



Expeditionary Force 21 Communications – Enabling Crisis Response Operations and the “New Norm”

The contents of this brief are: UNCLASSIFIED

Concept Brief
Feb 2015
Modified



Problem Framing

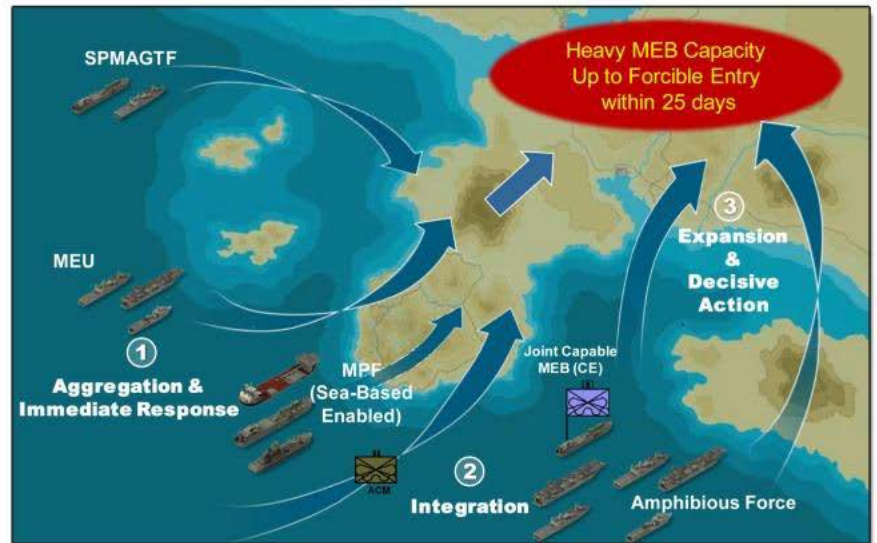
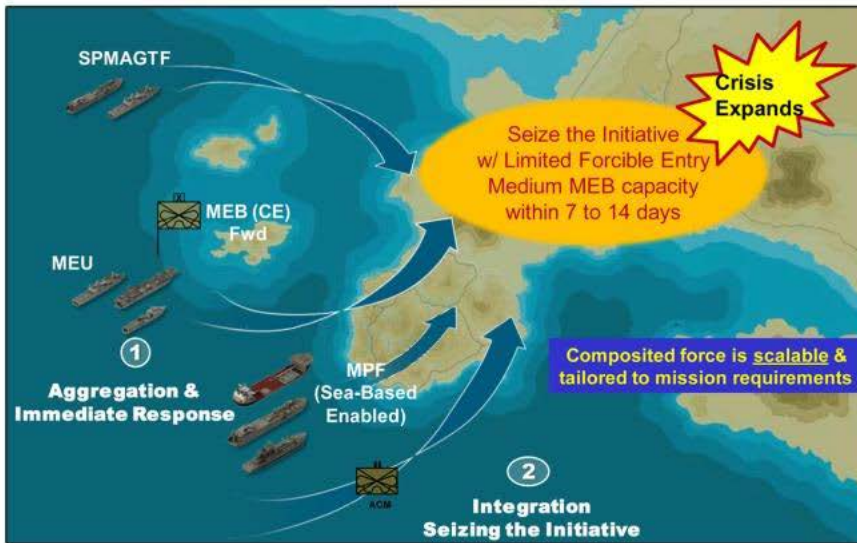
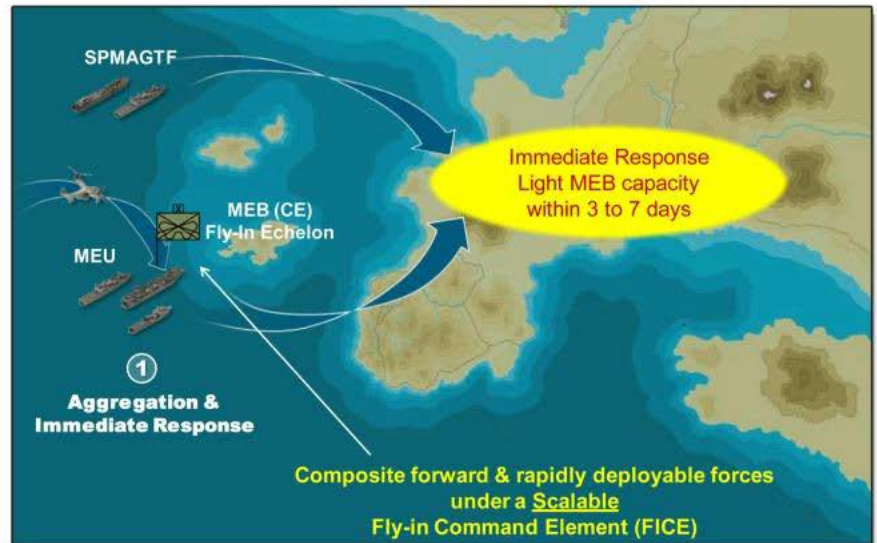
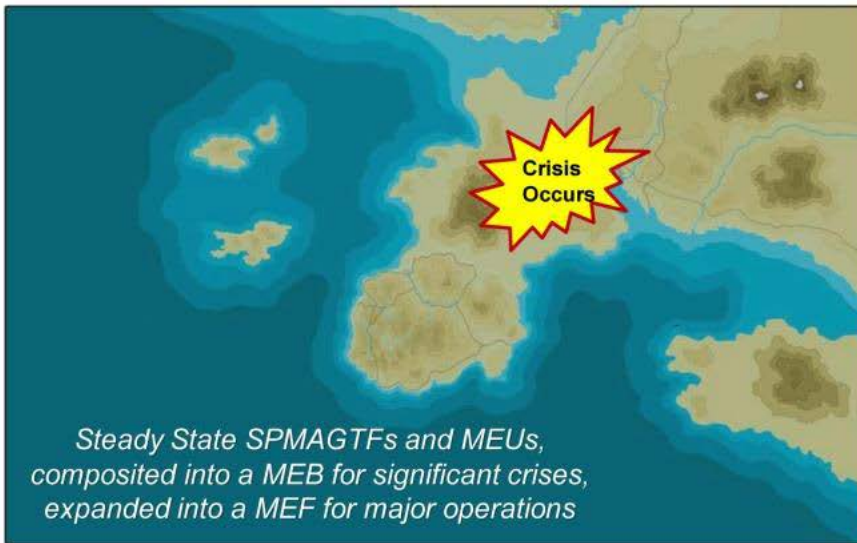
- Marine forces will require rapid transition from a garrison setting (static) to a deployed environment to conduct a range of operations comprising both crisis response and Expeditionary Force 21.
- These operations are characterized by:
 - Mission tailored forces – non traditional organizations
 - Short duration
 - Movement between static and deployed – mobile individuals and mobile organizations

