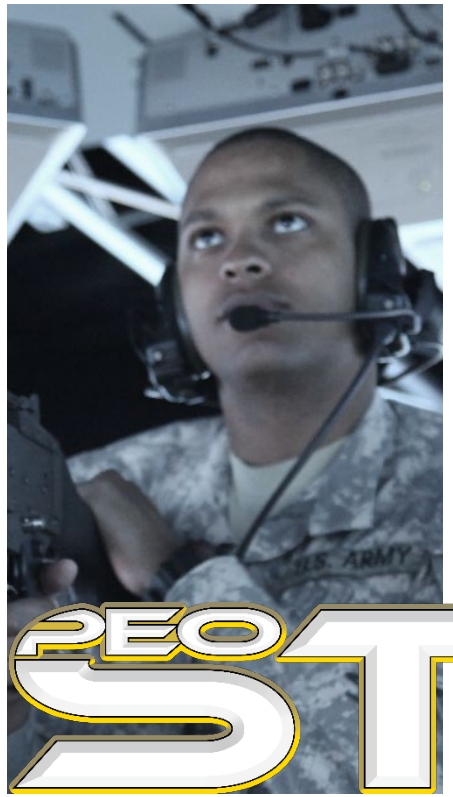
EA RFI

Update to Industry



Rodney Figaroa
Product Lead
PEO STRI
28 Feb 2023

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AGENDA

- PEO STRI's Commitment
- Organization
- RFI Responses
- Key Themes
- Software Factory Concept
- Proposed Pilots
- Portfolio Transition Strategy
- Way Forward

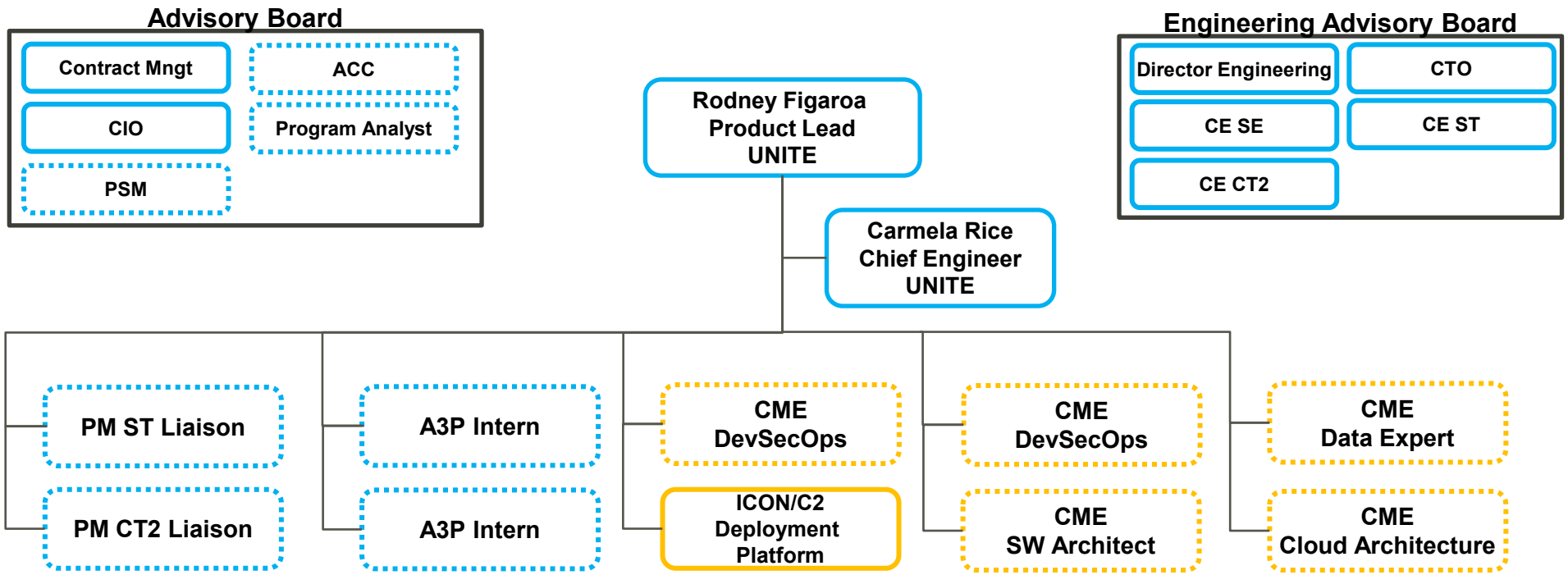
BLUF - PEO STRI Commitment

PEO STRI is committed to the digital transformation of its portfolio and plans to go live in FY25 with initial Enterprise-wide Infrastructure and Services

New Organization, New Name

From Enterprise Architecture (EA) to

UNified Integration and Transformation Enterprise (UNITE)



