



SQUAD: FOUNDATION OF THE DECISIVE FORCE

November 2015



SFDF is Dedicated to All Dismounted Elements

SFDF Updates

FY16 Combined Arms Futures Integrated Exercise (CAFIX): TCM-Soldier SFDF is working to develop the FY16 Combined Arms Future Integration Exercise (CAFIX) focused assessment. 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), and Army Aviation and Missile Research, Development and Engineering Center (AMRDEC). 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: Natick investigates self-healing protective clothing:** Researchers at the U.S. Army, the University of Massachusetts Lowell, and Triton Systems, Inc., are working on the technical development of self-healing coatings that contain micro-capsules of healing fluid, which will be used to mend chemical-biological, or CB, protective clothing. ([View Article](#))
- **Article: Army launches innovation challenge on cyber situational awareness:** Situational awareness - knowing precisely what's happening on the battlefield, where and when - can make the difference between mission success and mission failure. ([View Article](#))
- **Article: Innovative agencies partner to counter drone threat:** Two Army organizations that have been teaming up to provide warfighters with innovations downrange are now looking to prevent a threat from the proliferation of small unmanned aerial systems, or UASs. ([View Article](#))
- **Article: Soldiers can mix camo patterns for cold-weather gear:** Many Soldiers now wear their Army Combat Uniform, or ACU, in the new Operational Camouflage Pattern. But their organizational clothing and individual equipment, or OCIE, such as their wet-weather gear and their Extended Cold Weather Clothing System sport the Universal Camouflage Pattern, or UCP. ([View Article](#))
- **Article: New autonomous robot extends communication beyond line-of-sight:** Army engineers demonstrated autonomous robots as part of a teaming effort to evolve natural interaction between Soldiers and autonomous systems allows interaction for one Soldier to use numerous unmanned

systems, which require neither dedicated operators nor significant cognitive burden on the part of commanders. ([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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