

Three Good Ideas



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Raytheon

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Abstract		
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Capability = Doctrine + Process + Connectivity

Manage

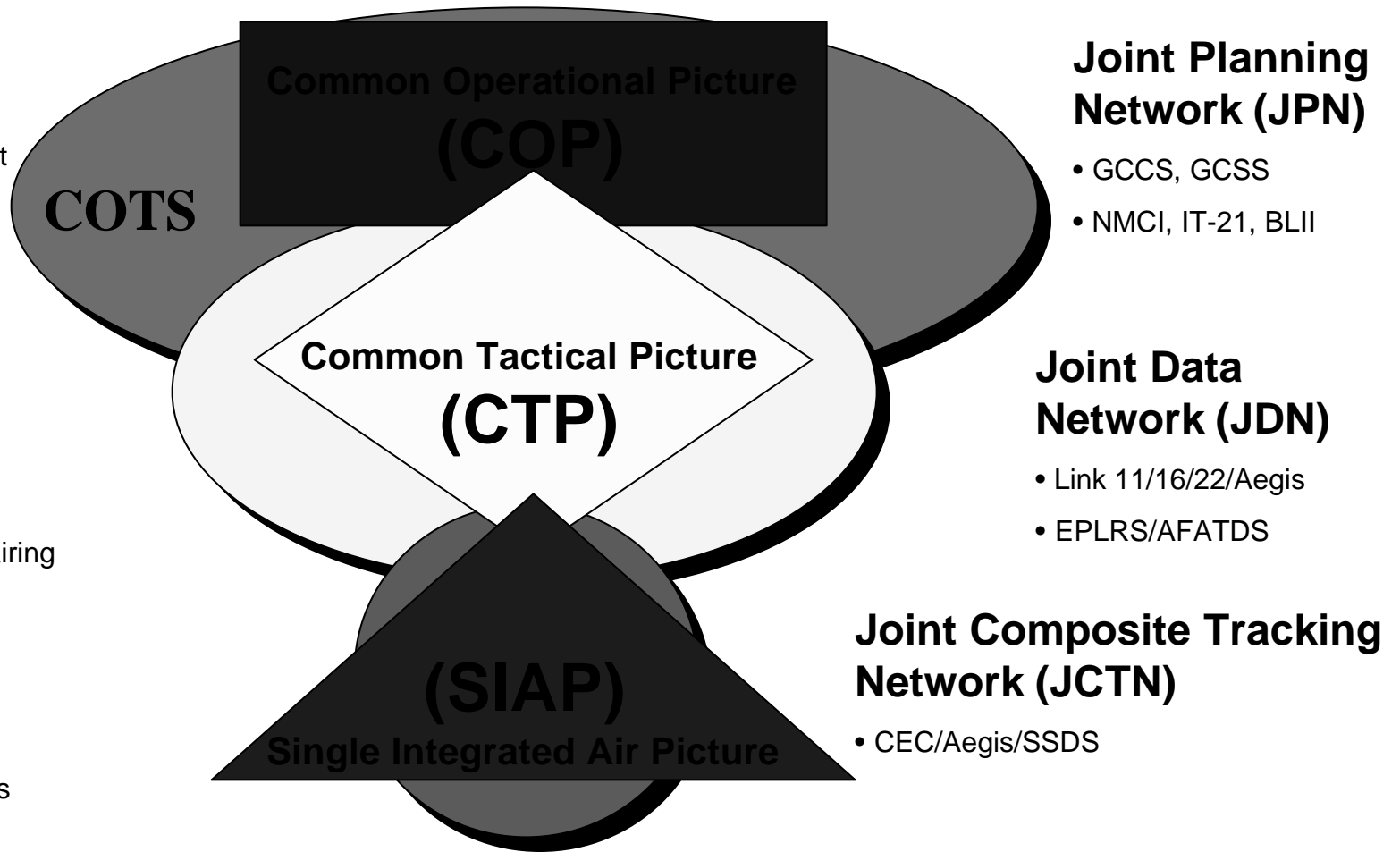
- Planning
- Force Management
- Deployment
- Movement
- Logistic Support

