



Operational Logistics Information Technology

“the itch”



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Operational Requirements for Data



Visibility of...

Visibility of 14 different categories

- ✓ **Assets in Transit (USTRANSCOM)**
- ✓ **Assets in Storage / Process (DLA)**
- **Fixed Infrastructure Capabilities (Static) (OSD, JS J4/J8)**
- **Unit Static Information (doctrinal capabilities) (CFDB)**
- **Location of Units (GCCS-J and JC2)**
- **Availability of Units (Global Force Management)**
- **Readiness Reporting Information (GFM/Defense Readiness Reporting System)**

Purple = Near Real Time
Red = more static (from data base)

Operational Requirements for Data



Visibility of...



- **Assets in War Reserves / Prepositioned Stocks**
(Service/Agency data/systems)
- **Commercial / Vendor Support** (?)
- **Assets / Capabilities of Host Nation Support** (?)
- **Visibility of Personnel (specialty skills, status) (DIMHRS)**
 - patient tracking (TRAC2ES)
 - DoD Civilians and Contractors (DIMHRS)
- **Dynamic Infrastructure (weather, threat, etc) (I-3)**
- **Consumption / Planning Factors (Static or Dynamic) (?)**

Purple = Near Real Time
Red = more static (from data base)

Data becomes information



Joint Decision Support Tools

- **Projections**
- **Course of Action Development / Analysis**
- **Logistics Estimate Planning**

*135 of 266 tasks
requires some form
of JDST*

GCSS FOS

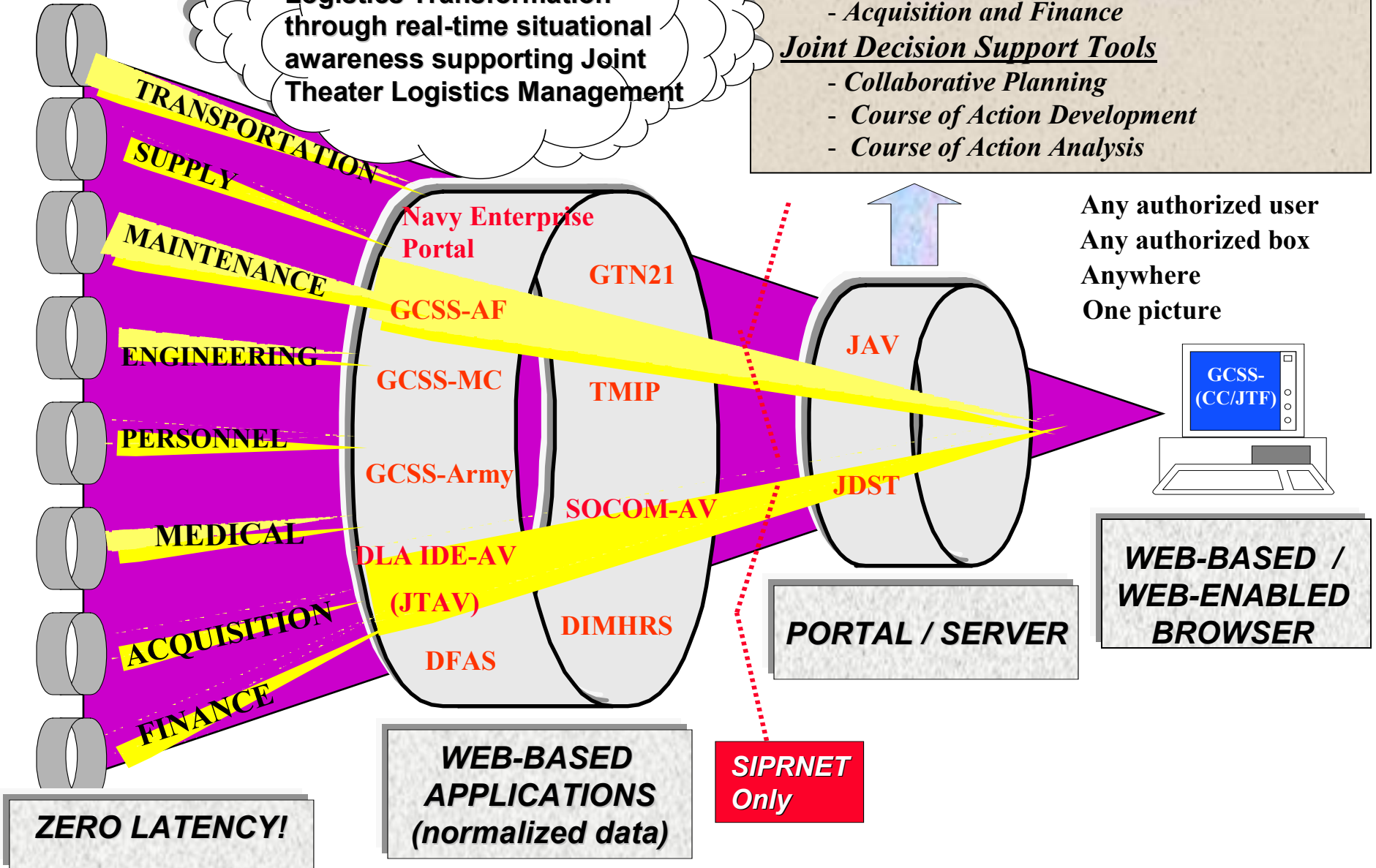
Logistics Transformation through real-time situational awareness supporting Joint Theater Logistics Management

