



## **SAIC Licensed by the FCC to Test Mobile 4.9GHz Solutions**

November 23, 2004

(San Diego) -- Science Applications International Corporation's (SAIC) Telecom Services Business Unit today announced that it has been granted a new experimental license from the Federal Communications Commission (FCC) to test fixed and mobile experimental wireless networks and client devices at 4.9 GHz.

This experimental license allows the company to conduct multi-city trials of new low cost solutions for public-sector metropolitan area networks (MANs) using technologies in the new, exclusive-use 4.9 GHz public safety band. This band is of great interest to many cities for prioritized voice, Voice over Internet Protocol (VoIP) and user terminal traffic, digitized surveillance and incident-scene video, with concurrent capacity for hazard-sensor telemetry, traffic controller and emergency call boxes.

Cities have seen the successes of the Institute of Electrical and Electronics Engineers (IEEE) 802.11a/b/g and the emerging 802.16d/e standards and products, through the interoperability assurance of the WiFi and WiMAX consortia. Standardization of mesh network protocols, as in the draft 802.11s also is proceeding in concert with open solutions for the new band.

By adopting these standards and products for the 4.9GHz band, the public sector stands to benefit from low cost outdoor-rated infrastructure equipment adapted for the 4.9GHz band while still preserving the benefits of standards-based air protocols and high volume chipsets. It also makes feasible the blanketing of cities with multi-megabit service for a long-lived wireless system with plenty of capacity reserves for growth. This, in turn, can benefit the public through improved safety, security and reduced leased-line costs to the cities.

Traditional land mobile radio (VHF/UHF) based systems, which are moving toward improved interoperability among agencies, continue to be the lifeline for voice and low speed data. SAIC also is a key national scale contributor to work in this important area. With this new 4.9GHz license, SAIC is expanding its work in pilot projects and proof of concept on behalf of many current and future public sector customers.

### **Additional Information:**

Visit SAIC's Wireless and Telecommunications sections to learn more about our capabilities in these areas.

SAIC is the largest employee-owned research and engineering company in the United States, providing information technology, systems integration and eSolutions to commercial and government customers. From science to solutions, SAIC engineers and scientists work to solve complex technical problems in national and homeland security, energy, the environment, space, telecommunications, health care and logistics. More information about SAIC can be found at [www.saic.com](http://www.saic.com).

Statements in this announcement other than historical data and information constitute forward-looking statements that involve risks and uncertainties. A number of factors could cause our actual results, performance, achievements or industry results to be very different from the results, performance or achievements expressed or implied by such forward-looking statements. Some of these factors include, but are not limited to, the risk factors set forth in the Company's Annual Report on Form 10-K for the period ended January 31, 2004, and such other filings that the Company makes with the SEC from time to time. Due to such uncertainties and risks, readers are cautioned not to place undue reliance on such forward-looking statements, which speak only as of the date hereof.

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