Net Centric Operations, Interoperability, and Systems Integration Conference

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Managing Complexity: Future Force Capabilities

Future Force Characteristics – Responsive, Deployable, Agile, Versatile, Lethal, Survivable, Sustainable...

A New Way of Joint Warfare
- Dominant Situation Awareness
- Networked Weapons Systems
- Joint Interdependence to Small Unit Level

More Strategically Responsive Land Force
- Lighter, More Air and Sea Transportable
- Reduced Sustainment Footprint/Reachback/3 Days Combat w/o Re-Supply

Technology Enabled - Spiral Development/Insertions

Capabilities Based Force for Combatant Commanders Now...Future!

"Space to Mud"
"Factory to Foxhole"

Train, Alert, Deploy, & Sustain

"Factory to Multi-
Home Station"

Supports National Security and Military Strategies

See First
Understand First
Act First
Finish Decisively
Survivability Leading To New Design Paradigm

Conventional Design Process Improves Survivability at a Loss in Deployability

New Design Paradigm Improves Both Survivability and Deployability

- Training, Simulation & Experimentation
  - Multi-skills
  - Embedded Training
  - Live, Virtual and Constructive
- Situational Awareness
  - Network/Communications
  - Sensors
  - Information Processing
  - Decision Aids
- Survivability Design
  - Armor
  - Active Protection
  - Signature Management
  - Deception and Countermeasures
- Vehicle Attributes
  - Speed/Agility
  - Size and Shape…Terrain Masking
  - Manned/Unmanned
- Lethality
  - Weapons Mix
  - Engagement Distances
- Relationships Between Platform Elements
EQUIPPING THE SOLDIER...

AROUND THE WORLD