



Secure Information-Sharing in the  
Global Aerospace and Defense Industry

Aerospace Industries Association  
Southeastern Regional Meeting

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# Transglobal Secure Collaboration Program (TSCP)

- Government-industry partnership specifically focused on **mitigating the risks related to compliance, complexity, cost and IT that are inherent in large-scale, collaborative programs that span national jurisdictions.**
- To do business in the world today, A&D companies must balance **the need to protect intellectual property (IP)** while demonstrating willingness and ability to meet contractual requirements from government customers for auditable, identity-based, secure flows of information.



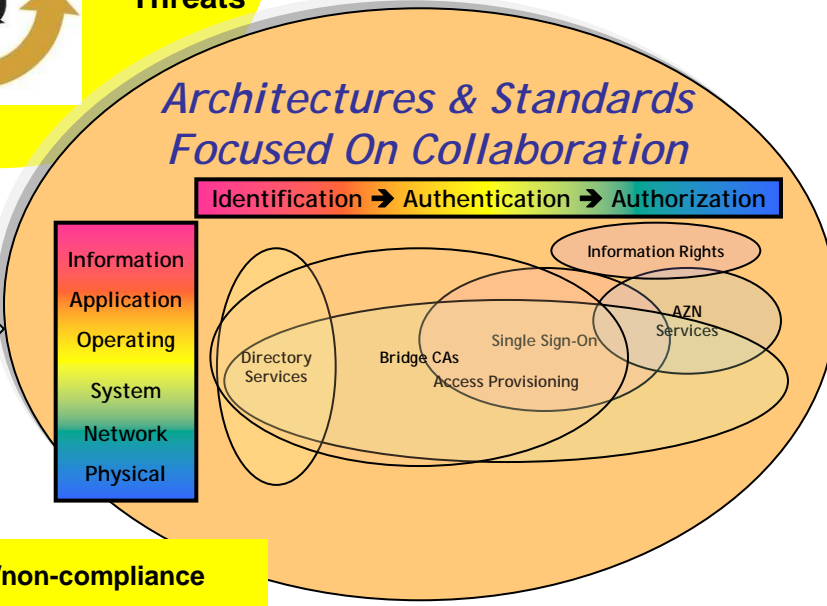
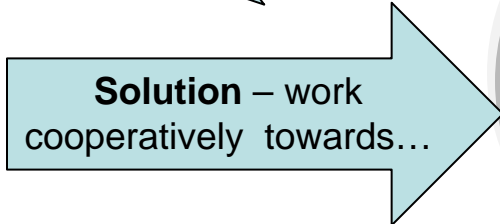
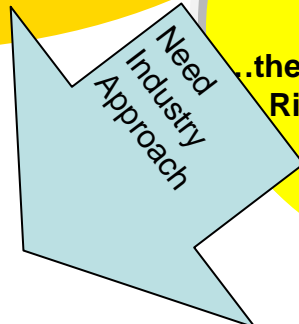
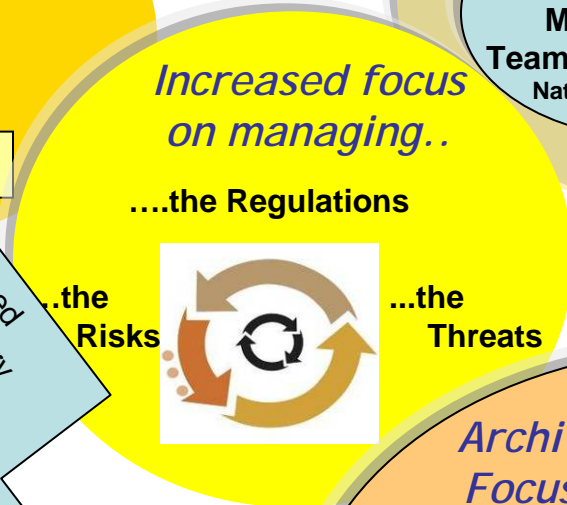
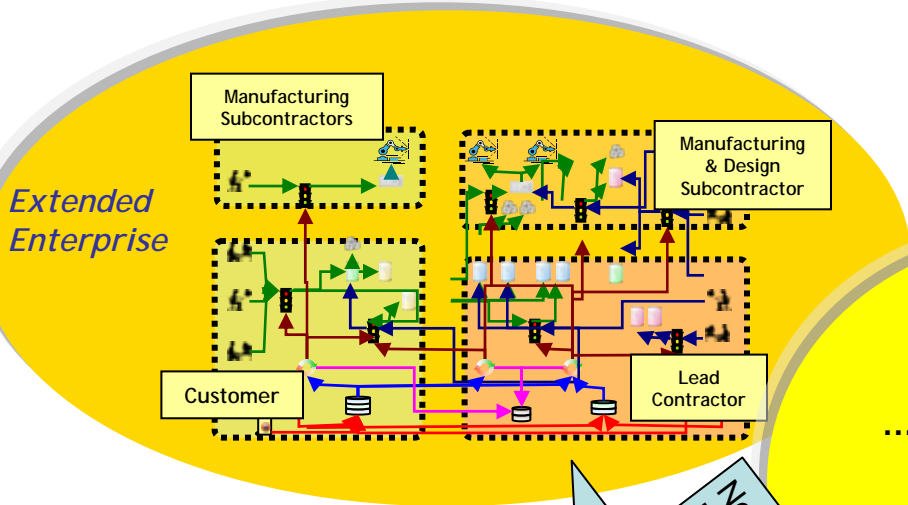
- ActivIdentity
- Bolden James
- WAVE