Control

- Maneuver
- Asset Control
- Target/Weapon Pairing
- Fire Support

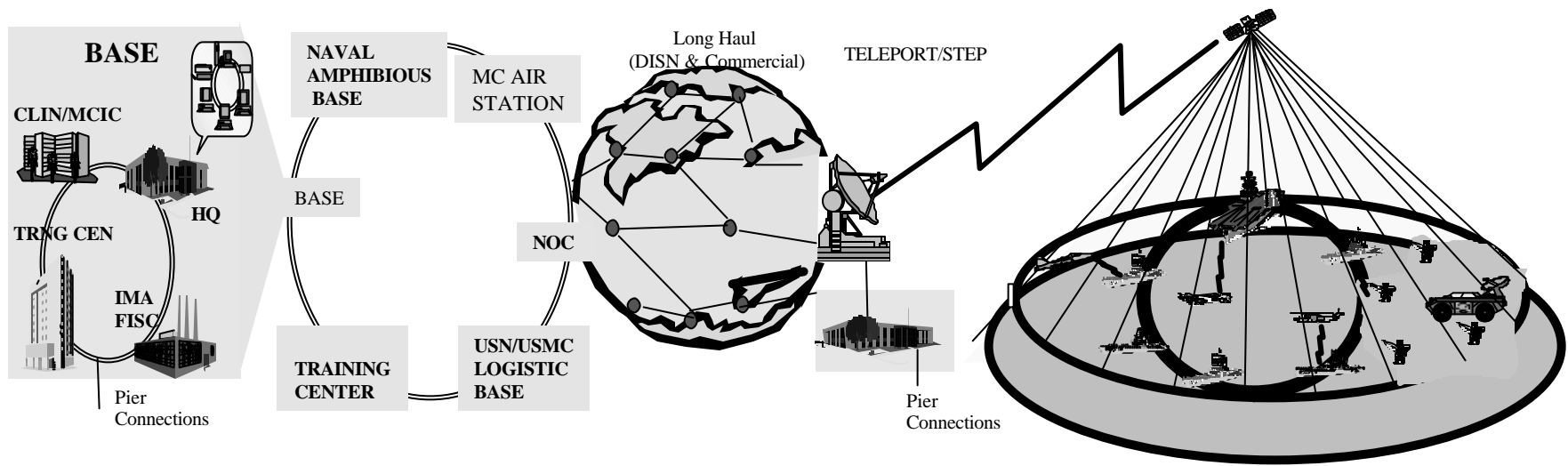
Engage

- Single picture
- Deconflicted tracks
- Remote engage



**Net Centric Warfare Actualized
in Three Interacting Networks**

Planning, Management and Support: NMCI/IT-21/BLII Enables New Doctrine and Process



