

## IkeNet 3: Communication Impacts on Command and Control

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### ABSTRACT:

Technology has changed communication in the military. E-mail allows asynchronous communication, allowing a more efficient balance of workload among those communicating. The BlackBerry places this technology in the palm of the hand. Soldiers can use BlackBerrys to communicate wherever there is an adequate signal. This project investigates how enhanced communication power improves the responsiveness of a regimental chain of command at the U.S. Military Academy. Impacts on planning and situational awareness are also addressed. A network of communication between key leaders in an organization is also developed and analyzed to see how often intermediate leaders are skipped during the execution phase of plans.

**KEYWORDS:** network science, network statistics, command and control, communication, blackberry, social network analysis

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