



The Dawn of Enterprise Architecture in the Department of the Air Force

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VISION



Optimize our force design and organizational structures



Ensure integration across the force at both the mission and technical levels



Develop capabilities cohesively across the mission areas



Approach

Develop all future requirements and capabilities using UAF and SysML Models



Develop an enterprise-level architecture framework



Develop a common government architecture repository



Levels of Architecture

Enterprise

Mission, Organization, Force Design



Capability

Functions, Requirements, Investments



System

Detailed Design of Fielding Systems



Challenges

Expense

Senior Sponsorship

Legacy Processes

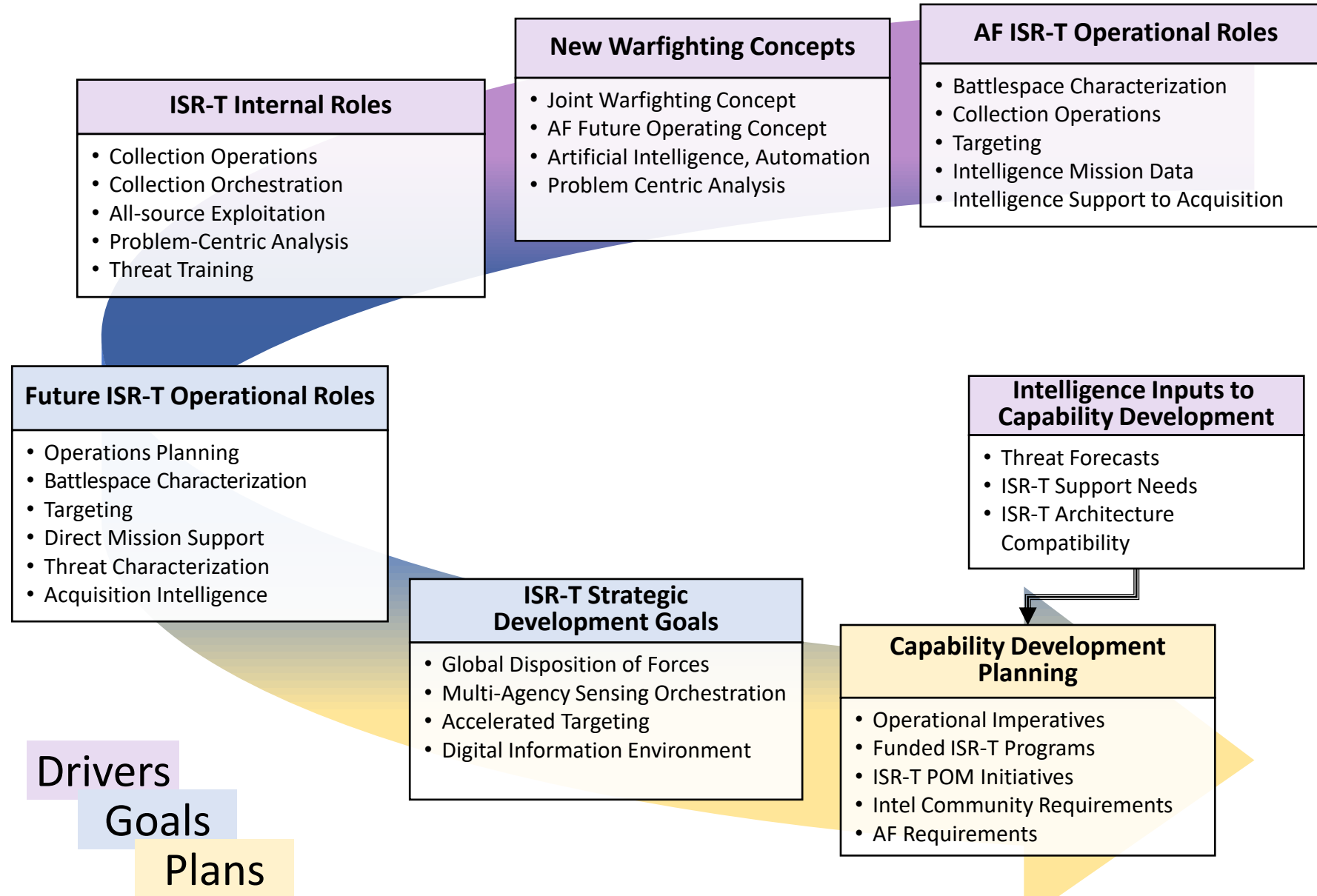
Herding the Cats



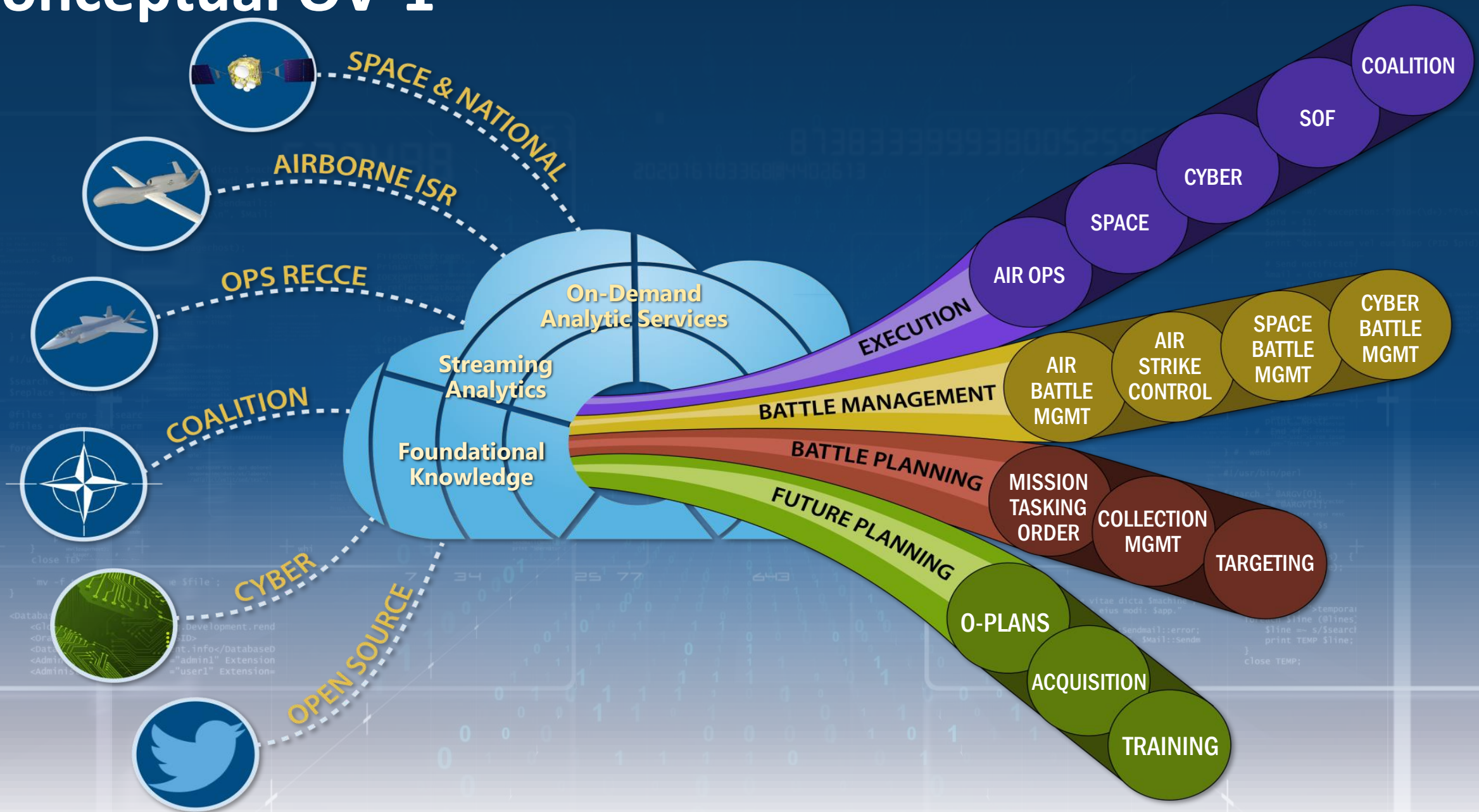
UAF OMG UNIFIED ARCHITECTURE FRAMEWORK™	Motivation Mv	Taxonomy Tx	Structure Sr	Connectivity Cn	Processes Pr	States St	Sequences Sq	Information If	Parameters Pm	Constraints Ct	Roadmap Rm	Traceability Tr	