Base Area Network

Metropolitan Area Network

Wide Area Network

Fleet Teleports

Deployed/Mobile Units

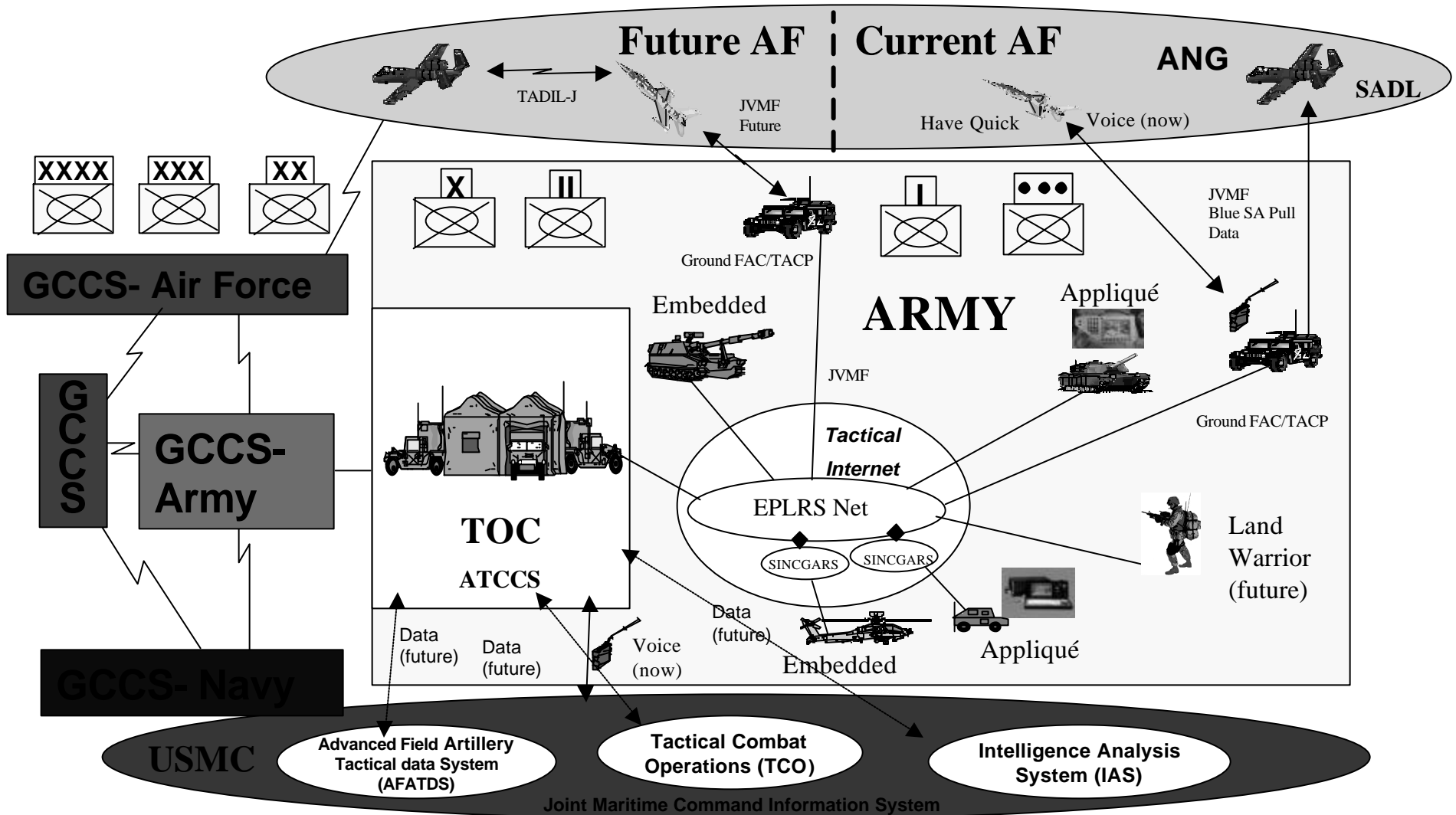
