

The Operational Art of Fighting In and Through Cyberspace & Associated Training Challenges

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Overall Classification: **UNCLASSIFIED**

Framing Thoughts

- Complexity
- Doctrine
- Unity of Effort
- Speed
- Perspective



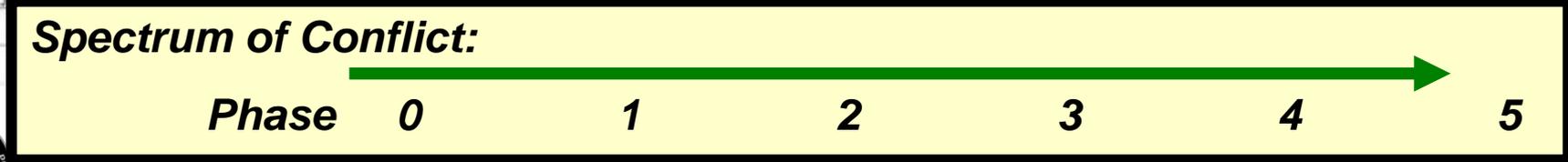
THE OPERATIONAL ART OF FIGHTING IN AND THROUGH CYBERSPACE



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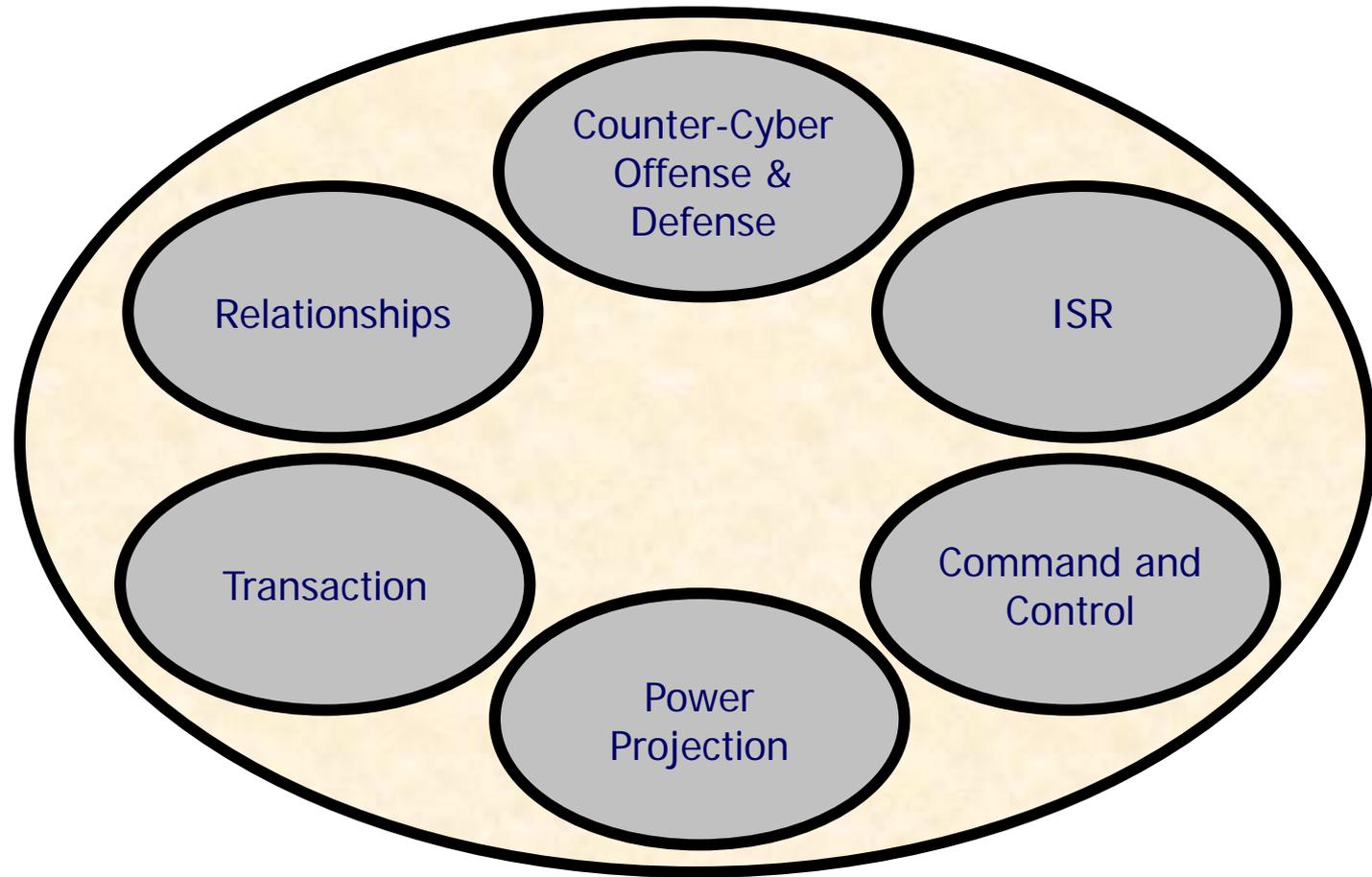
Fighting in the Cyber Domain

