About DOTMLPF

DOTMLPF is an acronym used by the United States Department of Defense. DOTMLPF is defined in The Joint Capabilities Integration Development System, or JCIDS Process. The JCIDS process provides a solution space that considers solutions (stated in terms of diplomatic or military organization) involving a simulation of doctrine, organization, training, materiel, leadership and education, personnel, and facilities (DOTMLPF) required to accomplish a mission.

The idea is to fix the capability gap, and CJCSI 3170.01G – Joint Capabilities Integration and Development System, 1 March 2009, is the one governing instruction that encompasses both materiel (requiring new defense acquisition programs) and non-materiel (not requiring new defense acquisition program) solutions.

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Stakeholder(s):

Combatant Commanders:
Because combatant commanders define requirements in consultation with the Office of the Secretary of Defense (OSD), they are able to consider gaps in the context of strategic direction for the total US military force and influence the direction of requirements earlier in the acquisition process, in particular, materiel.

Office of the Secretary of Defense

Vision
Missions are accomplished

Mission
To fix the capability gap

NATO:
NATO uses a similar acronym, DOTMLPF-I, the "I" standing for "Interoperability": the ability to be interoperable with forces throughout the NATO alliance.

UK Ministry of Defence:
UK Ministry of Defence uses the acronym TEPID-OIL.
1. Doctrine

*Document the way to fight*

e.g., emphasizing maneuver warfare combined air-ground campaigns.
2. Organization

*Document how to organize to fight*

divisions, air wings, Marine-Air Ground Task Forces (MAGTFs), etc.
3. Training

*Document how to prepare to fight*

basic training to advanced individual training, various types of unit training, joint exercises, etc.
4. Materiel

*Document what is necessary to equip the forces*

weapons, spares, etc. so they can operate effectively.
5. Leadership & Education

Document how to prepare leaders to lead the fight

Stakeholder(s)
Military Leaders

from squad leader to 4-star general/admiral; professional development.
6. Personnel

Document the availability of qualified people for peacetime, wartime, and various contingency operations.
7. Facilities

Document real property supporting the forces

installations and industrial facilities (e.g. government owned ammunition production facilities)

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Administrative Information
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