

# Supply Chain Management: Defense Considerations



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Supporting critical missions  
for Intelligence, Defense,  
Homeland Security, Healthcare,  
and Federal Civilian customers



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## Over 50 Years Helping Customers Meet National Priorities

- \$3.7 billion annual revenue
- Fortune World's Most Admired Companies – 6<sup>th</sup> in IT Services
- Fortune 1000 Largest Companies in America
- 13<sup>th</sup> in Top 100 Federal Prime IT Contractors – *Washington Technology*
- Over 15,500 employees, some 70% with security clearances
- Consistently recognized as a top employer of veterans, who make up approximately 20% of our workforce
- Character-based culture of ethics, integrity, and operational excellence
- Headquartered in Arlington, VA



# Serving National Priorities



**Business Systems**

**C4ISR**

**Cyberspace**

**Enterprise IT**

**Geospatial**

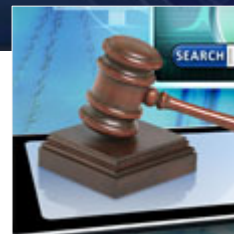
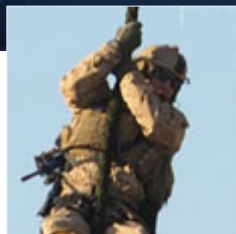
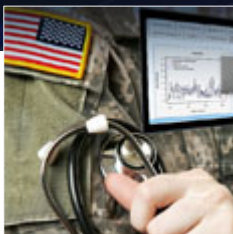
**Healthcare**