Operational Support

Operational

End-to-End Capability

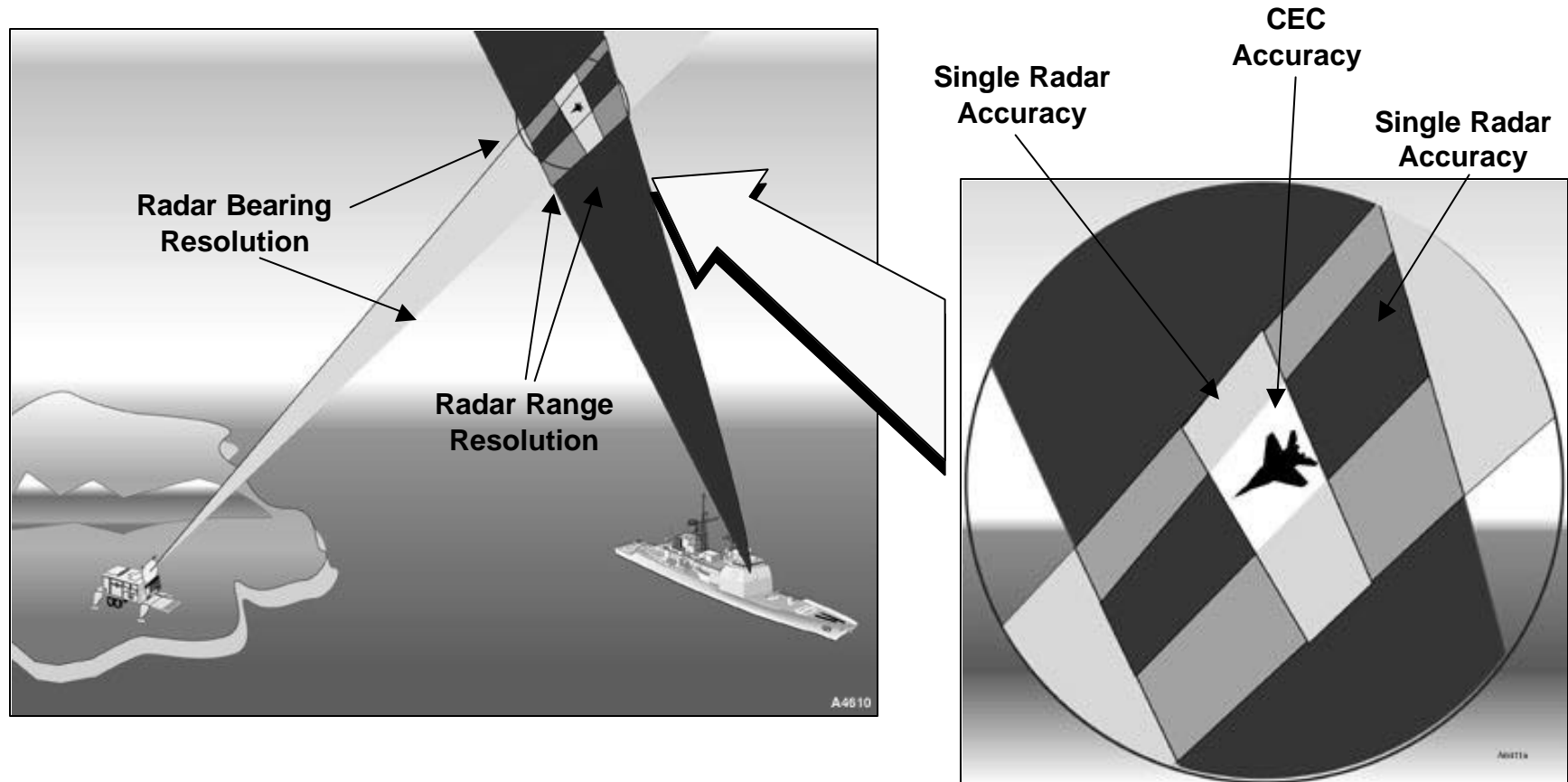
Global Grid = 7X24 Sustained Global Operations

