

### **Anritsu Test Solutions Used by Andrew Seybold, Inc. to Test San Francisco Bay Area LTE Public Safety Network**

*— LMR Master™, BTS Master™, and Link Master™ Part of Real-World Testing of Project Cornerstone, Precursor of 700 MHz LTE Network Planned for Bay Area —*

**Morgan Hill, CA – September 2011** – Anritsu Company announces that its LMR Master S412E compact handheld multi-function analyzer, BTS Master MT8222B base station analyzer, and Link Master Air Interface Optimization Tools were used by Andrew Seybold, Inc. as part of the consultant's real-world testing of Project Cornerstone, the first public safety broadband network in the San Francisco Bay area. The tests were conducted to determine the effectiveness of the network in the event of emergencies requiring police, fire, EMS and other public safety personnel.

“Anritsu has been at the forefront of developing test solutions for the public safety broadband market,” said David Witkowski, Anritsu Product Manager. “Ensuring the successful deployment, installation, and operation of public safety networks is part of our commitment. When we were approached to be part of this project, we immediately agreed, as we understand the importance of these evaluations.”

“We would like to thank Anritsu, as well as all the participating companies, for its support and assistance,” said Andrew Seybold. “We share a deep commitment to ensuring the public safety community has all the tools it needs to better serve all of us.”

The tests conducted were based on real-world incidents that are typical in both metro and suburban areas. The number of first responder personnel assigned to each scenario and their functions at the respective incident and in the command center were vetted by many within the public safety community. In reality, the number of first responders assigned to the incidents for the tests represents a conservative set of personnel on the scene.

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As a result of the in-depth testing, Andrew Seybold, Inc., concluded that the proposed allocation for 10 MHz of spectrum in the 700 MHz *Public Safety Spectrum Trust* for exclusive use by public safety would not be sufficient to meet real world needs on a daily basis. Utilizing Anritsu's industry-leading public-safety LTE test equipment, Anritsu engineers monitored, recorded, and mapped the amount and quality of both the uplink and downlink traffic being generated on the LTE network during the tests.

The East Bay Regional Communications System Authority, in partnership with the Bay Area Urban Area Security Initiative (UASI), developed Project Cornerstone as a proof of concept for the larger LTE network planned for the Bay Area. The methodology and test results were presented in a formal report that will be submitted to the Federal Communications Commission (FCC).

### **About Andrew Seybold, Inc.**

Andrew Seybold, Inc. is dedicated to solving client challenges through strategic consulting, client-specific research and analysis, publications, speaking engagements and educational programs. Company founder Andrew M. Seybold and his partners provide deep technology and business expertise, proven best practices and long-established relationships with industry leaders. Mr. Seybold is highly regarded for his *COMMENTARY*, *TELL IT LIKE IT IS*, and *Public Safety Advocate* e-newsletters and the Andrew Seybold Wireless University. For more information or to read the report, visit [www.andrewseybold.com](http://www.andrewseybold.com).

### **About Anritsu**

Anritsu Company ([www.anritsu.com](http://www.anritsu.com)) is the American subsidiary of Anritsu Corporation, a global provider of innovative communications test and measurement solutions for more than 110 years. Anritsu provides solutions for existing and next-generation wired and wireless communication systems and operators. Anritsu products include wireless, optical, microwave/RF, and digital instruments as well as operations support systems for R&D, manufacturing, installation, and maintenance. Anritsu also provides precision microwave/RF components, optical devices, and high-speed electrical devices for communication products and systems. With offices throughout the world, Anritsu sells in over 90 countries with approximately 4,000 employees.

To learn more visit [www.anritsu.com](http://www.anritsu.com).

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