## Common Framework for Federated Collaboration

- **Identity Management & Assurance:**
  - Provide assurance that collaborative partners can be trusted
  - Meet government agencies' emerging requirements for identity assurance across domains
  - Establish common credentialing standards that accommodate and span national jurisdictions
  - Protect personal privacy data of employees
- **Data Protection:**
  - Define fine grain access right attributes for data labeling and data right's management
  - Establish "Application Awareness"
  - Demonstrate compliance with export control regulations
  - Protect corporate IP in collaborative and other information sharing programs
- **Facilitate Secure Collaboration:**
  - Provide collaborative toolsets that will interoperate with customers and suppliers
  - Facilitate re-use collaborative capabilities among multiple programs



# Aerospace & Defense (A&D) Industry Challenges



- Solutions can't be done independently by every enterprise
- Requires a cooperative 'team' approach to avoid unique solutions that will drive cost
- Need acceptance by Government Agencies
  - E.g.. State Dept., DoD, Commerce, etc.

- The Risks – the cost of compliance/non-compliance
- The Threats – Cyber warfare – hackers – disruptors
- The Regulations – Meet ITAR and export regulations

# TSCP - Background

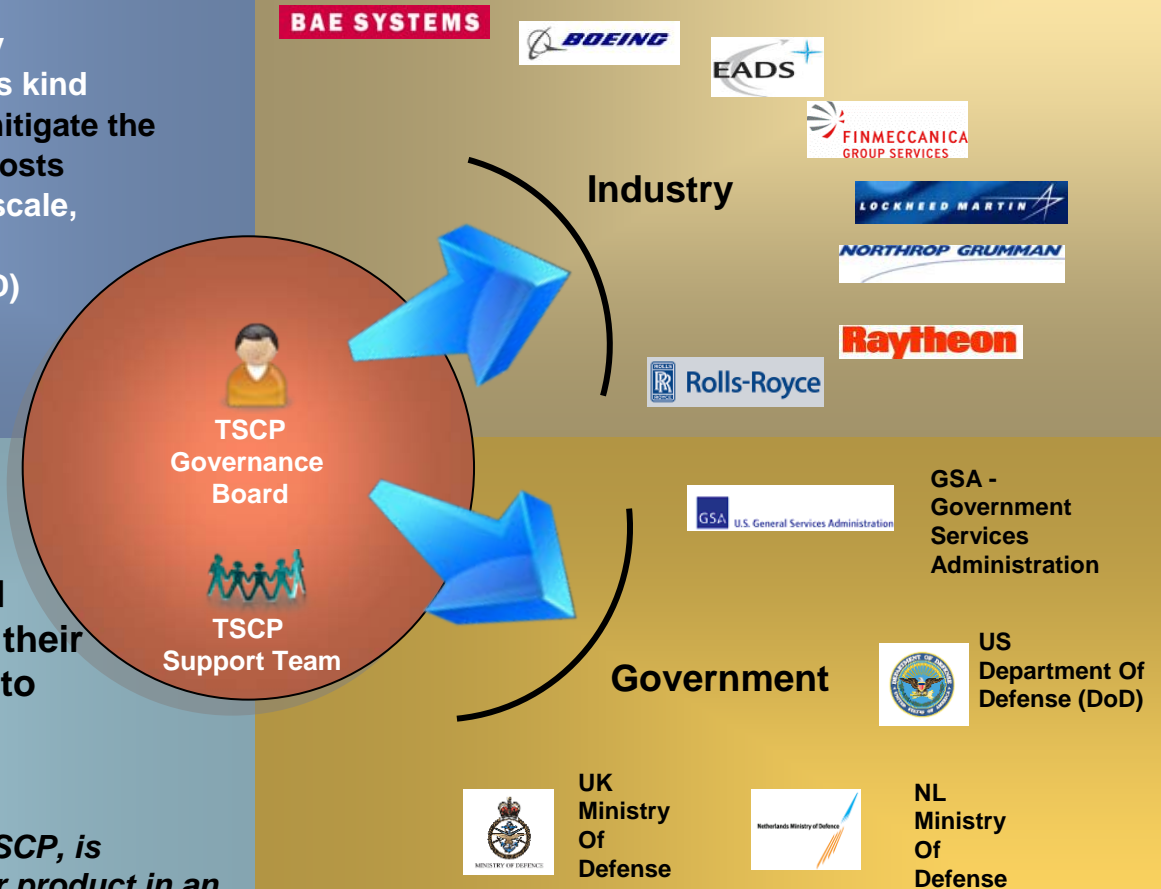
## The Transglobal Secure Collaboration Program (TSCP)

- established in 2002 – TSCP is the only government-industry partnership of its kind founded to specifically address and mitigate the risks of compliance, complexity and costs inherent in Programs requiring large-scale, collaborative IT capabilities and address Aerospace & Defense's (A&D) security issues that span national boundaries.

