



U.S. ARMY

# System of Systems Integration (SoSI) Directorate Synchronized Fielding



## **Synchronized Fielding:**

Synchronized Fielding is the output of the Agile Process. Synchronized Fielding takes prototype designs that have proven technical and operational merit during the NIE and matures them into producible products while ensuring final system integration and sustainment plans prior to fielding a Capability Set to an operational unit. The Army's System of Systems Integration Directorate is synchronizing the implementation and fielding of a fully integrated capability set (entitled Capability Set 13 or CS13) to as many as eight Brigade Combat Teams beginning in fiscal year 2013.



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## SoSI Synchronized Fielding

- CS13 is composed of vehicles, network components, and associated equipment and software that, for the first time, deliver an integrated voice and data capability throughout the Brigade Combat Team. CS13 will field a 'Bridge' network architecture based on a hybrid integration of satellite-based communications and terrestrial networking radios. The CS13-fielded 'Bridge' network solutions will provide a baseline network solution until the Army's objective networking radio hardware and waveforms are ready for implementation.
- A laboratory "Federation" comprised of Army assessment, development and integration laboratories at Aberdeen Proving Ground, Maryland and the Detroit Arsenal, Warren, Michigan, will support the integration, verification and development of the final Capability Set solution. Army laboratories, in conjunction with the Central Technical Support Facility (CTSF) will validate the networked Capability Set prior to fielding.
- Top SoSI Synchronized Fielding efforts include maintaining configuration management of the final Capability Set technical network baseline approved during NIE process. SoSI will also coordinate with system Program Managers for maturation of B-kit components and with platform Program Managers for maturation of A-kit components, seeking proper integration of both. SoSI will manage the Capability Set Integrated Master Schedule for production and deployment and coordinate individual fielding among PEOs/PMs, FORSCOM, G8 and the gaining Brigade Combat Team while maintaining sustainment planning and asset handoff to the gaining units.
- Priority of fielding is to the Army's Deployable Expeditionary Forces slated for deployment to Afghanistan.

