



# SQUAD: FOUNDATION OF THE DECISIVE FORCE

February 2016



## SFDF is Dedicated to All Dismounted Elements

### SFDF Updates

**FY16 Combined Arms Futures Integrated Exercise (CAFIX):** TCM-Soldier SFDF is executing the FY16 Combined Arms Future Integration Exercise (CAFIX) series of focused assessments. Technologies assessed include fuel cells, micro-Doppler radar, an integration of Soldier Borne Sensors in the scout section, and others still in development. CAFIX is a MCoE led effort of collaborative futures integration with Defense Advanced Research Projects Agency (DARPA), Natick Soldier Research, Development and Engineering Center (NSRDEC), Army Aviation and Missile Research, Development and Engineering Center (AMRDEC), and other collaborating partners. CAFIX focuses on the integration of future warfighting capabilities in order to inform requirements and enable combined arms capability development for Soldiers and small units.

### ARTICLES

- **Article: Researchers mitigate Soldier stressors with science:** Army researchers are trying to better understand the types of stress Soldiers could encounter in combat that might cause degraded performance. ([View Article](#))
- **Article: Cockroach-inspired robotics research opens new doors for missions:** Supported by the U.S. Army Research Laboratory, University of California-Berkeley researchers have developed a small, crawling robot that mimics a cockroach's ability to squeeze through confined spaces. ([View Article](#))
- **Article: New mortar system lighten the load for Soldiers:** The Watervliet Arsenal announced this week that it has received a \$4.6 million contract to start a new product line for the 81mm mortar system that will help reduce an infantryman's fatigue and movement time over a cross-country route. ([View Article](#))
- **Article: Singapore Airshow 2016: ST Kinetics advances ARIELE soldier system development:** The Soldier System Development Group of Singapore Technologies (ST) Kinetics has continued to improve its Army Individual Eco-Lightweight Equipment (ARIELE) soldier ensemble, showcasing the latest developments to the system at the Singapore Airshow 2016. ([View Article](#))
- **Article: Expeditionary networked force becoming reality, say generals:** The goal of achieving an expeditionary, uninterrupted mission command network is taking shape but is still "a work in progress," said Brig. Gen. Willard M. Burleson III. The network enables mission command to link leaders and Soldiers with their systems, joint forces and partners. ([View Article](#))

- **Article: *How NCOs can change a climate and strengthen a squad:*** GRAFENWOEHR, Germany -- Noncommissioned officers have always led from the front, but a new grass-roots initiative empowers them to effect change across the spectrum. ([View Article](#))

## SFDF WAY AHEAD

**SFDF Goal.** To improve the combat effectiveness of maneuver formations from Squad through Brigade Combat Teams.

[SFDF Portal](#)

### SFDF Team

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