Fires/Fire Support: Joint Team can share Doctrine + Process + Connectivity



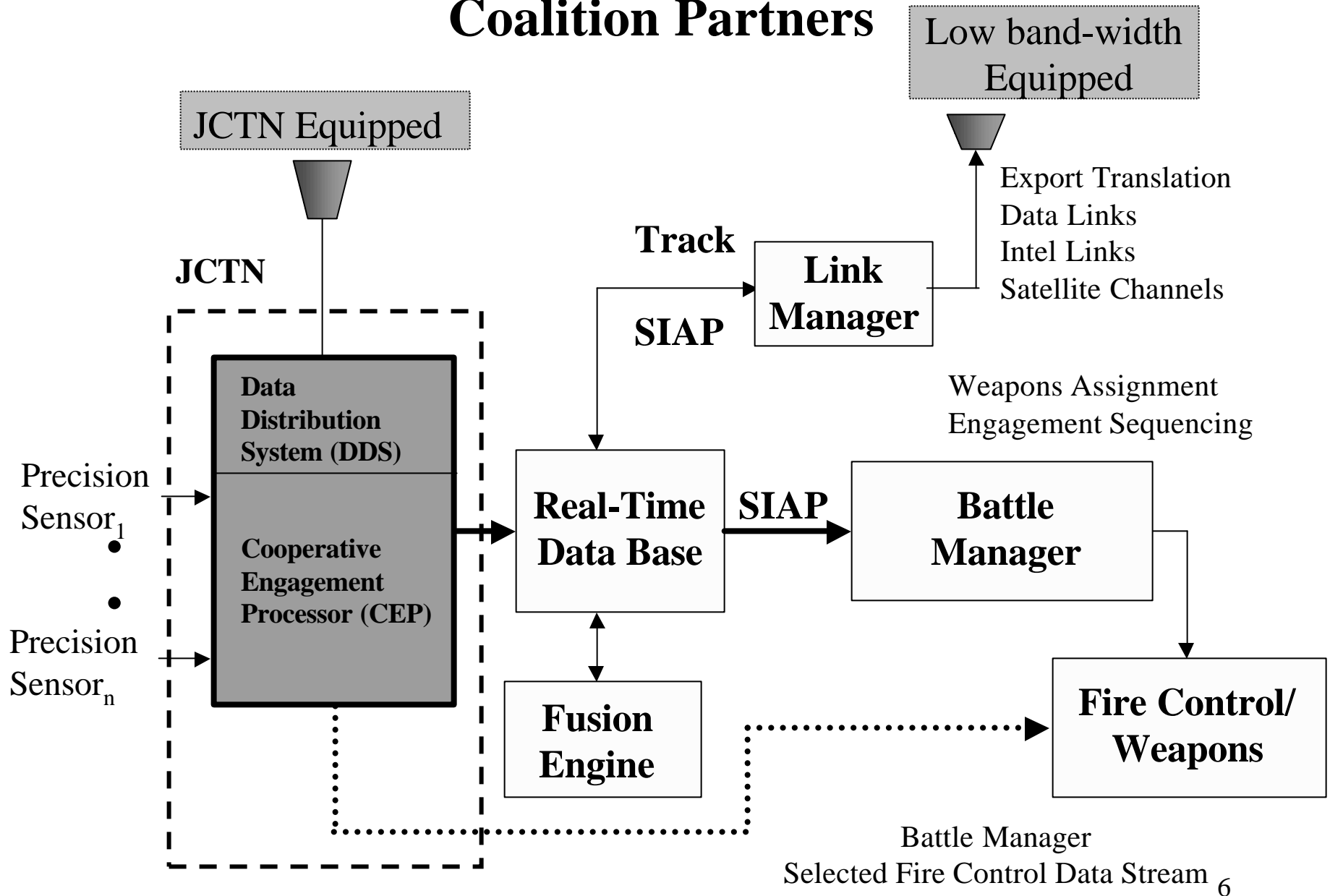
Joint Team Has Ground Target Picture Now

Air Defense: Precision Radar Measurements Process + CEC Process + Wide-band Connectivity . . . Creates a Composite Track Network

