

Binary Consulting

Flowing Focused and Relevant Information to the Edge through Semantic Channels

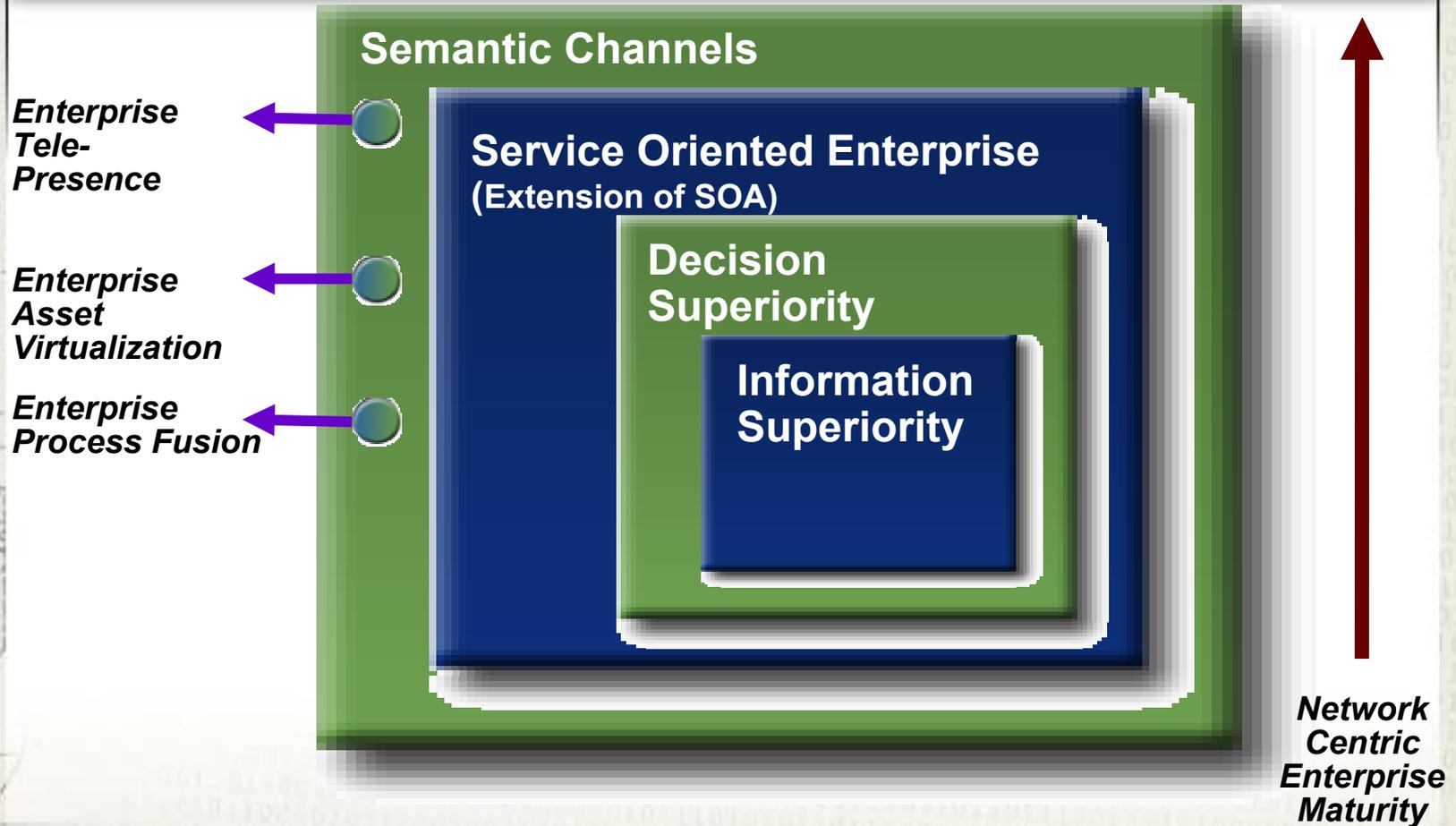