Architecture Management Am	Architecture Principles Am-Mv	Architecture Extensions Am-Tx	Architecture Views Am-Sr	Architectural References Am-Cn	Architecture Development Method Am-Pr	-	-	Dictionary Am-If	Architecture Parameters Am-Pm	Architecture Constraints Am-Ct	Architecture Roadmap Am-Rm	Architecture Traceability Am-Tr	
Summary & Overview Sm-Ov													
Strategic St	Strategic Motivation St-Mv	Strategic Taxonomy St-Tx	Strategic Structure St-Sr	Strategic Connectivity St-Cn	Strategic Processes St-Pr	Strategic States St-St	-	Strategic Information St-If	Environment En-Pm and Measurements Me-Pm and Risks Rk-Pm	Strategic Constraints St-Ct	Strategic Roadmaps: Deployment, Phasing St-Rm-D, -P	Strategic Traceability St-Tr	
Operational Op	Operational Requirements Op-Mv	Operational Taxonomy Op-Tx	Operational Structure Op-Sr	Operational Connectivity Op-Cn	Operational Processes Op-Pr	Operational States Op-St	Operational Sequences Op-Sq	Operational Information Model Op-If		Operational Constraints Op-Ct	-	Operational Traceability Op-Tr	
Services Sv		Services Taxonomy Sv-Tx	Services Structure Sv-Sr	Services Connectivity Sv-Cn	Services Processes Sv-Pr	Services States Sv-St	Services Sequences Sv-Sq			Services Constraints Sv-Ct	Services Roadmap Sv-Rm	Services Traceability Sv-Tr	