Provide the user access to their information; any clime, any place, any mission.

What has changed

- **Crisis Response** vs. protracted operations in OIF/OEF.
- The **demand** for information, pervasiveness of information will not tolerate a break in access to persistent info networks.
 - Where is the point of need?
 - Mobility;
 - Consumer model = the user moves but the information is static. Individual centric model
 - Military model = user(s) move – information must move too – to mitigate risk

Near Past	Current
Non real time	Real time
Periodic	Persistent
Scheduled	Ubiquitous / expected
Availability based / connected / static	Disconnected / mobile



Scalable, echeloned, composited
Low end of ops building to higher capacity and capability

EF-21 Analysis

• Overarching characteristics

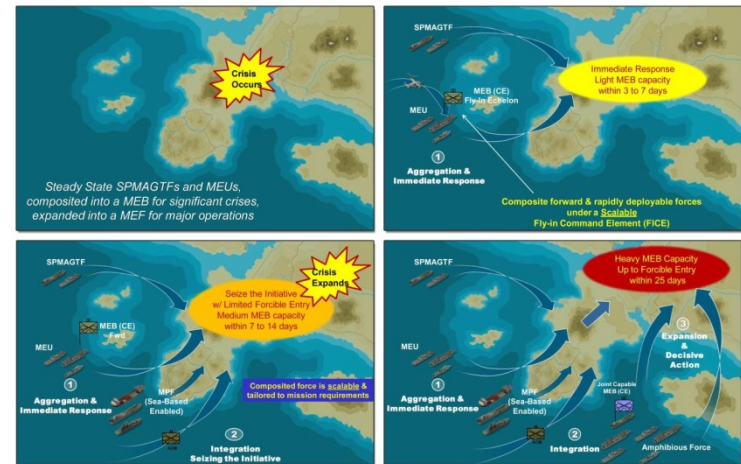
– Emphasis on CR, with the right capabilities to rapidly respond

• Compositing and Integrating Forces

– Key Enablers:

- Scalable forces – that can seamlessly expand
 - (SPMAGTF, ACM, MEU, MEB, MPSRON)
- Interoperability
- En-route SA and C2