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We heard you

- **Definition** of governance, roles/responsibilities, processes, key terms
- Using **"start small"** incremental roadmap for **pilots & pathfinder** programs
- **Independent Solution Integrator** of enterprise construct
- **Separate Solution Providers** that leverage enterprise construct*
- Stand-up of Gov't owned **SW Factory** facilitating collaboration

***initial efforts to define key terminology and content of the construct**

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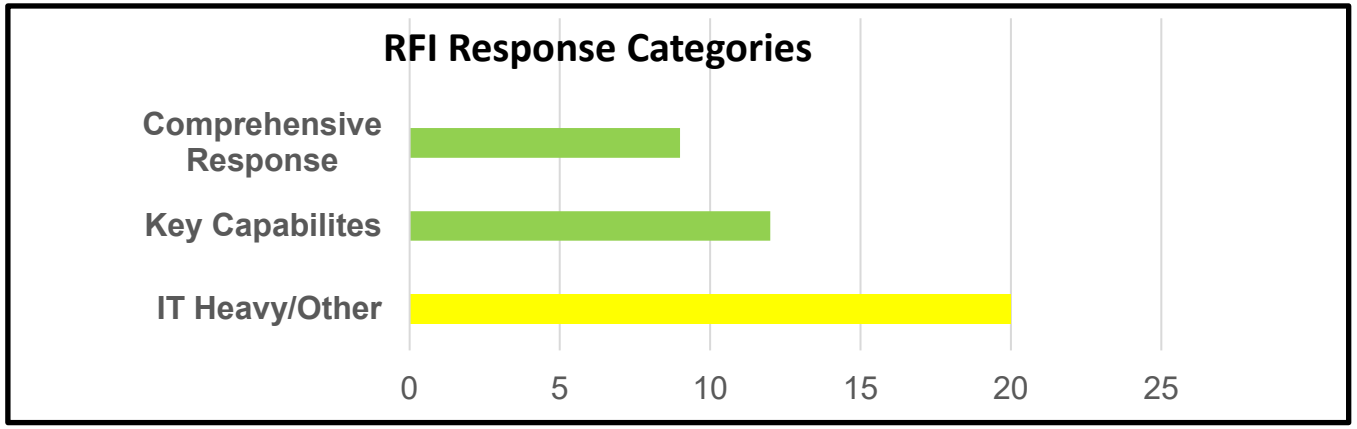
STRI EA RFI Response

PEO STRI EA RFI

Total Responses	41
Small Business	21
Large Business	20

Alignment of response

- ✔ Organization
- ✔ Culture
- ✔ People
- ✔ Technical
- ✔ Process



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Key Themes

ORG	CULT	PPL	TECH	PROC	Key Themes
			✓		Adaptable **S/W Factories** Across Enterprise (e.g. Kessel Run, SCARS)
✓					**Independent Solution Integrator**, seen as supporting mechanism, successful deployment and continuous improvement of the solution
	✓	✓	✓		Establish an accessible environment/**sandbox** to support development of capabilities
				✓	Common Infrastructure Libraries, **Common Repository**
✓				✓	Horizontal **Portfolio Management**
	✓	✓		✓	Portfolio Level of **SAFe**
✓	✓	✓	✓	✓	Well defined **roadmap** to accomplish vision over time
	✓		✓	✓	**Remote** (Sustainment and CI/CD, access for the developers/stakeholders).
			✓	✓	**Protect Intellectual Property** and Data Rights
✓		✓	✓		Cybersecurity (cATO, Zero Trust Architecture, baked-in/shifted left). **Minimizes the cyber-related barriers to entry for small businesses.**
		✓	✓	✓	**Data Driven** Approach using Authoritative Sources of Truth (ASOT)
✓	✓	✓	✓	✓	Use case for PATHFINDER **pilots**
✓	✓	✓			Build system learning to drive adoption throughout organization
✓		✓		✓	**Incentivize industry & Gov't** (reuse, extensibility, award fees, micro-contracting, competition, etc.)
✓	✓		✓		**Define the terms** (including construct, infrastructure, core vs functional services)
✓	✓	✓		✓	**Active governance** facilitated by independent team with govt/capability and core providers
✓	✓		✓	✓	**Metrics to evaluate & incentivize**

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UNITE Product Line Factory

UNIFIED INTEGRATION AND TRANSFORMATION ENTERPRISE (UNITE) CONSTRUCT CONCEPT OF OPERATIONS

Integrated Data Platform aligned with the Army Unified Data Reference Architecture and PEO STRI Enterprise Data Strategy.

UNITE Portal is the collaborative face of the product line to all stakeholders; provides visibility into shared assets, products, governance processes, and support.

Governance defines how the product line operates daily by facilitating the teams, tools, processes, workflows, and overall environments that create and maintain the product line.

Shared Assets with core services, components, data, architectures, standards, tools / apps, and processes / workflows.