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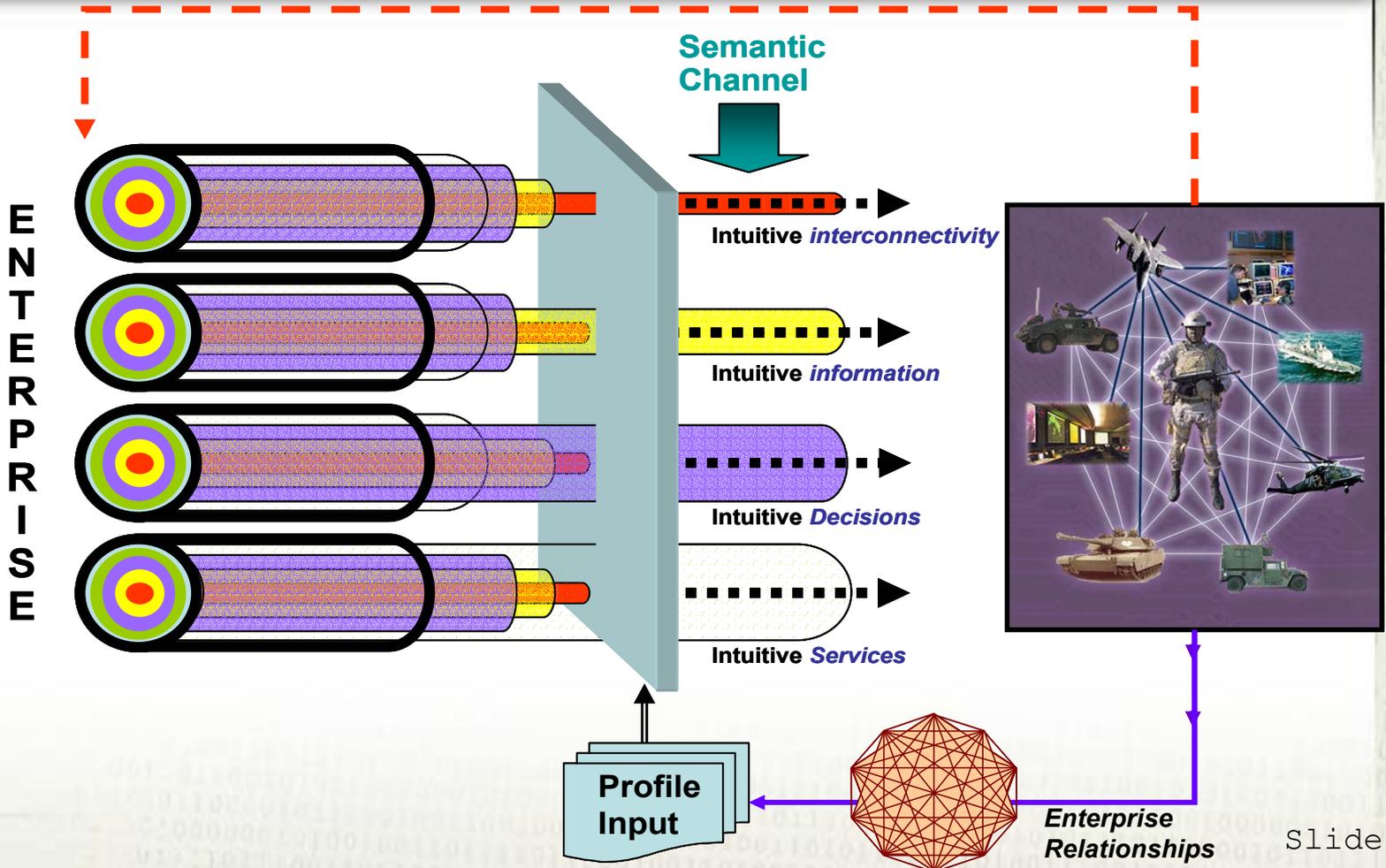
Overview

