



## Information Environment

The aggregate of individuals, organizations, and systems that collect, process, disseminate, or act on information.

## Operations in the Information Environment

The integrated planning and employment of MAGTF, Naval, Joint, and Interagency information capabilities, resources, and activities that enhance the Marine Corps Single Battle concept and provide defensive, offensive, and exploitative effects and support in order to operate, fight, and win in and through a contested information environment.

## Warfighting Challenge

The impacts of information on conflict demands the Marine Corps information environment capabilities are coherently developed, effectively managed, and integrated to provide true MAGTF capabilities.

## Information Environment Operations Strategy Framing Concepts

- DoD Strategy for the Information Environment
- Expeditionary Force 21
- FRAGO 01/2016: Advance to Contact
- Joint Concept for Operating in the Information Environment
- Marine Corps Concept for Information Warfare
- Marine Corps Vision & Strategy 2025
- U.S. Fleet Cyber Command/Tenth Fleet Strategic Plan 2015-2020
- Littoral Operations in Contested Environment
- Expeditionary Advance Basing Operations



## DCI Lines of Effort

1. Improve MAGTF lethality, survivability, and influence
2. Increase Marine Corps competitiveness in the IE
3. Develop and institutionalize the MCIEE
4. Develop and professionalize the MCIEE Workforce

## Deputy Commandant for Information

Create asymmetric, competitive advantage, and cognitive overmatch against a peer threat across all phases of a Naval and Joint Campaign, to include competitive and contested phases, by increasing:

- MAGTF Lethality, Survivability, Decision-Making, Tempo, and Influence
- Supporting Establishment Resilience
- Naval Integration and Interoperability of Allies and Joint Forces
- Capabilities of the Objective Network and Naval Tactical Grid in a contested Environment



## Information Related Capabilities

Capability, function, or activity that uses data, information, or Electromagnetic Spectrum (EMS) to produce lethal or non-lethal effects in the physical or informational dimensions. The intent of the IRCs is to cause deliberate effects within the cognitive dimension of the IE.

- Space Operations
- Military Deception
- Communications
- Electromagnetic Spectrum Operations
- Intelligence
- Physical Security
- Cyberspace Operation
- Communication Strategy and Operations
- Civil-Military Operations
- Network Engagement
- Information Management
- Operations Security
- Information Assurance
- Physical Attack
- Military Information Support Operations
- Defense Support to Public Diplomacy

## OIE Operational Capability Areas

- Influence Operations
- Deception Operations
- Inform Operations
- Electromagnetic Spectrum Operations
- Cyberspace Operations
- Space Operations

## Key Organizations and Concepts

Marine Corps Information Environment Enterprise (MCIEE) – Information and related resources, assets, services, and processes required to achieve decision and execution superiority in garrison or in battle.

**Vandegrift Team** – Experts providing high fidelity understanding of the pacing threats and CONOPS to key leaders across the Marine Corps. Identifies and communicates threats, vulnerabilities, and opportunities in the IE while developing playbooks to inform experimentation, wargaming, exercises, missions thread analysis, and the objective network.

**OIE Board** – Co-chaired by DC I & DC CD&I, Respond to the needs of the OPFOR and the supporting establishment by providing ideas and solutions to meet operational/institutional challenges and requirements by informing the CBA, POM, and identifying rapid capabilities opportunities.

## Seven Functions of OIE

1. Assure Enterprise Command and Control Systems and Critical Systems
2. Provide Information Environment Battlespace awareness
3. Attack and Exploit Networks, Systems and Information
4. Inform Domestic and International Audiences
5. Influence Foreign Target Audiences
6. Deceive Adversary Target Audiences
7. Control Information Capabilities, Resources, and Activities

## Operations in the Information Environment

“We’re going to have to fight for information. We can’t assume it will be there. This is going to change everything we do.”

*General Robert B. Neller,  
37th Commandant of the Marine Corps*

