

# The Evolution of Process Asset Libraries

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# Agenda

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## ★ Background

- IS&GS Affordability Initiative: Process Integration & Improvement
- Current State: IS&GS Process Asset Libraries

## ★ IS&GS Process Store

- Process Store Value
  - Deployment approach
  - Development Team
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# Process Integration & Improvement



**Goal:** Align IS&GS Processes for Affordability and Improved Efficiency

## *Parallel Activities:*

**CMMI V1.3**

**Services**

**IS&GS Engineering**

**Lean (Agile & National PAL)**

**Functional Reqts Definition**

**Governance & Infrastructure**

## *Accomplishments:*

- ✓ Multiple SCAMPI A's (Def/Nat'nal/TSS/FDOC/CITIC)
- ✓ CMMI Foundational requirements set for Enterprise
- ✓ Enterprise ISO 20K Cert
- ✓ ITIL Based process repository
- ✓ ITIL Start-up Guide
- ✓ CMMI-Services repository
- ✓ Architecture Best Practice Process repository
- ✓ Reference Architecture Library
- ✓ SE/Architecture Certification Standards
- ✓ Engineering for Affordability
- ✓ AGILE Best Practices Process repository
- ✓ AGILE Guidebook and AGILE EVM
- ✓ AGILE Team Training: Training/Workshops/Multicasts
- ✓ IS&GS National Lean-It: Agile PAL
- ✓ IS&GS Function defined common requirements
  - IS&GS Product Lines validating functional reqts
- ✓ IS&GS Governance Structure
- ✓ Common Infrastructure w/ EBS – initial population

*Activities/accomplishments necessary to enable  
the Enterprise to reach Affordability and Efficiency Goals*



# From: IS&GS Process Asset Libraries

## Tiers of Command Media

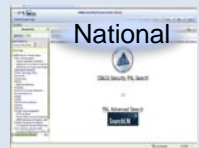
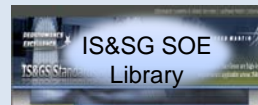


## Repositories & Tool Sets for Access, Governance & Related Resources

Enterprise Command Media Sites



Functional Command Media Sites



Corporate Reference

Tool Sets

I&GS and PL Reference Libraries



Program-Specific Libraries

Program Libraries

## Missing Overarching ConOps & Architecture

- Individual Libraries & Governance
- Redundant content at Product Lines
- Overlapping Tool Sets
- Affordability & Efficiency Opportunities

# Process Integration & Improvement



From:

Repositories & Tool Sets for Access, Governance & Related Resources

Enterprise Command Media Sites

Functional Command Media Sites

IS&G SOE Library

National Civil Defense

Corporate Reference Libraries

Tool Sets

LOCKHEED MARTIN

RUN IT RIGHT

Heritage Command Media

I&SGS and PL Reference Libraries

IS&G Program Survey

Best Practices Library

Lessons Learned

Program-Specific Libraries

Program Libraries

To:

IS&GS Process Store

Corporate Command Media

IS&GS Requirements:

Corporate Policy Statements	Business Development Communications	Energy, Environment, Safety & Health Finance	Security Operations Human Resources
Cross Functional Procedures	Engineering for Enterprise	Facilities & Strategic Planning	Program Management & Subcontract
Single Function Procedures	Engineering for Programs	Global Supply Chain Management	Program Management Quality
	Process Management	Pricing & Cost Estimating	
	Contracts	General Counsel	

Announcements

Recent Changes

FPP-202-004: Preventive maintenance  
Added on June 13, 2013

08-026: Supplier Base Economic Assessment  
Added on September 8, 2012

From:

5 PL PALs, 8 Function Repts Repositories

To:

Single IS&GS Process Store

Multiple Layers of Requirements:

- SOE
- Functional Proc
- PL PAL Policies

Single Layer of IS&GS Requirements

4 Layers of Governance Boards

Single Layer Focused IS&GS Governance

Separate Maintenance & Infrastructure by PL and Function

Single Maintenance & Infrastructure

50% Reduction OH Maintenance Costs  
 20% Process Efficiency improvement across Functions  
 Alignment of Process Assets to Business Goals & Strategies  
 Clear distinction between Required Activities and Guidance



## *Business Value*

### *- Programs & Functional Operation*

- *Streamlined requirements puts Implementation Trade space in the hands of the program & functions*
- *Expedited program startup across enterprise*
- *Sharing of enterprise wide best practices & related resources*
- *Infrastructure supports improved response time to changing business needs*

## *User Value*

- *Improved situational awareness*
  - *Requirements & related resources*
  - *Targeted data access*
- *One stop shopping*
  - *Clarifies requirements*
  - *Eliminates question of which of the many PALs & which assets to put together*

## *Enterprise Cost*

- *Single infrastructure*
- *Eliminates content redundancy*
- *Efficient change management*
- *Eliminates approval boards layers*

# IS&GS Process Store Deployment

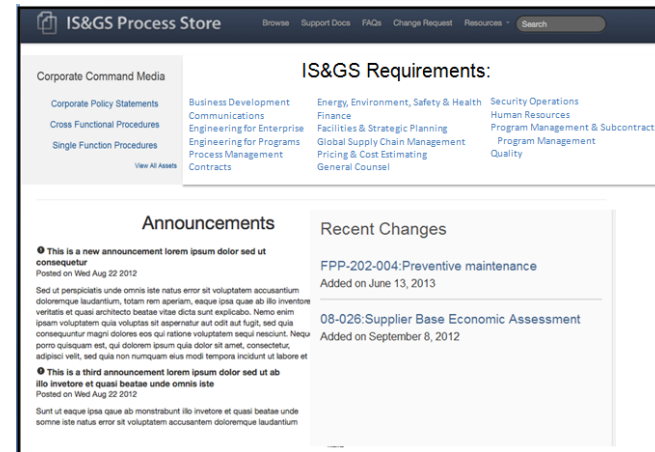


## Release 1:

- 5/31 Piloting with targeted User Roles
- 8/3 Full deployment incorporating high priority updates per Pilot feedback

