

A light blue, semi-transparent world map is centered in the background of the slide, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

United States Joint Forces Command

Keeping our Forces Relevant, Trained, and Ready

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JFCOM Commander's Guidance

- ✓ **Jointness is not a natural state – It deserves our best effort.**
- ✓ **We will fight future wars alongside partners.**
- ✓ **Our enemy means every word it says.**
- ✓ **Our military must retain conventional dominance.**
- ✓ **We must improve our capability in the irregular fight.**

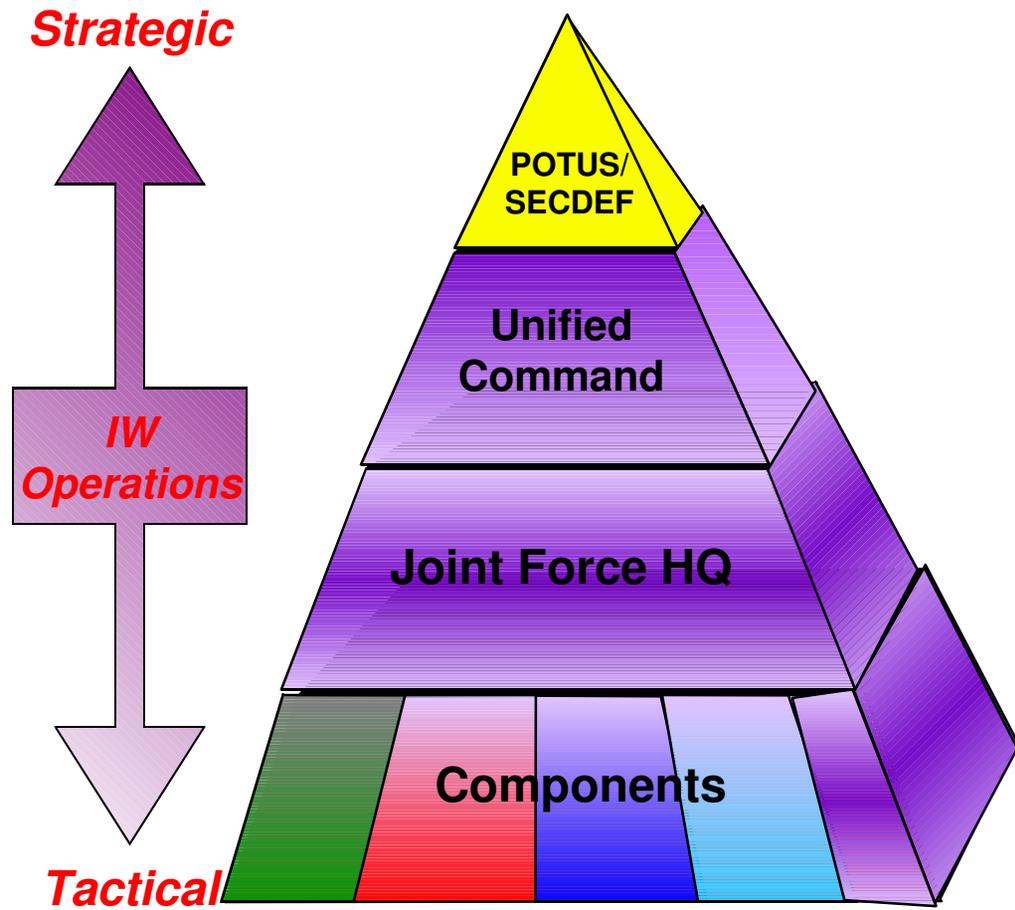


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Leading Transformation

