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## Advantage

The Monterey Technologies, Inc, staff includes Masters and Ph.D. level human factors experts and Military professionals (US Navy, US Air Force, US Army) with significant operational experience. Their combined talents offer a unique capability to both understand and improve mission critical systems, equipment and processes.

## Human Systems Integration

Monterey Technologies, Inc. has provided long term, on-site support to NASA and DoD research labs providing human in the loop research support to programs aimed at integrating future technologies such as commercial aviation displays, enhanced helicopter survivability and targeting electronics, and cognitive decision aiding software.

## User-Centered Design

Our human factors specialists conduct user centered design (UCD) for military, government, and commercial systems, with a focus on Warfighter, operator, and user experience.

## Mission Planning Systems

Monterey Technologies, Inc. provides mission planning software solutions based on our Visual Planning, Execution and Review (ViPER) suite of capabilities. ViPER is an adaptable toolset that enables planners to pull together information from distributed sources, integrate all considerations in a single application, and rapidly transition from sketching to execution.

## Medical Usability

Monterey Technologies, Inc. conducts formative and summative studies on Class II and III medical devices. We provide full-service usability testing and analysis capabilities including:

- Initial Requirements Analysis
- Test Design
- Data Collection
- Reporting

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## Contact Us

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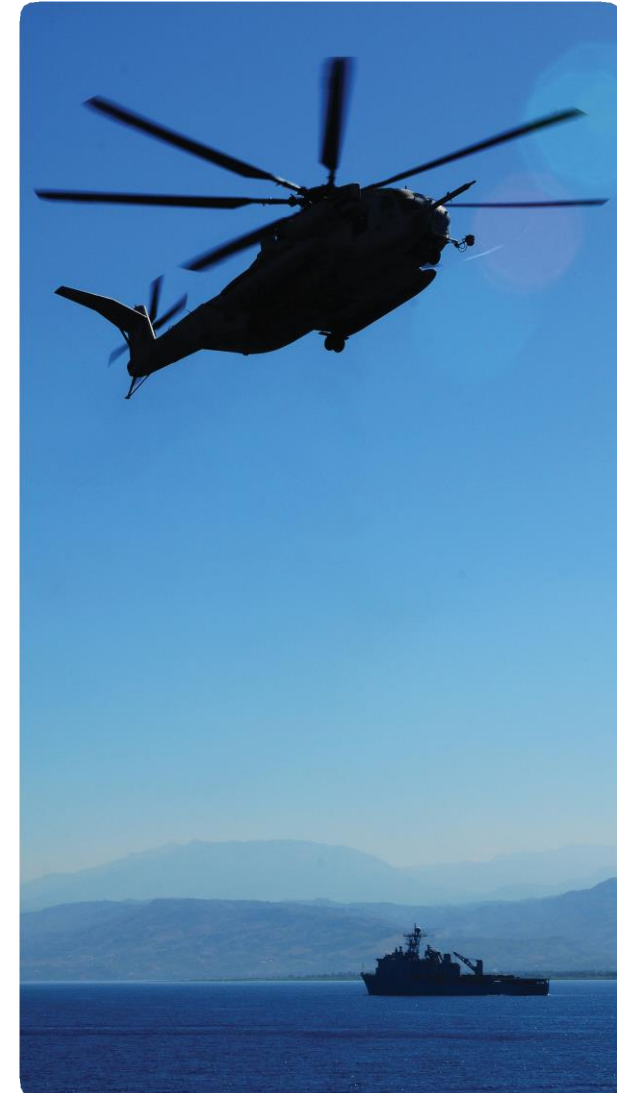
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## Website

[www.montereytechnologies.com](http://www.montereytechnologies.com)



*Making the complex simple*





## Company History

Monterey Technologies, Inc. has provided government and industry customers with industry leading Human Factors Engineering and Human-Systems Integration services since 1984.

The ViPER mission planning application provides a simple spatial-temporal toolset which allows planners to develop multi-aircraft mission plans and visualize decisions within useful contexts. MTI's technological approach has shown application over a variety of aviation, surface, and subsurface planning domains.

## Leadership Statement

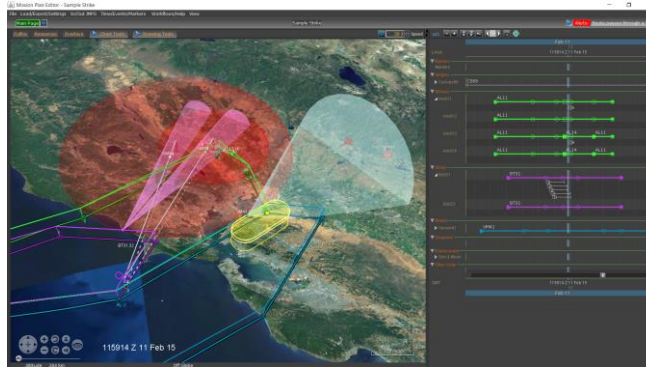
- Our mission is to provide a human-centered approach to the design of any technology that people use, so that the technology is developed to serve the needs of the human user, rather than the people serving the needs of the technology.

- Our goal is to help our clients understand the capabilities and limitations of their users, and then to design products and systems that are intuitive and easy to use, and develop processes that make people more efficient and effective.



## Competencies

- Mission Planning Systems
- Medical Usability Testing
- User Interface Design
- Human Systems Integration



## Mission Planning Systems

- ViPER-CVW: Multi-Aircraft Mission Planning delivered as a JMPS federated application
- MPA: Submarine navigation and tactical planning integrated into the AN/BYG-1 combat system.
- ViPER-CSG: prototype strike group planning system incorporating multi-ship movements and scheduling

## Mission Planning Systems

Visual Planning, Execution and Review-Carrier Air (ViPER-CVW), a multi-aircraft planning application, allows users to rapidly sketch a mission-specific course-of-action, resulting in a rich visualization of the plan flow within a geographic context. Plan elements are in digital form to enable sharing with stakeholders and transfer to aircraft mission loads. ViPER is ready

## Customers

### Government

- U.S. Air Force (USAF)
- U.S. Army (USA)
- U.S. Coast Guard (USCG)
- U.S. Navy (USN)
- Department of Transportation (DOT)
- Federal Aviation Administration (FAA)
- National Aeronautics and Space Administration

### International

- Commonwealth of Australia (CoA)

### Defense Contractors

- BAE Systems
- Battelle
- The Boeing Company
- General Atomics
- General Dynamics
- Lockheed Martin
- Northrop Grumman
- Raytheon

### Commercial

- Exelon
- Intel
- Kyocera Wireless Corporation
- St. Jude Medical
- San Jose State University
- VMware