- ❑ Network-Centric Enterprise Roadmap
- ❑ Semantic Channel Concept
- ❑ Semantic Channel Example
- ❑ Semantic Foundation
- ❑ Enterprise Insertion Challenge
- ❑ Steps towards Semantic Channels
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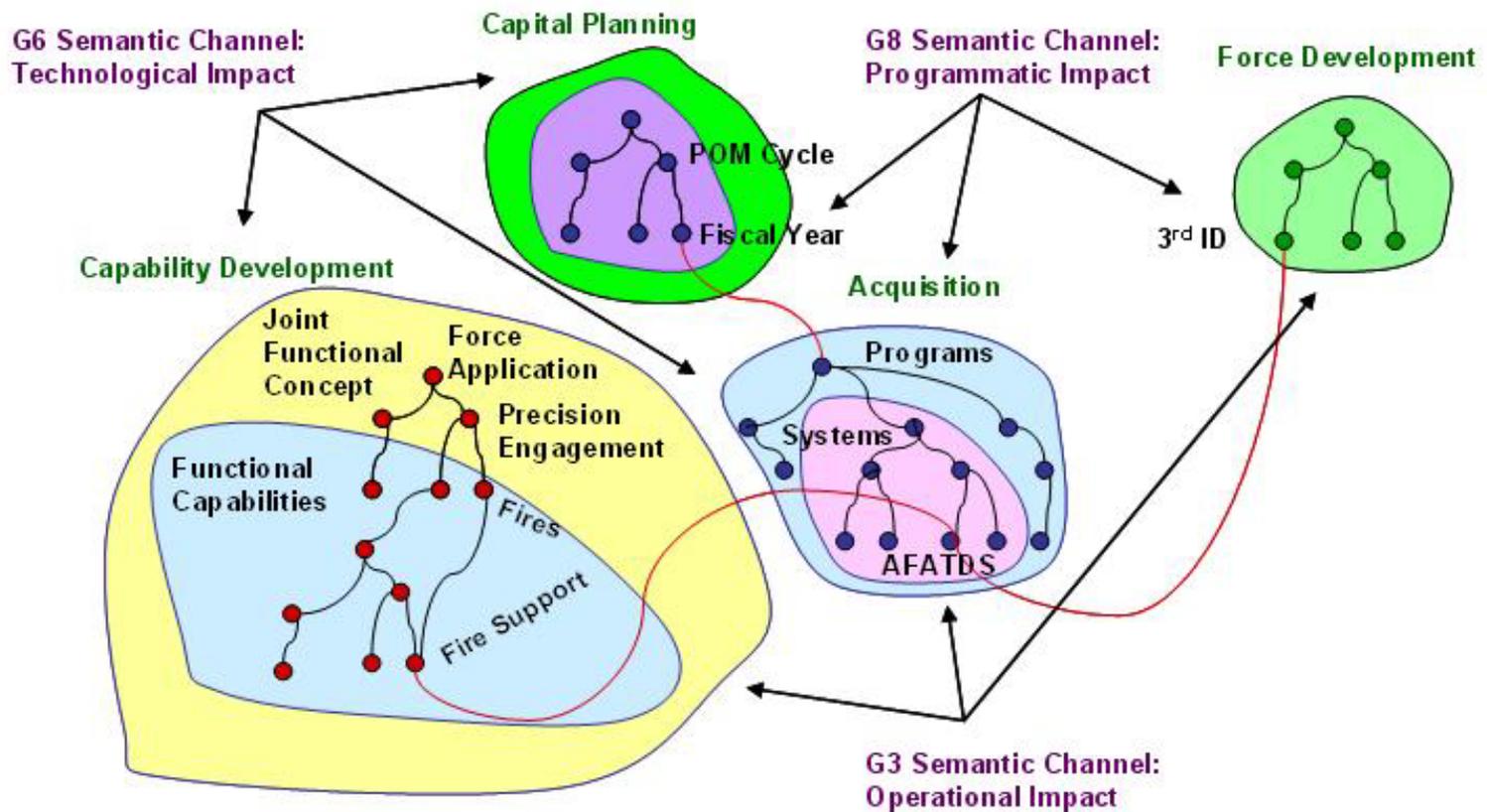
Network-Centric Enterprise Roadmap