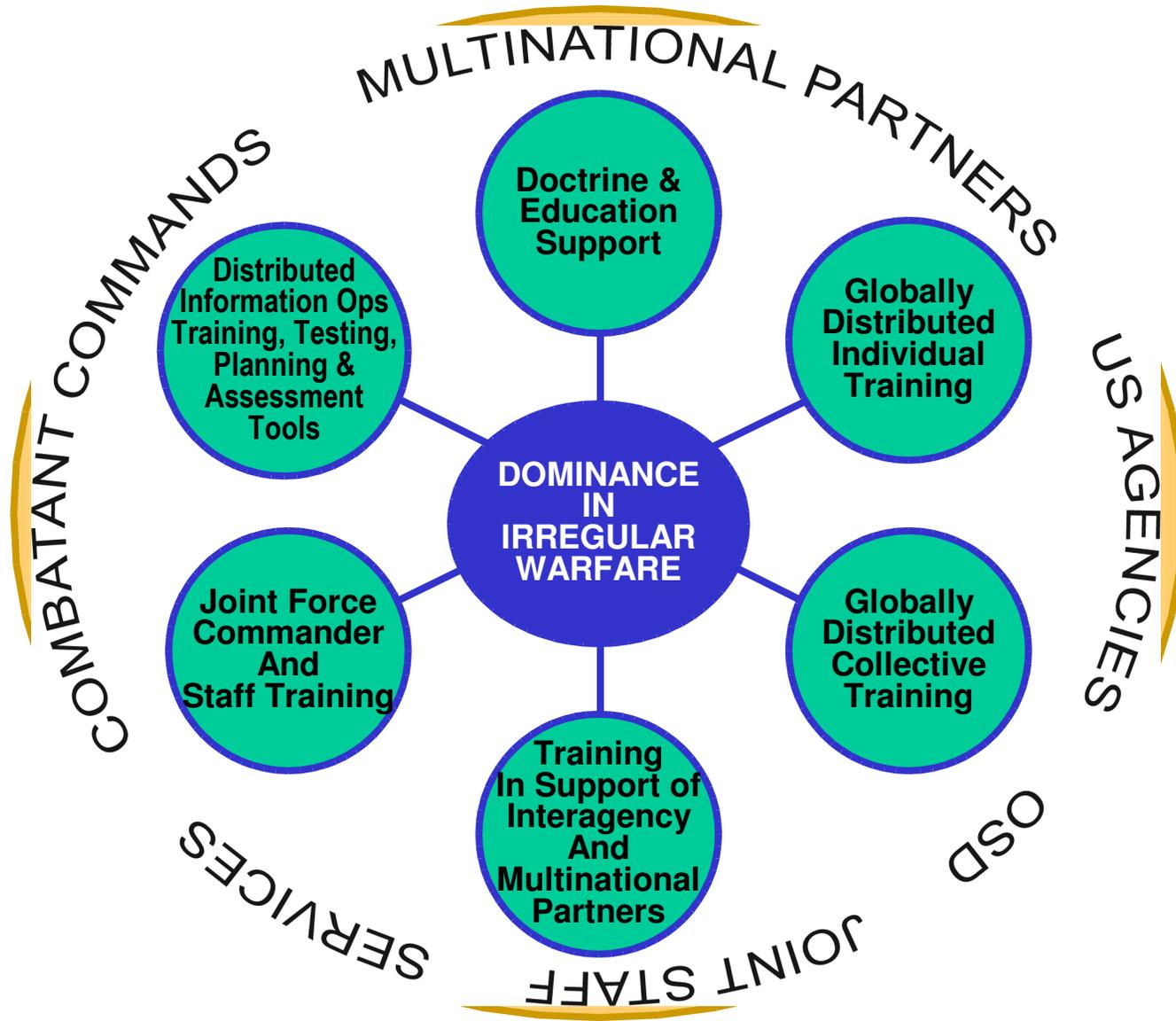
Bringing IW Competency to General Purpose Forces

- ✓ Operations in highly complex environments at all levels – strategic to tactical. Dividing lines blurred.
- ✓ Success found in inclusiveness, decentralization and in collaboration with key allies, agency, and non-governmental partners.
- ✓ Widens aperture of joint training focus from the Joint Force HQ to Service tactical training programs focused at improving IW proficiency of General Purpose Forces.



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Joint Training – Getting After What Needs to Be Done



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USJFCOM Initiatives in Support of Irregular Warfare Training