**Integrated Security Solutions**

**Intelligence**

**Investigation and  
Litigation Support**

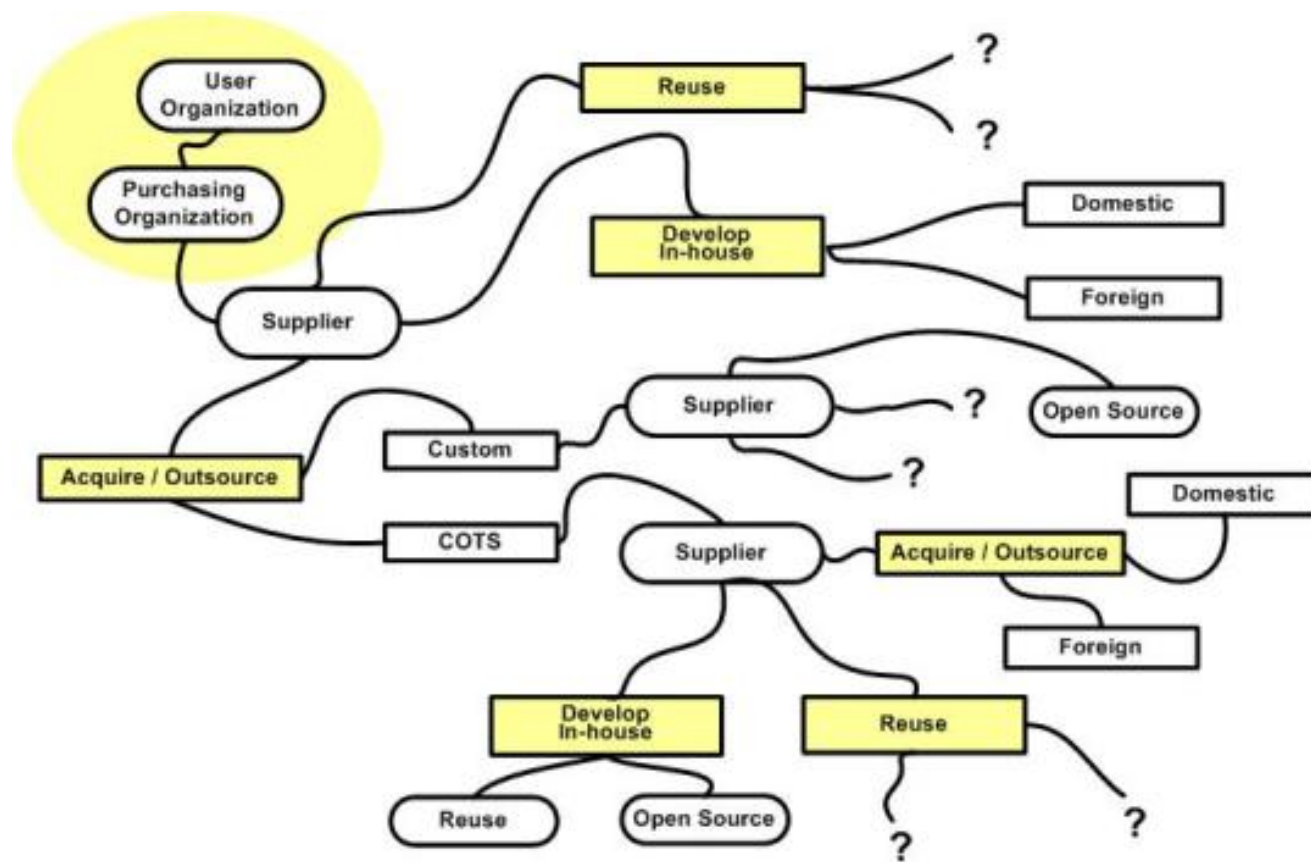
**Logistics and Material  
Readiness**



# Implications of Supply Chain

- **Status of goods, services, and products must be transparent**
- **Traceability and authentication of any item's Pedigree must be validated**
- **Behavior of products and services must be assured**
- **Transport and storage of items must be secure**

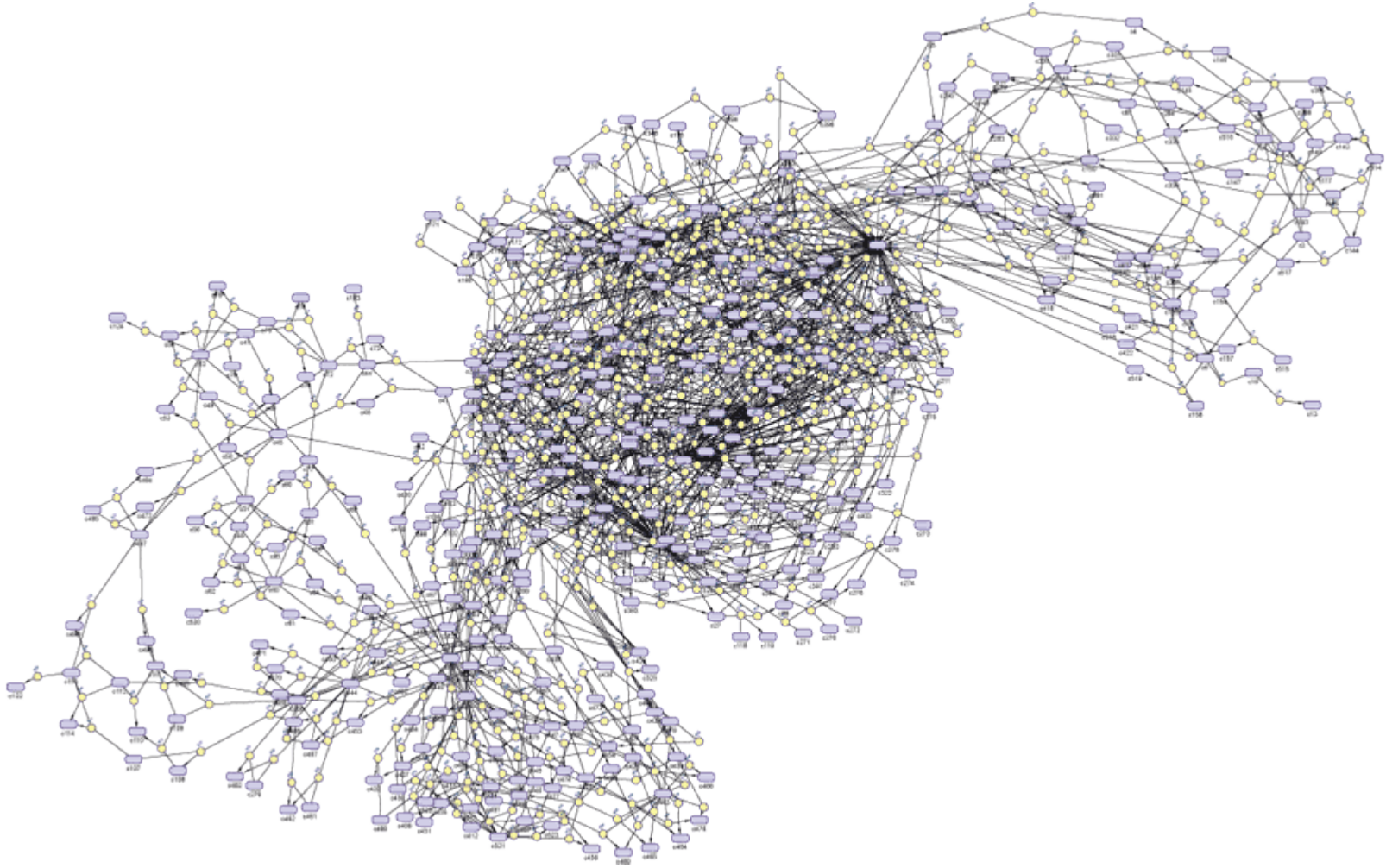
# How Hard Can That Be?



