

## Booz Allen Hamilton Chooses OPNET for SAFECOM Public Safety Program



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The Department of Homeland Security's SAFECOM program was established to improve public safety response through effective interoperable wireless communications. Booz Allen Hamilton (BAH) was commissioned by SAFECOM to conduct an independent study of public safety communications in the spectrum located around the upper 700 MHz and 4.9 GHz bands.

BAH relies on OPNET Modeler to simulate a network of numerous public safety responders communicating in a variety of environments. In part, the study will evaluate the viability of emerging wireless technologies such as WiMAX (802.16-2004), Mobile WiMAX (802.16e), 802.11s, 802.11j, and mobile ad-hoc routing protocols, to support reliable operation in emergency situations. BAH's customized wireless protocol models are built from OPNET's open-source model library to rapidly assess protocol performance. Study results will contribute to the development of standards for public safety wireless systems.

**"BAH has been using OPNET products for over 10 years. The BAH SAFECOM team unanimously selected OPNET because of its proven track record and the unmatched fidelity of its products, which are paramount considerations for matters of public safety."**

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