OPAL
Interoperable. Independent. Agile.

IAI

Where Courage Meets Technology

OPAL
Decentralized Battle Management Cloud

OPAL provides seamless real-time interoperability between diverse, multiple air, land and sea platforms and forces. OPAL generates a comprehensive and dynamic common battle picture to maximize efficiency and survivability among network participants.

Connect
- Real-time, self-forming & self-healing network
- Robust & jam resistant
- Highly scalable to support hundreds of entities

Share
- Generic infrastructure supports multiple applications
- Secure data, voice and video sharing
- Realtime Common Operating Picture

Act
- Optimized mission allocation
- Collaborative targeting & threat sharing
- Real-time Collision Avoidance

Increase operational efficiency & lethality
- Enhanced mission performance
- Enabling interoperability among different forces/platforms
- Optimized resource utilization

Improve survivability & mission safety
- Reduced exposure time
- Enhanced identification of friend/foe
- Improved in-flight safety

Save time & money
- Minimized implementation time & costs
- Effective training via Virtual/Augmented Reality
- Flexible SDR, datalink and C2 selection