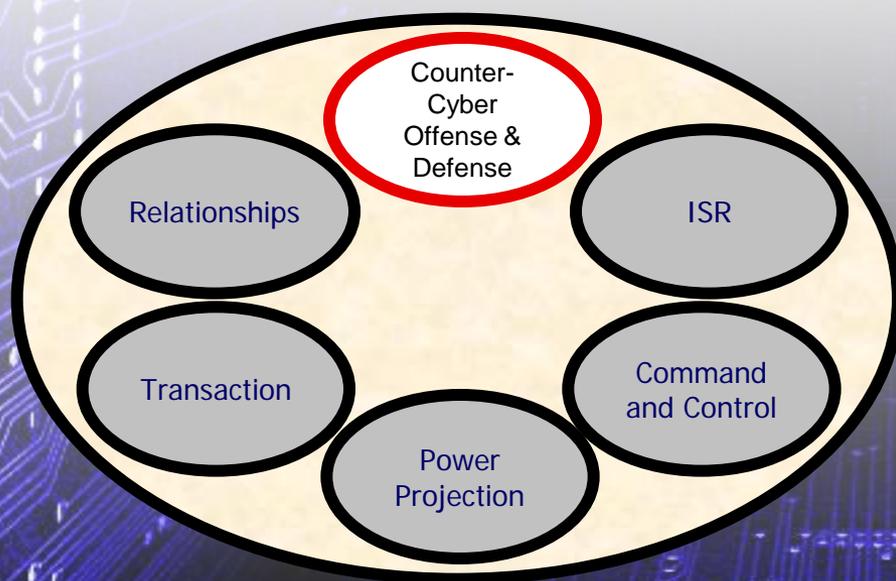
- Domains:**
- Land
 - Maritime
 - Air
 - Space
 - Cyber



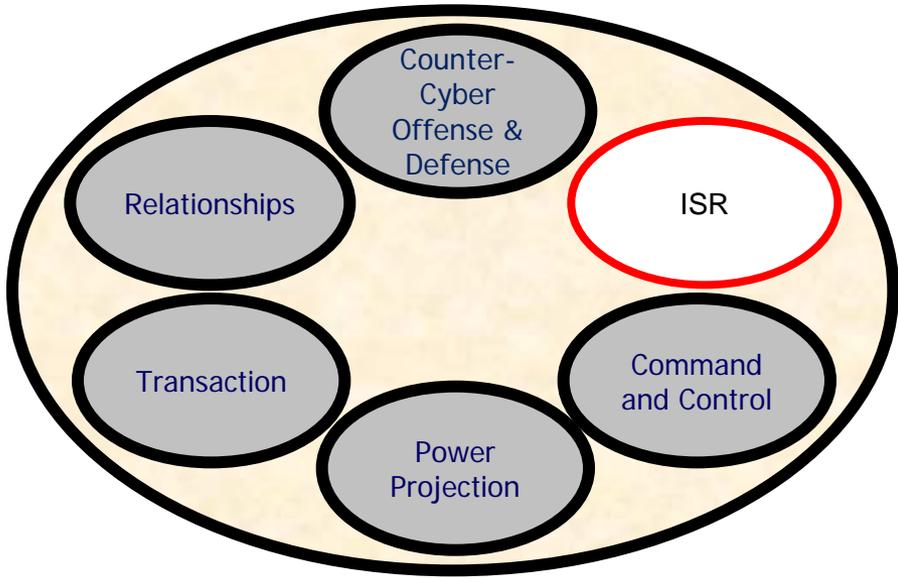
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Cyberspace Mission Sets