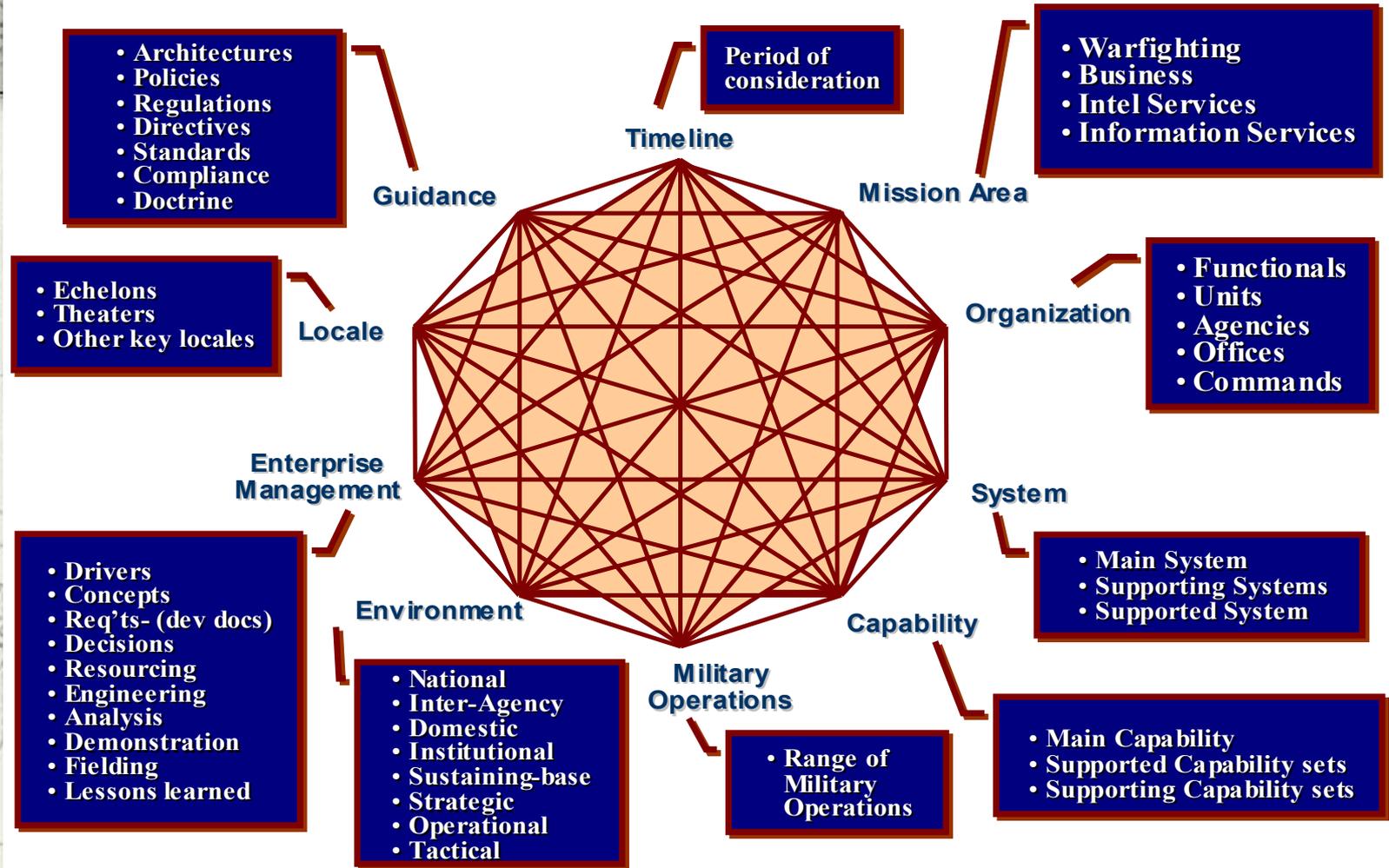
Semantic Channel Concept



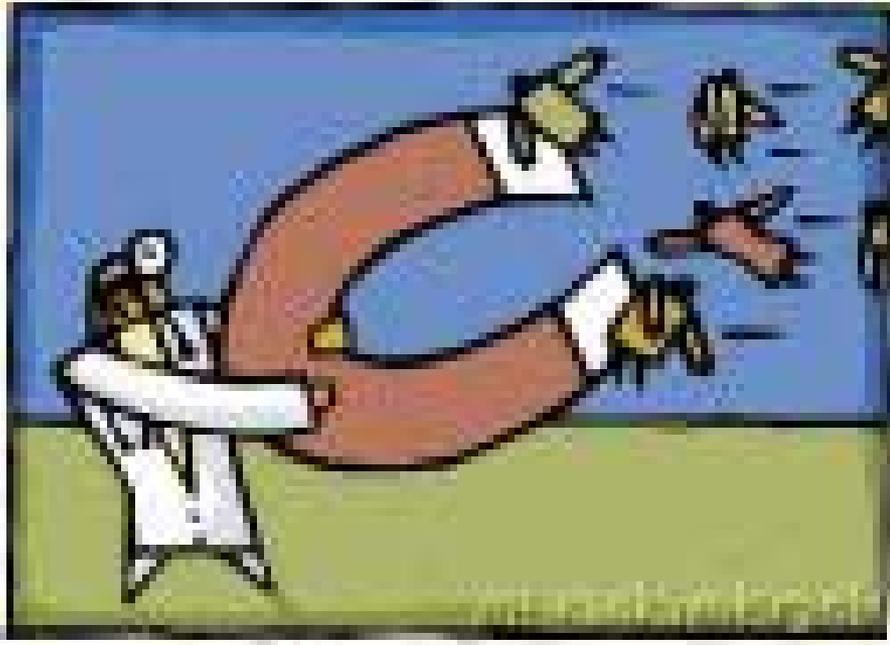
Semantic Channel Example



Semantic Foundation



Enterprise Insertion Challenge



Steps towards Semantic Channels

- **Establish Compelling Pattern**
 - Simple, "Google-like" Interface
 - Support Multidimensional Filters
 - Display & Navigate Results via Portlets
 - Local Development & Federated Governance
 - Centralized Architecture & Framework Funding
 - Immediate, Local Benefit
- **Spiral Delivery to the Enterprise**
 - Institute Governance and Change Management
 - Define Roles and Policies
 - Define Decision Cycle Information Set
 - Identify Authoritative Information Sources
 - Establish Triggers, Transforms and Filters
 - Develop Enabling Services

Preliminary Army Results

Advanced Search

Type:

Architecture

Add Search Criteria

Functional Capabilities

Equals

Communications

Add

- Accounting/Finance
- Acquisition
- Battle Command
- Battlespace Awareness
- Civil Works
- Communications**
- Computing Infrastructure
- Core Enterprise Services
- Enterprise
- Fires
- Focused Logistics
- Force Applications
- Human Resource Management
- Information Assurance
- Installations & Environment
- Joint C2
- Net-Centricity
- Protection
- Strategic Planning & Budget
- Unfiled

Code Type Equals 'Units : Active Army : 3rd Infantry Division' (registered)
Timeline Equals 'POM : FY06-11' (registered)
Functional Capabilities Equals 'Communications' (registered)

Remove