Personnel Ps		Personnel Taxonomy Ps-Tx	Personnel Structure Ps-Sr	Personnel Connectivity Ps-Cn	Personnel Processes Ps-Pr	Personnel States Ps-St	Personnel Sequences Ps-Sq			Personnel Constraints Ps-Ct	Competence, Drivers, Performance Ps-Ct-C, -D, -P	Availability, Evolution, Forecast PS-Rm-A, -E, -F	Personnel Traceability Ps-Tr
Resources Rs	Security Sc	Resources Taxonomy Rs-Tx	Resources Structure Rs-Sr	Resources Connectivity Rs-Cn	Resources Processes Rs-Pr	Resources States Rs-St	Resources Sequences Rs-Sq	Resources Information Model Rs-If		Resources Constraints Rs-Ct	Resources Roadmaps: Evolution, Forecast Rs-Rm-E, -F	Resources Traceability Rs-Tr	
Security Sc		Security Controls Sc-Mv	Security Taxonomy Sc-Tx	Security Structure Sc-Sr	Security Connectivity Sc-Cn	Security Processes Sc-Pr	-	-		Security Constraints Sc-Ct	-	Security Traceability Sc-Tr	
Projects Pj	-	Projects Taxonomy Pj-Tx	Projects Structure Pj-Sr	Projects Connectivity Pj-Cn	Projects Processes Pj-Pr	-	-	-		-	-	Projects Roadmap Pj-Rm	Projects Traceability Pj-Tr
Standards Sd	-	Standards Taxonomy Sd-Tx	Standards Structure Sd-Sr	-	-	-	-	-		-	-	Standards Roadmap Sd-Rm	Standards Traceability Sd-Tr