- TSCP members represent a sizable **consumer community**.
- TSCP members combine their need for standards-based solutions with their buying power to **influence vendors** to address TSCP identity and security requirements.

*Example: Microsoft, now working with TSCP, is addressing an authentication gap in their product in an upcoming release. Individual companies had not been successful in obtaining this change*

## TSCP A&D Participation Includes:



## TSCP Government Participation

**TSCP Provides a Unique 'Industry / Government' Working Together Forum**

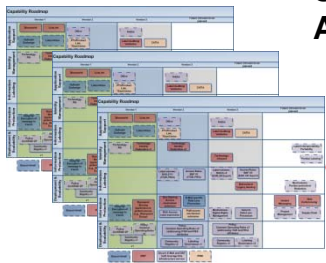
# TSCP's Strategic Plan - Focus Areas - All Business Driven

## Holistic Approach to Addressing Common Security Concerns

- Identity Management
- Information Protection
- Information Labeling.....

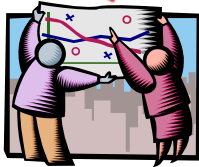


TSCP Strategic Objectives



Capability Roadmaps, Action Plans and Project Schedules

Mapped to



Strategic Architecture

Results in

## Areas of Common Business Challenge

Export Control Regulations

E.g.. ITAR, Export Control Act....

Privacy

Egg. Privacy Act of 1974, Data Protection Act.....

Company Policies

Company-specific policies

Advance Persistent Threats

HSPD 7, cooperation with the DoD & Industry

## Prioritized Areas of TSCP Attention

Information Management  
e.g.. IAP

Secure Electronic Exchange  
Document sharing  
Secure e-mail

Identity & Access Management  
E.g.. Web authentication

## Execution and Deployment

Common Operating Rules, Governance & Oversight

Tools & Skills

Supportive Business Practices

# Mapping US DoD Goals to TSCP Strategic Goals

## **TSCP Strategic Goal 1:**

Enable secure information sharing within and between industry and governments.