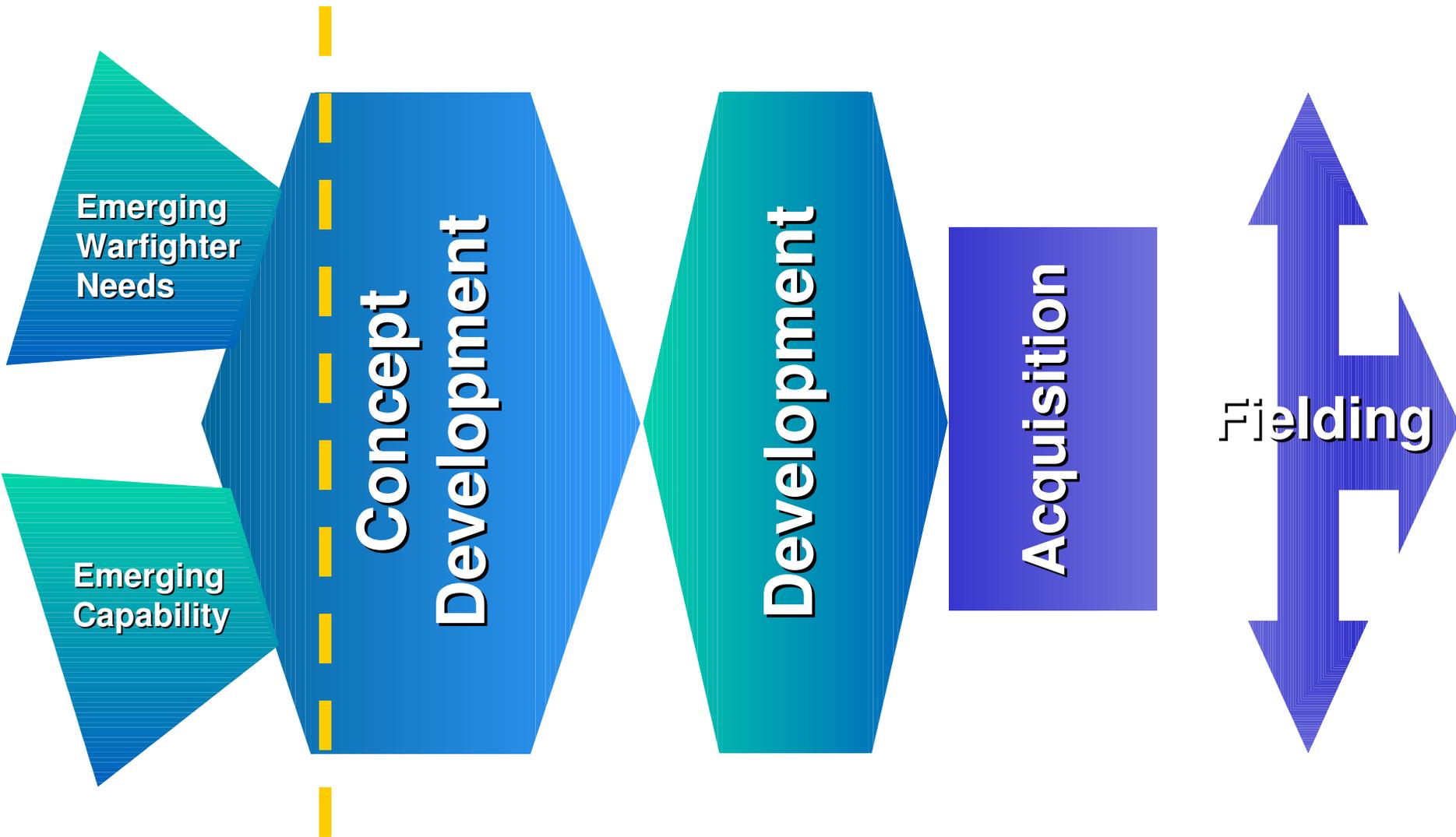
- Support the development of immersive training technologies that enhance the development of agile, high performing leaders and units. **The first firefight should be no worse than the last simulation.**
- Increase tactical unit access to live, virtual and constructive capabilities (Intelligence, Surveillance and Reconnaissance – ISR, etc).
- Increase mutual training value for DOD and non-DOD partners at Joint and Service training programs.
- Increase the frequency and fidelity of training focused on the integration of Special Operations Forces with General Purpose Forces.
- Emphasize the human dimension of warfare... promote cognitive dominance. Data → Information → Knowledge → INTUITION.
- Support USSOCOM, as the Joint Proponent for Security Force Assistance, in preparing US joint forces to train, advise and assist international security forces.



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Engaging The Process



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How Industry and Academia Can Help

- **Deliverable:** A realistic live, virtual, and constructive immersive training environment to make the first firefight in combat for a small unit and its leader (Army, SOF, and Marine) no worse than the last simulation.
- **Characteristics that can make a difference:**
 - ✓ **COGNITIVE DOMINANCE** is the centerpiece, not simply an ancillary benefit to help rationalize an investment. Provides the critical standard upon which “black boxes” will be evaluated.
 - ✓ Immersive, decision-making stimuli infinitely repeatable though nothing exactly repeated that was done before.
 - ✓ Modular to introduce increasing variables of complexity within changeable environments (to include conventional, nuclear, and irregular war).
 - ✓ Stresses tactical and ethical decision making leading to overall individual and small unit self-confidence. Open ended objectives...not merely electronic lane training. Challenges Cold War era Task-Condition-Standard construct.



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How Industry and Academia Can Help

- **Deliverable: A realistic live, virtual, and constructive immersive training environment to make the first firefight in combat for a small unit and its leader (Army, SOF, and Marine) no worse than the last simulation.**
- **Characteristics that can make a difference: (Continued)**
 - ✓ **Replicates joint enablers such as ISR and joint fires (air and ground) when used at home station, and can integrate these live enablers in real-time for mission planning/rehearsal in combat.**
 - ✓ **Ensures distributed integration of joint capabilities -- designed with standard architectures to ensure interoperability with other systems. (A virtual F-22 at Langley AFB, Virginia “flying” in support of a Marine infantry squad negotiating the Infantry Immersive Trainer at Camp Pendleton, California).**
 - ✓ **Easily transitioned to the field. Same capability used at home station and in combat. Small, lightweight, transportable.**
 - ✓ **Evidence-based. Results measurable and can be correlated to return on investment. Diagnostic baseline...objective measurement / assessment.**



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Closing Thought

“We need a giant leap forward in our simulated training environment for small units in ground combat to enable advances on the ground similar to the manner in which we have gained air, space and maritime dominance...”

This requires testing our small units to a high standard prior to entering the environment...every SOF/Infantry unit needs this same preparation.”

-- Gen James N. Mattis





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