Points of presence that are: Common, standards based, accessible



• Specified Tasks (large rocks):

• Rapidly deploy tailored command and control packages – fully joint capable

• Provide a rapidly deployable CJTF capable MEB CE

– Small “suitcase staff” deployable w/ in 12 hours

• Integration w/ garrison-like NIPR/SIPR management tools, process, images, configurations and computers

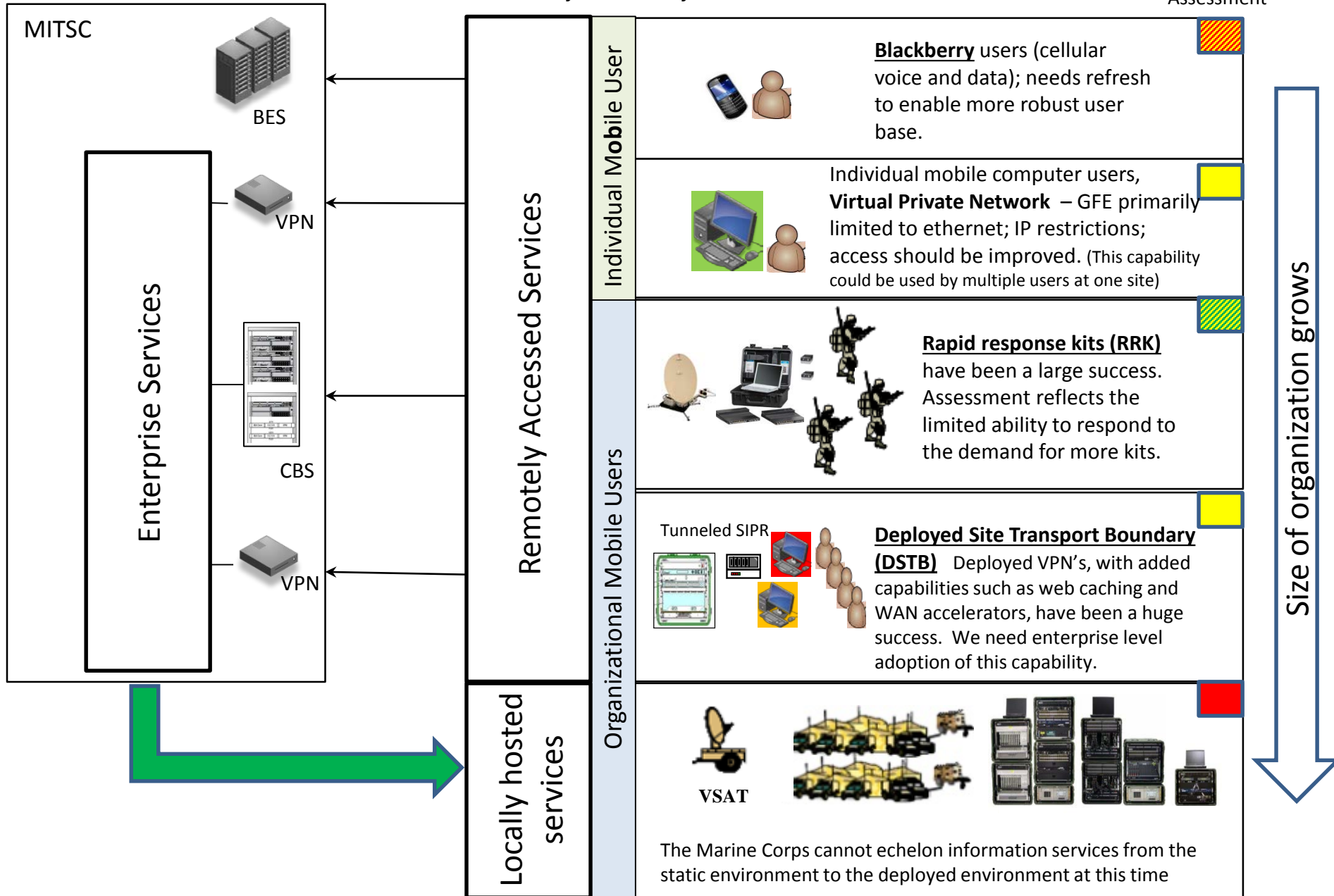
– Implied – eliminate the garrison to tactical seam

• Capabilities based portfolio of tactical networking equipment / resources that are “building blocks” – provides flexible and scalable options to support dispersed ops and compositing of forces forward.

Scalable "Menu"

A force biased for action

Assessment





The contents of this brief are: UNCLASSIFIED