



Science and Engineering

Technology Conference/DoD Technology Expo

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MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

Our Priorities



Continue to provide the best trained and equipped Marine units in Afghanistan



Rebalance our Corps and posture it for the future



***Better educate and train
our Marines to succeed in
complex environments***

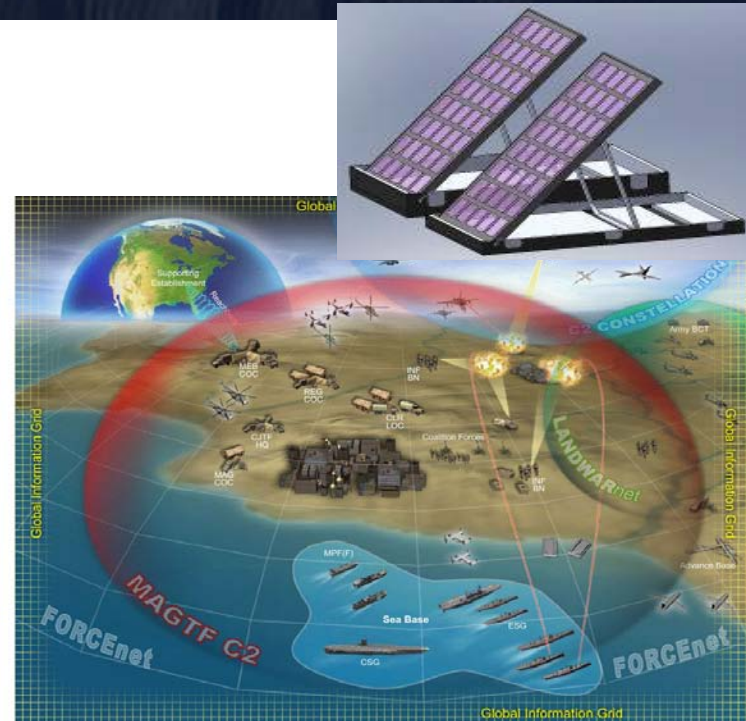
***Keep the faith with our Marines,
our Sailors, and our families***





EQUIPPING THE WARFIGHTER TO WIN

- Energy
- Vehicles/Protected Mobility
- Lighten the MAGTF



MARINE CORPS SYSTEMS COMMAND

Energy



EQUIPPING THE WARFIGHTER TO WIN



MARINE CORPS SYSTEMS COMMAND

Energy



EQUIPPING THE WARFIGHTER TO WIN





EQUIPPING THE WARFIGHTER TO WIN

At the Tactical Edge Water is the Problem



Data Source CLB-8 period June 13 – September 11 2009

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MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

Vehicle Survivability



MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

Vehicle Mobility

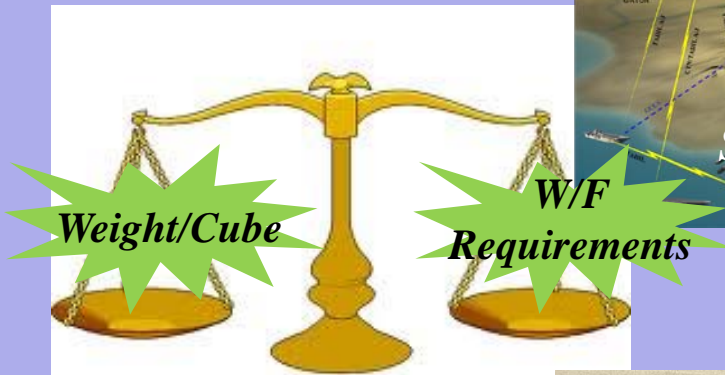




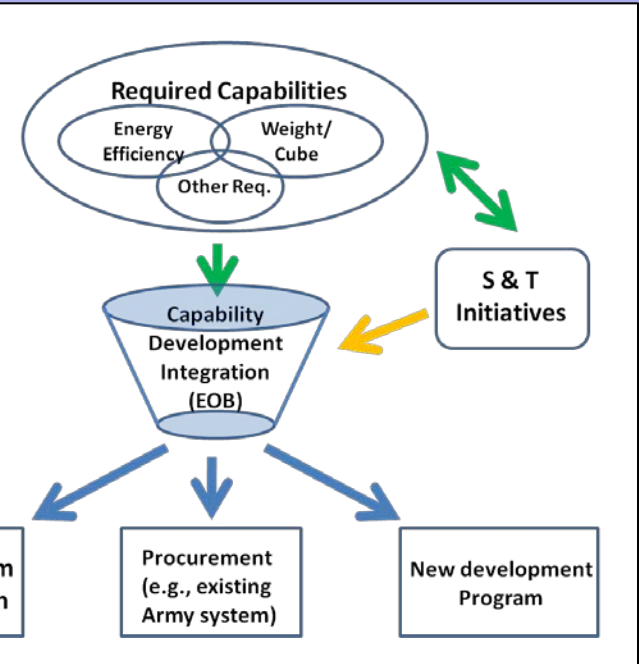
EQUIPPING THE WARFIGHTER TO WIN

“We will rebalance our Corps, posture it for the future and aggressively experiment with and implement new capabilities and organizations.”