- Defend our ability to use cyberspace
- Deny adversary use of cyberspace
- Respond to attacks in cyberspace
- Recover cyberspace operations & capabilities



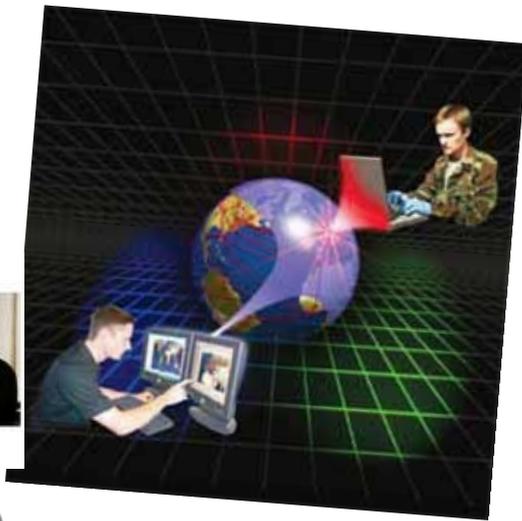
Operational Preparation of the Environment

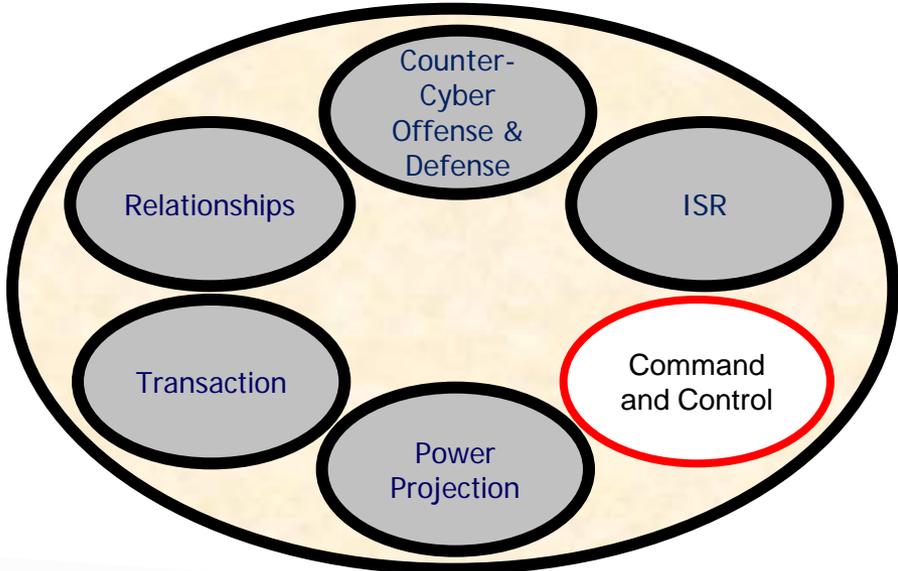
Cyber Threat Identification



Socio-Cultural Analysis

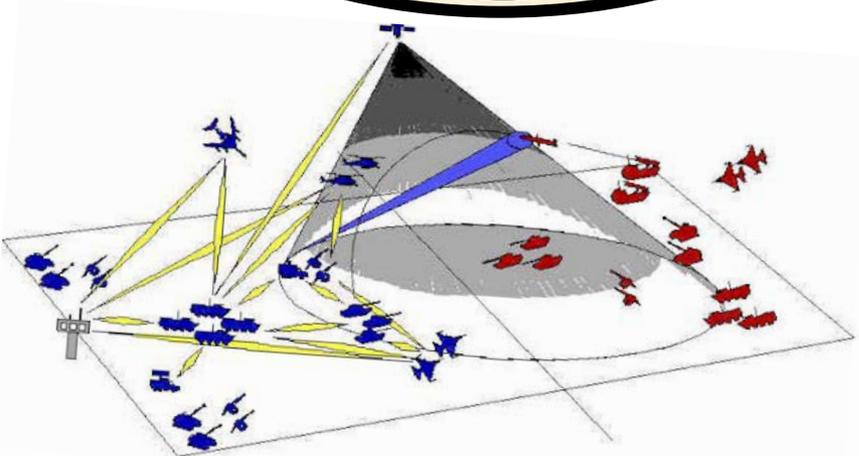
“Where is _____?”



