Intelligence Community Communications Architecture

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Communications and Network Services providing a secure, reliable, survivable, global transport intranet to enable ICSIS
A collaboration and information sharing architecture based on the success of Intelink

Focused on greater information sharing within SCI, collateral and SBU domains

Builds on what we have within the IC
  – Agencies have committed new applications

Provides a single place to go to for many IT services
  – New centralized services to the community

Provides supporting infrastructure for new systems being developed for the community

Enterprise-wide solutions among IC members for common services.
Provides IC customers with consistent interface to the IC.
• Web, Metadata, and PKI-enabled applications and data bases
• Common information sharing and collaboration services
• Direct communications networks within a domain
• Trusted interfaces for transfer of information between domains
Services for ICSIS Users

ICSIS Applications & Databases
- Collaborative Intelligence Applications

TCP/IP Networks
- Reliable, secure, routable network services

ATM
- Dynamic, secure, switched, flexible infrastructure

SONET
- Reliable, secure bulk data transport

WDM
- Wavelength services
  - Very high speed, secure, high capacity lines

ICSIS
- JWICS
- ICSIS Users
- GIG BE
- IC CONUS/OCONUS
- Wash. Metro IC Network
Communications Support

- **Defense Information System Network (DISN)**
  - Point-to-point communications transport at select global locations.
  - Quality feedback

- **Global Information Grid Bandwidth Expansion (GIG BE)**
  - Usable deployment starting within 12-18 months
  - Primary services at non IC supported locations worldwide
  - Backup support to primary IC transport services

- **Defense Satellite Communications System (DSCS)**
  - Used for fixed and deployed services.
  - Cost effective, but limited capacity.

- **Quick Reaction Surge Support**
  - Ad hoc transport surge for global crisis support; i.e., Intelligence support for force protection, Afghanistan, etc.
IC Partnership with DoD

- Shared use of communications transport to provide cost effective support and greater reach for our mission partners

- Joint planning for new communications services to improve effective use of scarce investment resources

- Joint standards and implementation planning to promote interoperability and quicker provisioning of services
  - Participation in both governance processes promotes better understanding between partners