2Q12 Release 1

- Access current command media and provide links to reference libraries
- Introduce Requirements Driven Approach
- Develop and Deploy initial Infrastructure
  - Content ownership remains as is today
  - Sunset redundant storefronts at appropriate times based on Product Line / Functional activities



4Q12: Release 2 - Enterprise Governance

Continued Optimization

- ★ Establish future state command media
  - Disposition assets to eliminate redundancy
  - Establish & execute Domain Process Excellence Plan
    - Streamline content & fill priority gaps
  - Content ownership at IS&GS Domain level with PL stakeholders
  - Web based content mgt providing faster, direct access
- ★ Mature and Deploy Infrastructure
  - Full cut-over for content management & tools
- ★ Content optimization continued
- ★ Infrastructure increments

Optimize content throughout timeline

# Process Store: Command Media Content



## Goals:

- *Consolidation – reduce duplication, consistent interpretation, eliminate as obsolete*
- *Clarification – Requirements/Guidance*

July	August	September	October	November
1 from each Capability Breadth	1st	50% Test 19th		100% Go Live 14th

## September 10 Status Snapshot:

- *SOE / Functional Process Transition to Requirements: 230 Assets Identified to translate into Requirement Sets*
  - *37 Requirement Sets Submitted*
  - *44 Requirement Sets in review by SMEs*
- *Product Line (PAL) Asset Consolidation: PAL assets allocated to appropriate Domains (with Product Line representation) to determine future status:*
  - *600 assets (est.) identified for consolidation (35%) to date, assessments continuing*
  - *“All” PAL assets are being accounted for*
  - *PAL assets not consolidated by January transition to be incorporated into Process Store as Requirement Supplements, Guidance or Support Assets, and may be targeted for future consolidation under Domain Governance.*



# Lean/Agile Domain Organization



## Corporate

### IS&GS

**Domain:**

### Lead Domain

### Stakeholders

*(Product Line, Functions)*

### IS&GS Process Requirements Council (IPRC):

Chair: CTO  
 Members: *Product Lines Operations VPs and appropriate IS&GS Functional VPs*  
 Approach: *Meet to adjudicate conflicts if required*

Domain	Abrev.	Funct	Domain	Abrev.	Funct
Business Development	BUSD	BD	Contracts	CONT	F&BO
Communications	COMM	Comm	Energy, Environment, Safety & Health	EESH	F&BO
Engineering for Enterprise	ENGE	CIO	Finance	FINC	F&BO
Engineering for Programs	ENGP	CTO	Facilities & Strategic Planning	F&SP	F&BO
Process Management	PROM	CTO	Global Supply Chain Management	GSCM	F&BO
General Counsel	LEGL	GC	Pricing & Cost Estimating	P&CE	F&BO
Security Operations	SECT	GC	Program Management & Subcontract Program Management	PMSM	Prog
Human Resources	HURS	HR			
Quality	QUAL	Prog			

### Benefits

- **Simplification** – focus review and management at right level with SME and Stakeholder ownership
- **Single set of processes** - domain structure integrating Functions and Product Lines - prevents proliferation and multiplication
- **Quicker deployment** – new requirements and technologies in response to business needs
- **Reduces tailoring and waivers** - lean non-prescriptive requirements enables program flexibility

### Domain Role

- Manage Domain Requirements and Command Media Inventory
- Coordinate cross-domain assets
- Execute Domain Process Excellence Plans
  - *Business Strategy alignment*
  - *Continuous Process Improvement*



- Empower the Domains to transition current command media into Process Store input
  - *Generate Process Store input (spreadsheet)*
  - *Obtain concurrence from all stakeholders (and record concurrence)*
  - *Record mapping from Process Store input to legacy assets*
  - *Obtain concurrence from owner to retire current assets on transition to Process Store*
  - *Develop Domain Process Excellence Plans*
- Pilot functionality beginning in November 2012
- ***Process Store goes live – January 16, 2013***
- Retire and Achieve Legacy Command Media and PAL sites
- Program Adoption Process Store (detailed plans in development with Product Lines)
  - *Programs with existing Process Baselines - Align with PAR cycle & No Later Than 1 year*
  - *Programs bid with the old state & started after the Process Store deployed - Revisit as part of Baseline Review*



- **Cost Savings**
- **Command Media content right-sizing**
  - Clear distinction between requirements (what you must do) and guidance (how to do it)
  - Reduced complexity of the requirements and the requirements structure
  - Faster search, browse and view of the requirements needed to get the job done correctly
- **Governance restructuring and streamlining**
  - De-layering requirements, removal of “stove-piped” requirements
  - Requirements have been streamlined to add efficiency or clarity
- **Infrastructure consolidation and modernization**
  - One-stop shopping for all IS&GS required processes and guidance, operating from a single IS&GS command media repository
  - Reduction of redundant and ineffective processes (enable more efficient search), carrying forward the best of the process tools and content from across IS&GS
  - Effective Search