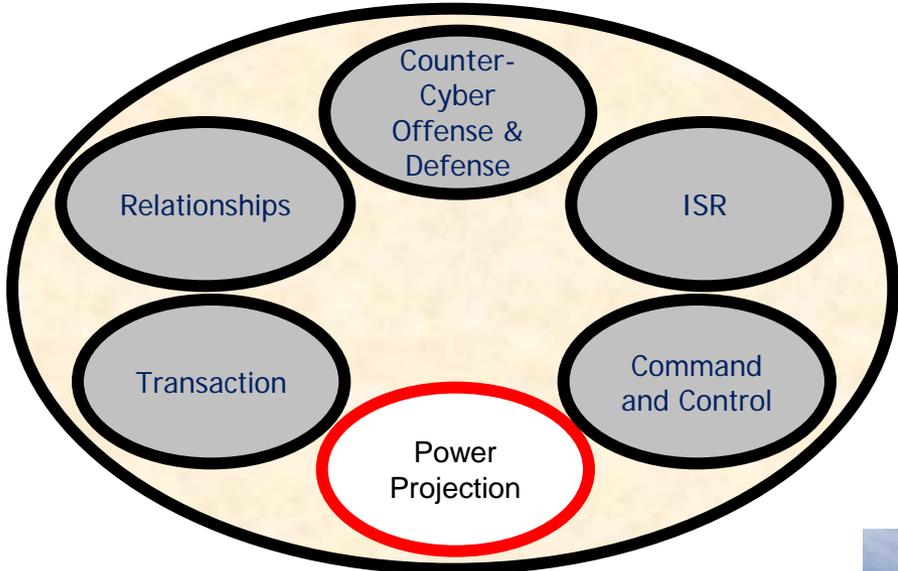


Common Operating Picture

Provide direction



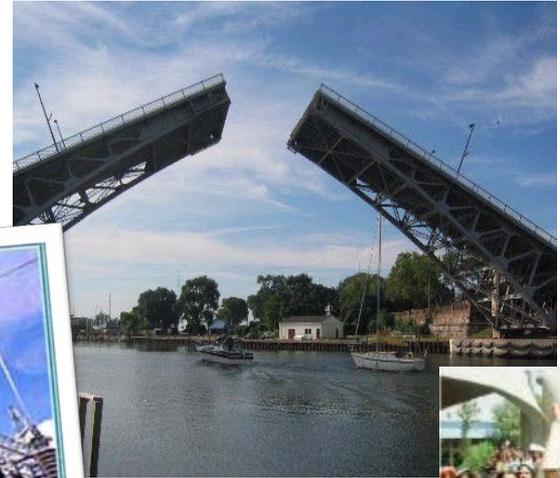
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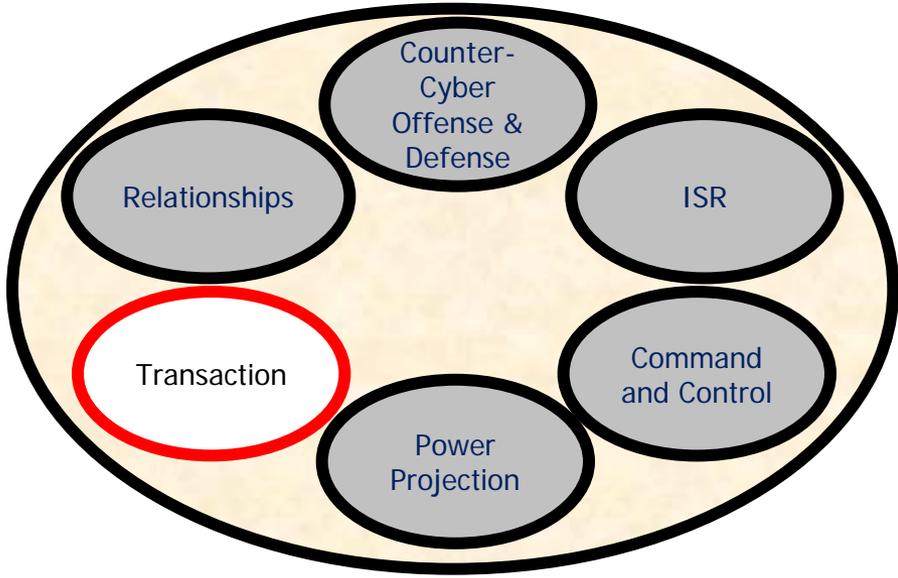
Electric Grids

