



# Fiscal 2001 Advanced Concept Technology Demos Announced

**D**avid R. Oliver Jr., [Acting] Under Secretary of Defense for Acquisition, Technology and Logistics, announced today the selection of 14 new Advanced Concept Technology Demonstration (ACTD) projects for fiscal 2001. The ACTD program aids in rapidly transitioning advanced technology into the hands of the unified commanders.

The Military Services, theater commanders, and Joint Staff submitted more than 60 proposed projects. Representatives of the Military Services and unified commanders reviewed the list of proposals and provided their priorities to the Joint Requirements Oversight Council.

Marrying new operational concepts with new technologies, ACTDs reduce the time required to field new systems and increase user involvement in system design and integration.

The ACTDs selected for initiation in fiscal 2001 in alphabetical order include:

- Active Network Intrusion Defense: A distributed system architecture enabling real-time detection and response to network intrusions, including automatically disabling routes used by hackers.
- Adaptive Battlespace Awareness: An integrated system improving information aggregation supporting the CINC [Com-

mander in Chief] and Joint Task Force common operating picture and situational awareness.

- Advanced Tactical Laser: Includes a laser, optics, and control systems enabling existing fire control systems on fixed and rotary wing aircraft to precisely direct laser fire on targets from 15 kilometers.
- Advanced Technology Ordnance Surveillance: A system of miniature electronic tags and sensors to remotely perform ordnance inventory surveillance and monitoring of storage environmental conditions.
- Coalition Combat Identification: An integrated system and operational concepts utilizing situational awareness and target identification technologies to improve interoperability of coalition air-to-surface and surface-to-surface operations.
- Coalition Theater Logistics: A system of logistics information technologies and combat support tools, enhancing command and control of combat support for coalition task forces.
- Coastal Area Protection System: A system to improve surveillance, identification, and exclusion of threats to ships in ports and harbors.

- Hunter Standoff Killer Team: A command and control system to increase Joint Maneuver Commander's situational awareness, while decreasing decision and reaction timelines.
- Joint Area Clearance: De-mining equipment and information systems to improve de-mining and explosive ordnance disposal for area clearance of airfields, fuel/ammunition distribution points, hospital sites, main supply routes, and other rear area activities.
- Loitering Electronic Warfare Killer: A recoverable unmanned aerial vehicle providing electronic warfare jamming at a low cost and capable of being launched from air, sea, or ground assets.
- Network-Centric Collaborative Targeting: A network of existing operational intelligence, surveillance, and reconnaissance sensors to improve detection, identification, and location of time-critical targets.
- Personnel Recovery Extraction Survivability Aided by Smart Sensors: An integrated system of devices and information tools to improve overall personnel recovery process, evader extraction platforms, and approaches for U.S. and coalition force combat search and rescue missions.
- Tactical Missile Penetrator: A missile providing high-availability, all-weather, survivable, and short-response-time destruction of hard and deeply buried targets.
- Theater Integrated Planning System: An automated network to improve crisis planning, target planning turnaround time, and CINC interoperability, while reducing the manpower requirement.

**Editor's Note:** This information is in the public domain at <http://www.defenselink.mil/news>. More information on the ACTD program is on the World Wide Web at <http://www.acq.osd.mil/at>.