• Joint Asset Visibility

- Mobility, Transportation, Movement
- Logistics (Supply, Maintenance, Engineering)
- Personnel and Force Health Protection
- Acquisition and Finance

Joint Decision Support Tools

- Collaborative Planning
- Course of Action Development
- Course of Action Analysis



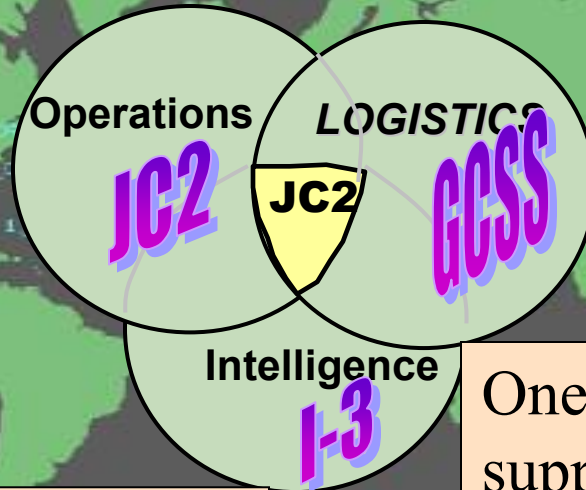


GCSS (CC/JTF) Objective



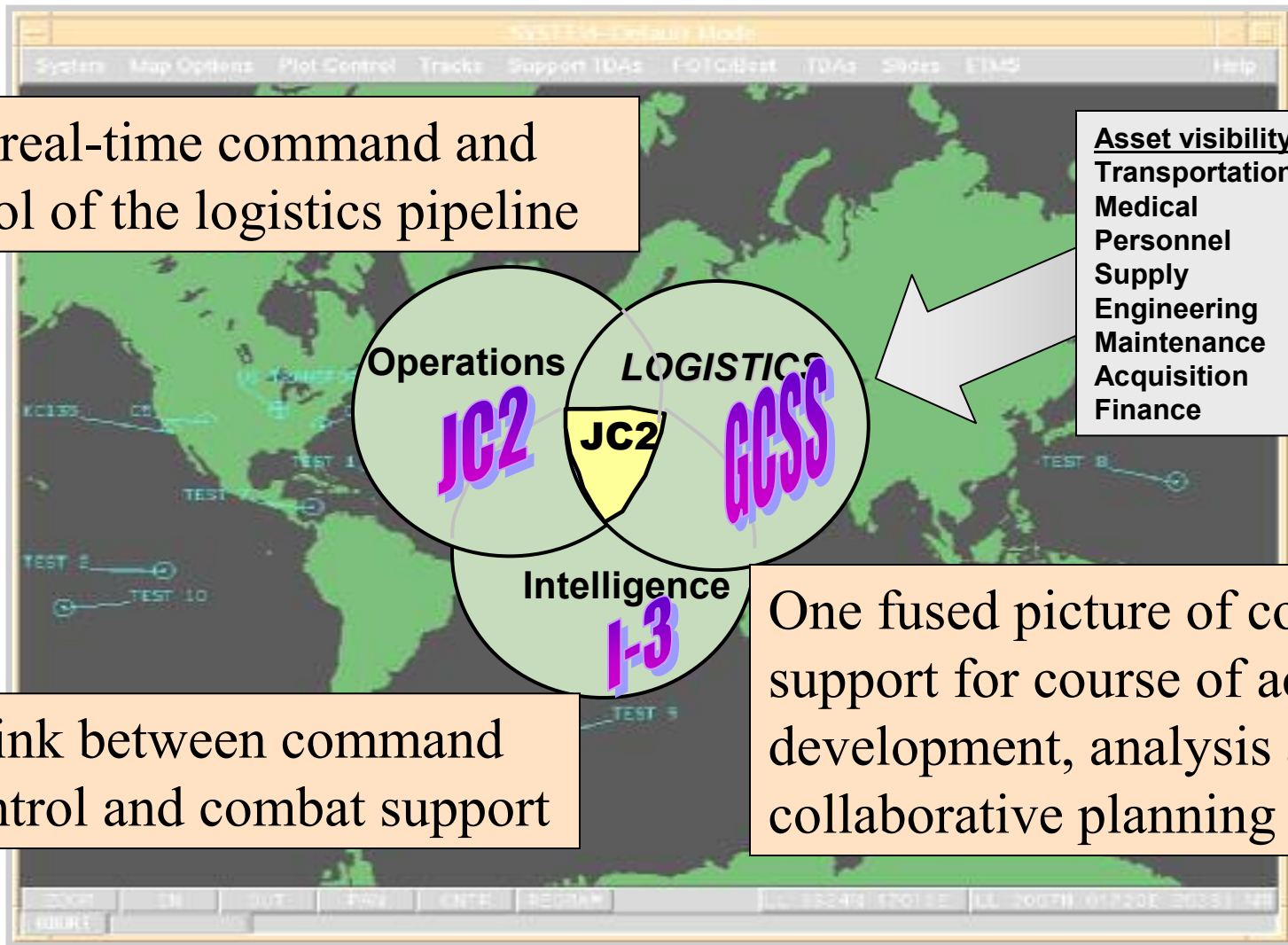
Near real-time command and control of the logistics pipeline

- Asset visibility
- Transportation
- Medical
- Personnel
- Supply
- Engineering
- Maintenance
- Acquisition
- Finance



Close link between command and control and combat support

One fused picture of combat support for course of action development, analysis and collaborative planning



“Power Point” to execution is difficult !



Top 10 Issues...

- **Data interoperability (data standards, integration and normalization)**
- **Linkages between SIPRNET and NIPRNET –**
- **Role-based access (NII)**
- **Information Assurance – NII Enterprise Services**
- **Net Centricity/Net Service – When is it coming?**



“Power Point” to execution is difficult !



Top 10 Issues... (continued)

- **ERP vice other functional legacy systems**
- **Service/Agency comm infrastructure – Log Transformation Roadmap Issue**
- **Business rules for NIPRNET info exchange – E-IDE**
- **Automatic Identification Technology (AIT) / Automated Info System (AIS) Interface – Log Transformation Roadmap Issue**
- **Interoperability including Inter-agency / Coalition / Host Nation – everyone involved!**

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Questions??



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