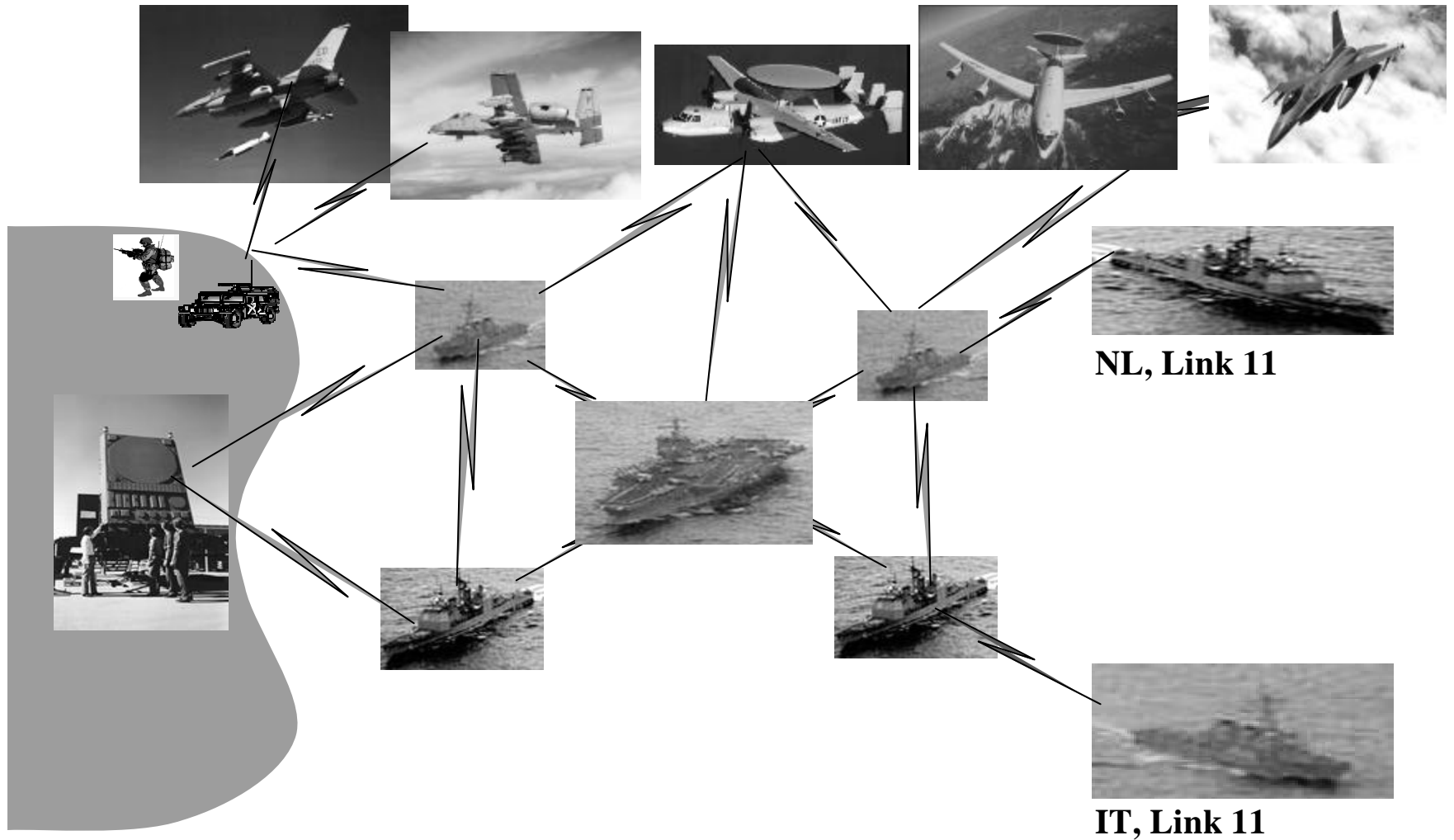


**“CEC... proves the power of NCW”; Net
Centric Warfare, 1999**

Extending the Composite Track Network to Joint and Coalition Partners



Extend JCTN and SIAP to Joint and Coalition Forces



Naval Forces Enhanced by Three Good Ideas . . . Next Step

- **Plan to exploit Internet Build out**
- **Join the Fires/Fire Support Net**
- **Deploy CEC and extend to Joint and Coalition Partners**
 - **JCTN for precision Sensor/CEC capable assets**
 - **SIAP for low-bandwidth/ non-precision assets**