## **TSCP Strategic Goal 2:**

Enable collaboration compliant with export control and relevant policies and company Intellectual Property protection policies.

**DOD Business Process Modeling  
Common Vocabulary**



**DOD Business Rules  
Technical Infrastructure Standards  
Information Assurance Standards**

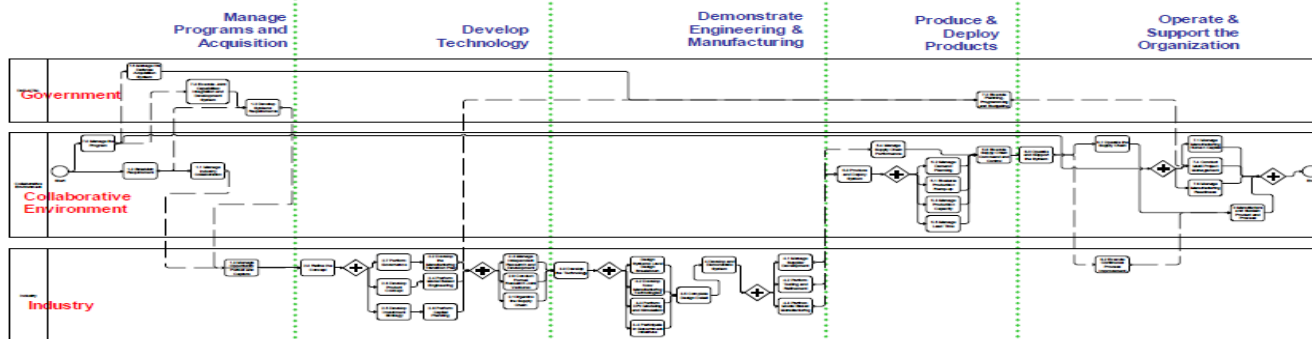
## **TSCP Strategic Goal 3:**

Define a set of interoperable specifications and solutions that enables re-use in a cost effective manner across multiple programs.

## **TSCP Strategic Goal 4:**

Make TSCP specifications and solutions a standard in the A&D community.

## **DOD Service Oriented Architecture**



Dennis Wiznosky US DoD DCMO BMA CTO & Chief Architect



# TSCP - Things to Know

- **Over 100 engineers work TSCP work streams daily**
  - Defining requirements Secure Email and Data Sharing
  - Architecture and design teams, Development and integration teams
  - Prototyping, Documentation and configuration management
- **A&D & Government Executive Forum**
  - CIO's & CTO's of Government & A&D Companies
  - Key decision makers that create or implement Policies
- **Legal Advisor Working Group (LAW)**
  - 15 attorneys including Commercial & Government members
  - Common Intellectual Property Issues for Global supply-chain
  - Teaming documents and related "Program" contractual flow down
- **TSCP Government Alignment Committee**
  - TSCP Government representatives "DOD, GSA, DHS, UK MOD, France, Netherlands MOD"
  - Evaluate policies that relate to TSCP's work and objectives to identify and address gaps between policy requirements and commercial solutions
- **HSPD-12 PIV-I Credentialing Committee (Logical / Physical)**
  - TSCP GB and Governments members
  - Draft PIV-I Specification document released to governments end of August
  - On-boarding, proofing & vetting in global supply chain
- **Export / ITAR Team (EIT) Working Group "New"**
  - ITAR and Export "Usage" data mapping
  - "New DOD" Data Label Document – working team, Compliancy
- **Procurement Supply Chain "Business Model" Working Group "New"**
  - TSCP Member and Government procurement representatives
- **TSCP Cyber Committee "New"**
  - TSCP GB Members including Government Cyber Leads
  - TSCP Government Industry Outreach organization
- **National Strategy for Secure On-line Transactions (NSSOT) Guidance "New"**
  - Guidance document that will be issued from the White House Architecture Research and Development Subcommittee
  - TSCP was selected as one of twenty three organizations to provide input to this guideline document.

# Questions / Comments

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