Collaboration Challenges for Transformational Communications

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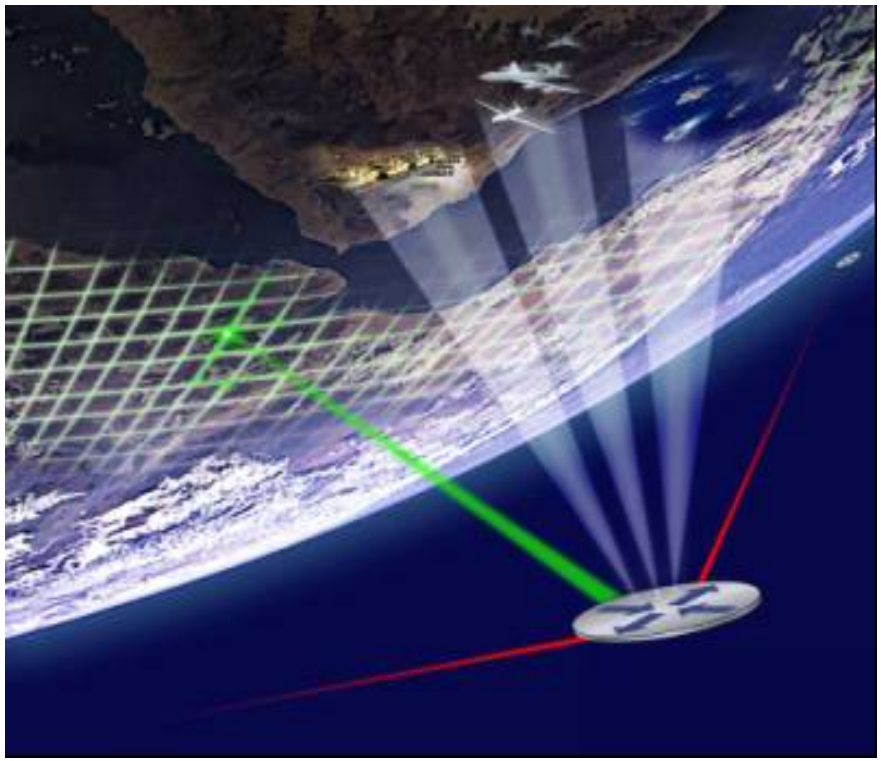
Transformational Communications (TC) Vision

The internet-like transport architecture of the Global Information Grid (GIG) linking space, air and ground nodes

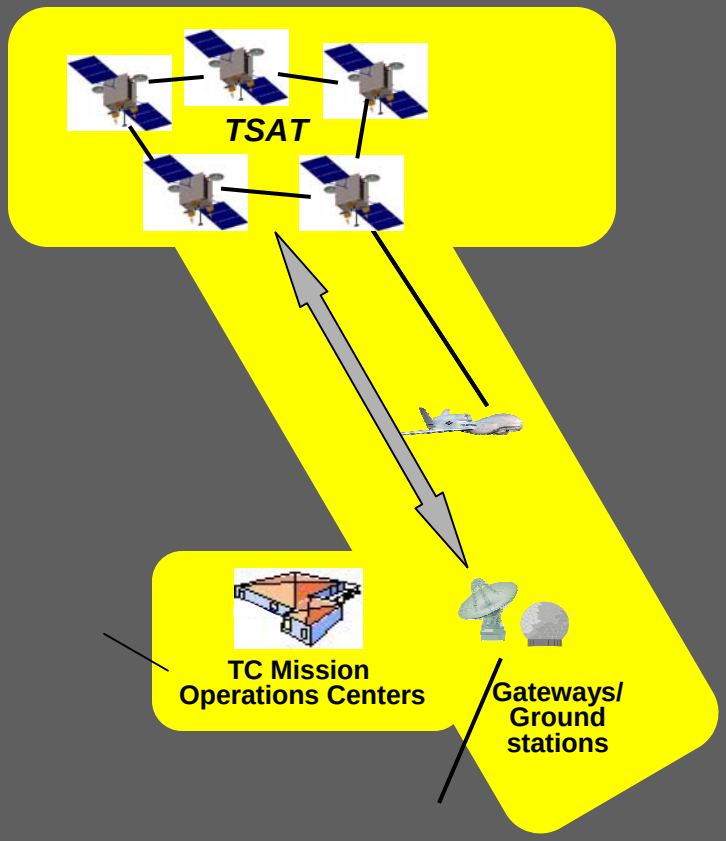
- **Integrated Space, Air and Ground Networks**
- **Global access to deployed / mobile Users (COTM)**
- **Timely delivery of air and space data to Theater and CONUS (AISR, SISR support)**
- **Automated, dynamic, high assurance network operations**
- **Increased capacity and connectivity: RF and laser communications network**

Network of Networks



Enable Future Innovations and Growth Through A Flexible Yet Secure Network Architecture

TC Architecture Circa 2015



Plus SE&I Support

AF TC Acquisitions

Net-Centric Communications Requires Collaboration

- **Acquisition**
  - **Collaboration across contracts and contractors**
  - **Synchronization of programs across multiple organizations**
  - **Common standards, protocols, and interfaces**
  - **Common information assurance framework**
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- **Operations**
  - **Shared common operational picture**
  - **Coordinated responses to network security threats and attacks**
  - **Consistent network policies**
  - **Consistent Service Level Agreements**
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