Potential Software Supply Chain Paths

[<https://buildsecurityin.us-cert.gov/swa/forums-and-working-groups/acquisition-and-outsourcing>]

# For Complex Supply Chains, It's Really Hard!





## Finding the Weakest Link

Supply Chain vulnerabilities provide easy access to systems that are critical to our Nation's security.

Counterfeit parts lack quality and the performance required to perform difficult missions.

Adversaries look for weaknesses and infiltrate the supply chain with components that have "extra" capabilities.



## Why is this important?





## Implications of Failure

Complex systems developed by Defense Contractors support DoD, homeland security, law enforcement, border security, emergency response, and disaster relief missions in coordinated and controlled operational settings.

Failure of components or software to perform as intended place lives and missions at risk.

# Criticality of the Supply Chain to Support National Security



## Implications of Failure

Complex systems help our Nation stay ahead of evolving threats, protect mission-critical systems, and ensure information confidentiality, integrity, and availability.

Supply chain failures and vulnerabilities have far reaching implications in supporting our Nation's critical infrastructure.



# The Supply Chain Supports our Nation's Critical Infrastructure



# Controls: Secure Supply Chain Management

ISO 28000/ISO 27001/CERT-RMM/NIST Cyber Security

Founded on Threat Management Delivering Supply Chain Resilience

*Identification-Prevention-Detection-Response-Recovery*

## Threats/ Attacking Agents

Counterfeit Parts  
Collusion  
Fraud  
Espionage  
Environment  
Nature  
Thief  
Piracy  
Spillage  
Terrorism  
Contamination  
Sabotage (Open  
Source Code)  
Viruses/ Malware  
Insider Threat

## Security Controls

InfoSec  
Supplier Management  
Compliance  
GPS Carrier Tracking  
Counterfeit ID Program  
Malware Detection  
Operations Security  
Incident Mgmt  
Access Control  
Asset Mgmt  
Environment Security  
Physical Security  
Hazmat Program  
HR Mgmt  
Training Program(s)  
Preparedness Testing

## Supply Chain Management

Systems Manage all aspects of the Supply Chain  
\$, Tracking, Configuration, Inventory,  
Custodianship...

Connection/Network

Development /  
Configuration

Transport

Procurement

Storage

Configuration/  
Integration

Transport

Customer /  
Consumer

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# Questions?



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