Not the View for Senior Leaders

Senior Leader View

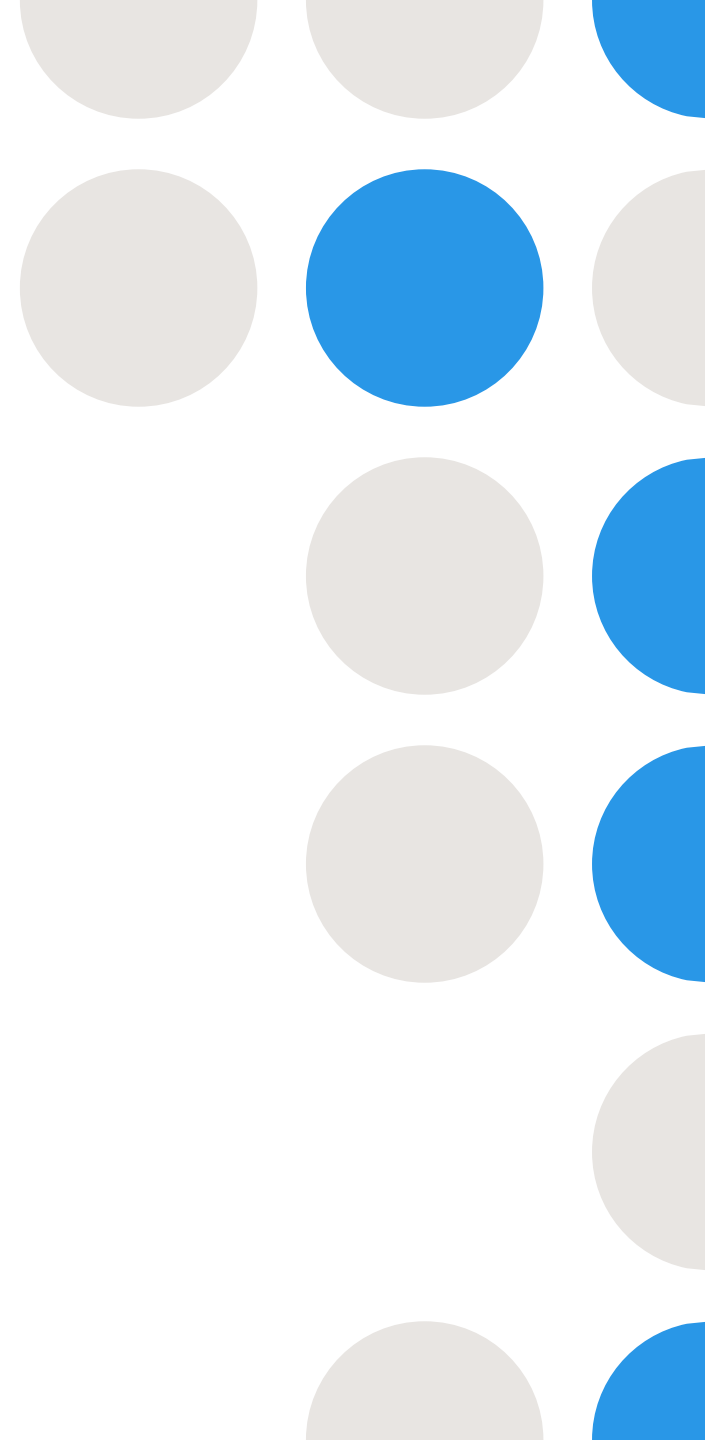


Conceptual OV-1



Current Effort: Collaborative Architecture Working Group

- Unify ongoing requirements modeling efforts
 - Stand up federated architecture repository
 - Establish model framework and governance
 - Model Air Force ISR development strategy
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How You Can Help



Develop views focused on leadership decision making



Model to support professional analysis and simulation



Develop standardized analysis products



Listen...agree...come together
