygons) were used in conjunction with the kinds of calls enumerated. (Basic audio calls at ICE 3 and 4 were completed, but no video, much less queue state and conferencing.) This was the first time that these kinds of shapes were used with an ESRP hierarchy as well (the multilevel Regional and County ESRPs that were set up). This is the first time that we tested what occurs when geodetic shapes overlap ECRF coverage regions.
- Tested Policy Routing Function using Queue state events.
- Tested PSAP fail-over.
- Conferencing
- End to end with ECRF hierarchy
- Over the top video from the internet
- QoS (Quality of Service)