Drawbridges

Change perceptions



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Buy fuel



Telemedicine



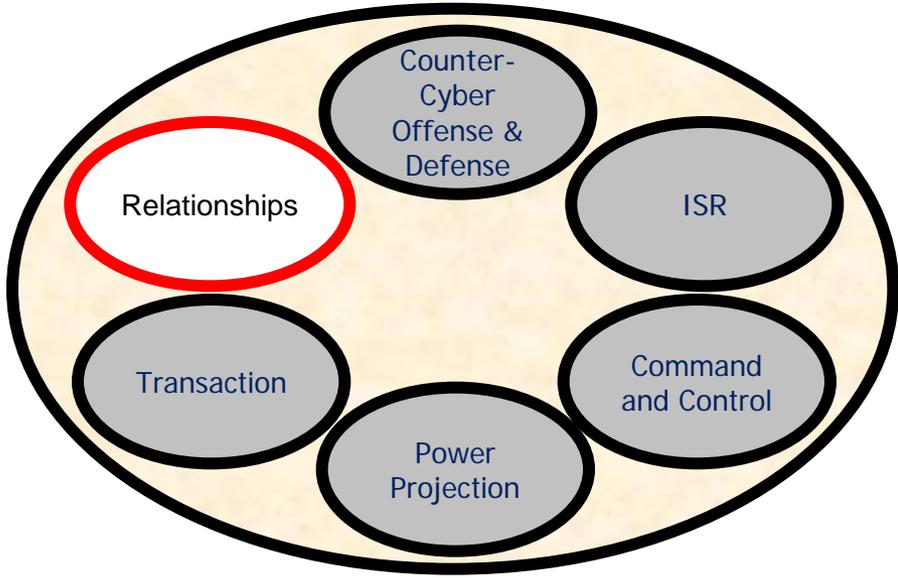
Supplies



Contracting



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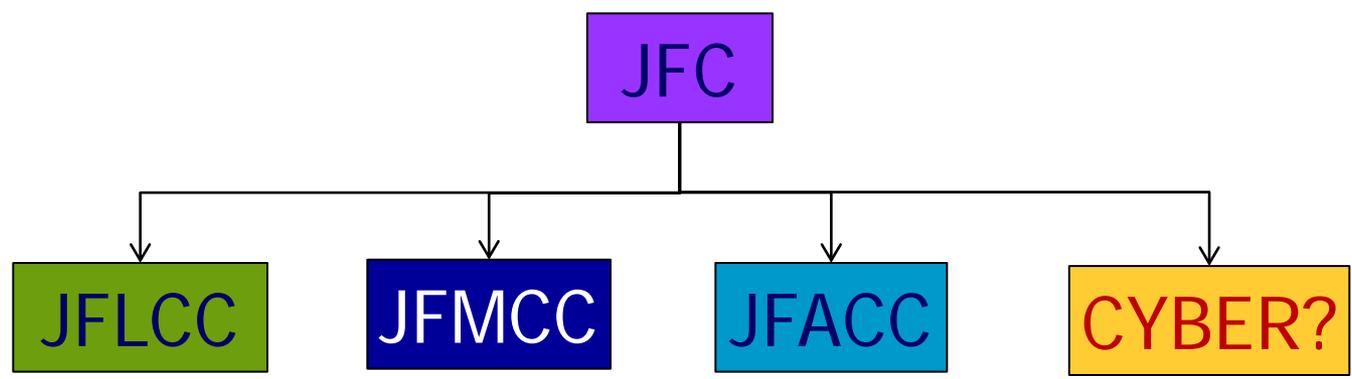
Twitter/Facebook/Linked In