The Challenge



Affordability / Technology



Capability Solutions

Create the Middleweight MAGTF within Affordability Constraints



EQUIPPING THE WARFIGHTER TO WIN

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Issue: Increasing Power Consumers

Individual Marine Power Requirements

AN / PVS-17
AA Battery

AN / PVS-14
AA Battery

AN / PAS-13D
AA Battery

AN / PEQ-16A
DI-123A Battery

Hand-held flashlight
AA Battery

MIOX Water Purifier
AA Battery

AN / PSC-13 D-DACT
Unique or AA Battery

DAGR
AA Battery

AN / PRC - 148 or 152
Unique Batteries

AN / PRC-153
Unique Battery

Quiet Pro Headset
Unique Battery

Squad Digital Camera
Unique Battery

AN / PRC-117F
BA-5590 / BA-5390 / BB-2590 Batteries

Rugged Laptop
Unique Battery

MARINE CORPS SYSTEMS COMMAND

Dismounted Weight



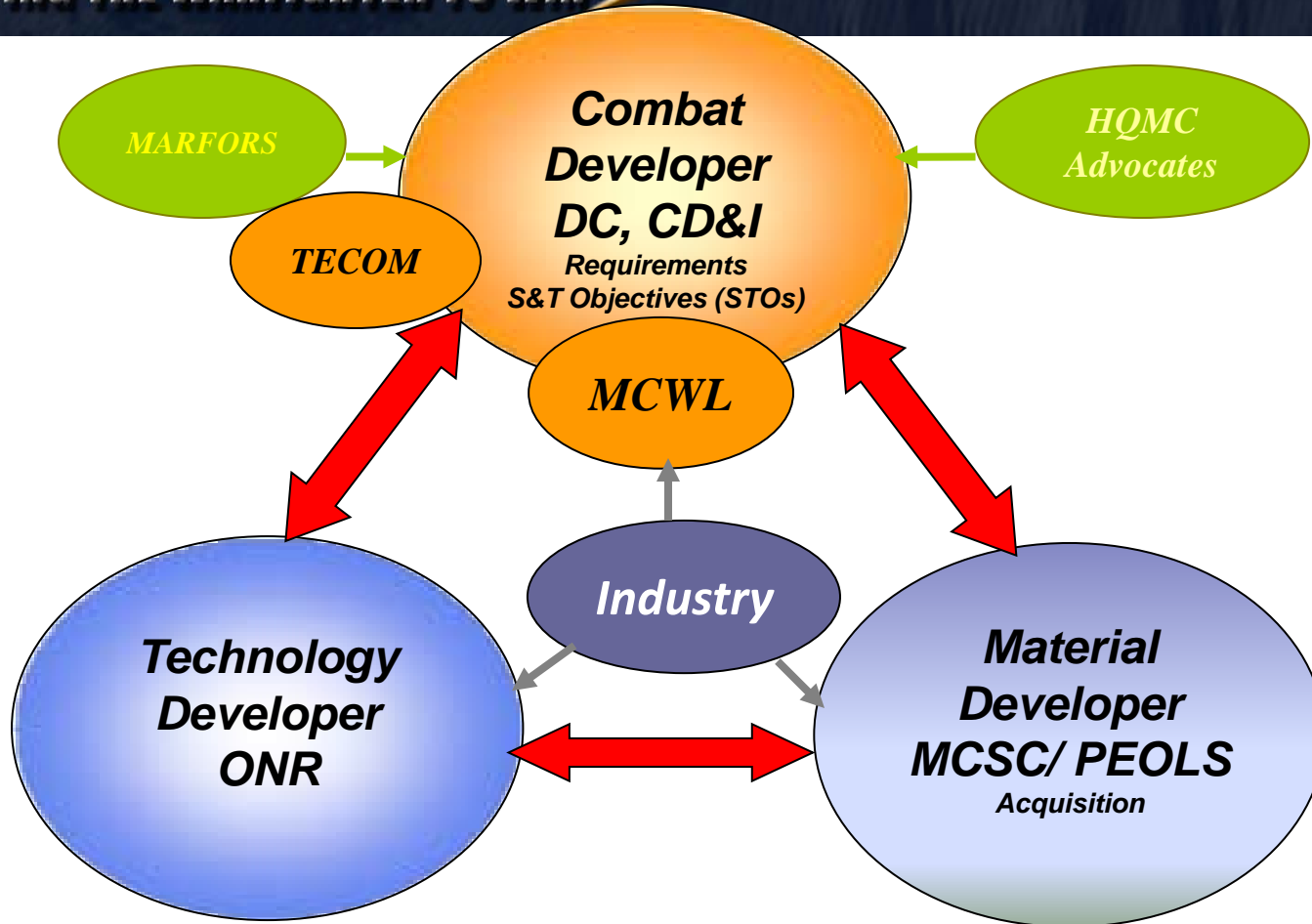
EQUIPPING THE WARFIGHTER TO WIN



MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

*Doing Business with
the Marine Corps*



<http://www.marcorssyscom.usmc.mil>

- POCs

- S&T Strategic Plan

- Technology Needs



Marine Corps Systems Command - Microsoft Internet Explorer provided by NMCI

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What's New at Marine Corps Systems Command:

- [Command Magazine: Marines On Point \(Summer 2009\) – 10/6/2009](#)

First M-ATVs deploy to Afghanistan

With unprecedented speed, the first of thousands of Mine Resistant Ambush Protected (MRAP) All Terrain Vehicles (M-ATV) are being deployed to Afghanistan with a highly survivable and off-road-capable vehicle just three months after a delivery order was awarded to protect warfighters.

MRAP vehicles feature a V-shaped hull to deflect roadside bombs and are proven to be lifesavers on the battlefield. The procurement of the M-ATV grew from an urgent requirement to provide troops a smaller and more maneuverable vehicle that can travel off-road and navigate Afghanistan's difficult, mountainous terrain.

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These POCs match technology to Program Needs



“There is little that will sober an enemy more surely than the knowledge that somewhere, just over the horizon, lies a force of well-trained, well-equipped Marines in competently manned ships capable of delivering a stunning amphibious blow at a point and time of their own choosing.”

Lieutenant General, Victor Krulak, United States Marine Corps