Returned assets meet **all** criteria added to this box.

Results (continued)

Flashline Registry™

Assets Projects My Stuff Reports Admin Resources Marketplace Registry Request Help

Assets

Submit an Asset
Edit / Manage Assets

Asset Search

Keyword
3id

Asset Type
Component

Associated Functional Capability
Fires

Search

Advanced Search

Browse Asset Tree

Results (1)

| Name | Version | Asset Type | Registration Status |
|--------|---------|------------|---------------------|
| AFATDS | 6.3.2.0 | Component | Registered |

Asset: AFATDS (6.3.2.0)

View Access Subscribe Use / Extract Edit

Overview

AFATDS (6.3.2.0)

Description:
ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM: The AFATDS is an automated fire support command and control (C2) system. AFATDS automates the fire planning, tactical fire direction, and fire support coordination required to support maneuver from the sea and subsequent operations ashore.

Operational Impact: AFATDS is the primary Commanders Fire Support Coordination System employed from MEF to Battery level operations.

Associated Functional Capabilities:

- C2
- Communications
- Fires

Relationships

- ▶ **Related Node:** 3ID
- ▶ **Related Capability:** Beyond Line of Sight (BLOS)
- ▶ **Related Architectures:** 3ID Architecture (AFATDS)
4ID Architecture (AFATDS)

System Characteristics

System Components: Table Detail ▶

Quantity Fielded: 617
AAO: 531 (Approved)

Deployments

For More Information

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