Blogs

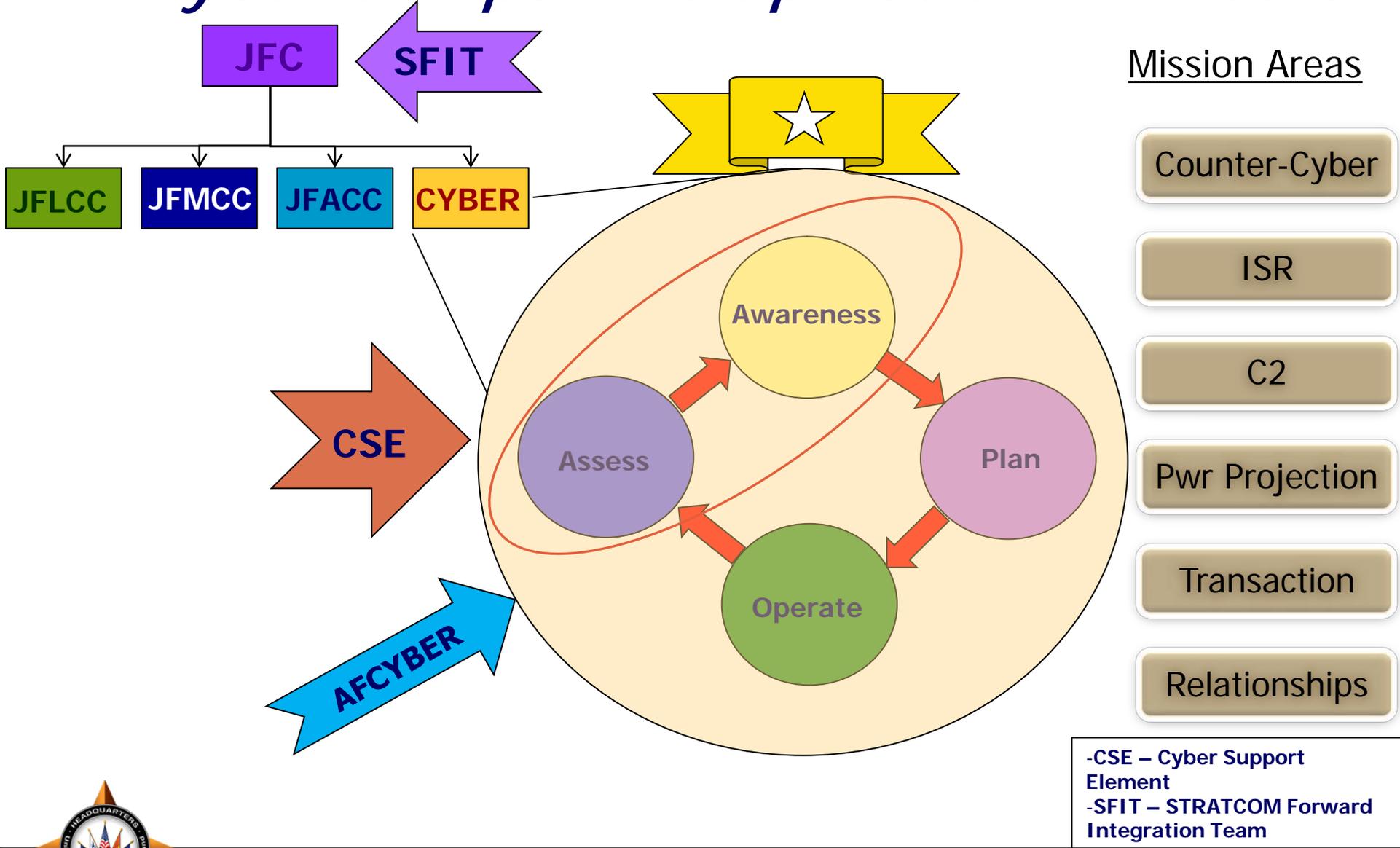


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Cyber Component



Cyber Component Operational Process



Way Ahead

- Cyber Component
- Austere Challenge
- 7th Cyber Mission Set?



HELP US CONTINUE THE DIALOG



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QUESTIONS



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