Software Factory with accredited DevSecOps for multiple vendors and programs with unique feature profiles, common infrastructure, Agile development, cATO, CI/CD, CM, help desk, etc.

Enterprise Product Line capabilities, technology and processes must converge seamlessly. Operated by the UNITE Factory Team for the benefit of all product development teams.

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Proposed Pilots

Governance Knowledge Products

- Creating a strategy, process, organizational structure to enable effective horizontal portfolio management (what is inside the "construct" box)
- Appropriate enduring standards and external engagement groups
- Evaluation of core versus extended/functional services in the inventory
- Reference Architecture, Data Architecture

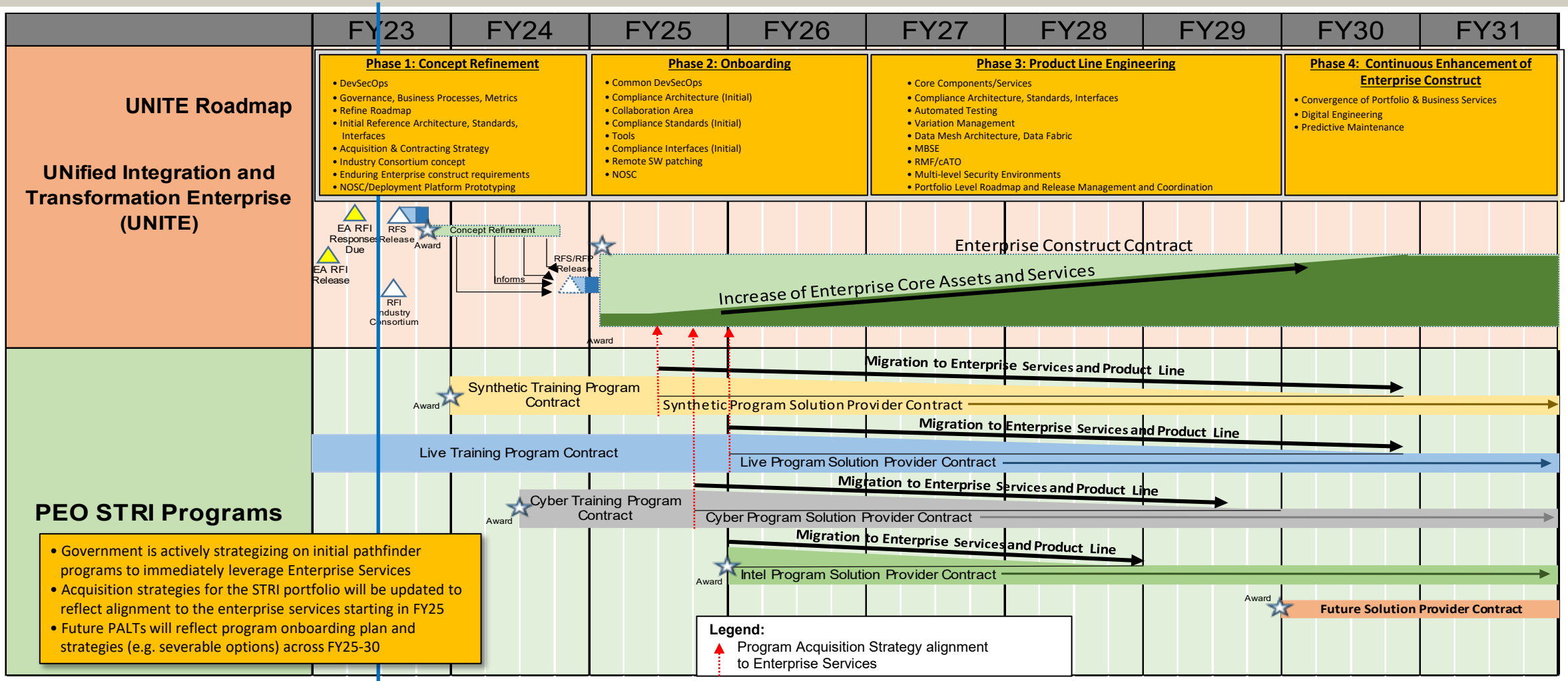
DevSecOps/Software Factory

- Crafting an initial SW Factory using CREATE with remote access and onboarding NGC efforts
- Creating an associated vendor sandbox for community members to evaluate/extend core services and associated products built on them
- Common libraries/repositories (Gitlab based) and web-based artifacts
- On-Prem/Cloud/Hybrid DevSecOps strategy
- Multi-level security strategy (Non-CUI, CUI, SECRET, Allies, TS)
- Smart Data Fabric

Business Transformation

- Maturity assessments, adoption and roadmap consultation services
- Evaluating STRI starting points with E2SC, ICONC2, STAAR, and how to better transform and converge them for unity of action
- Common HBL product lines and SBL product lines for Edge to Cloud, MLS, and emerging industry insights
- Onboarding Strategy
- Metrics

STRI Portfolio Transition Strategy



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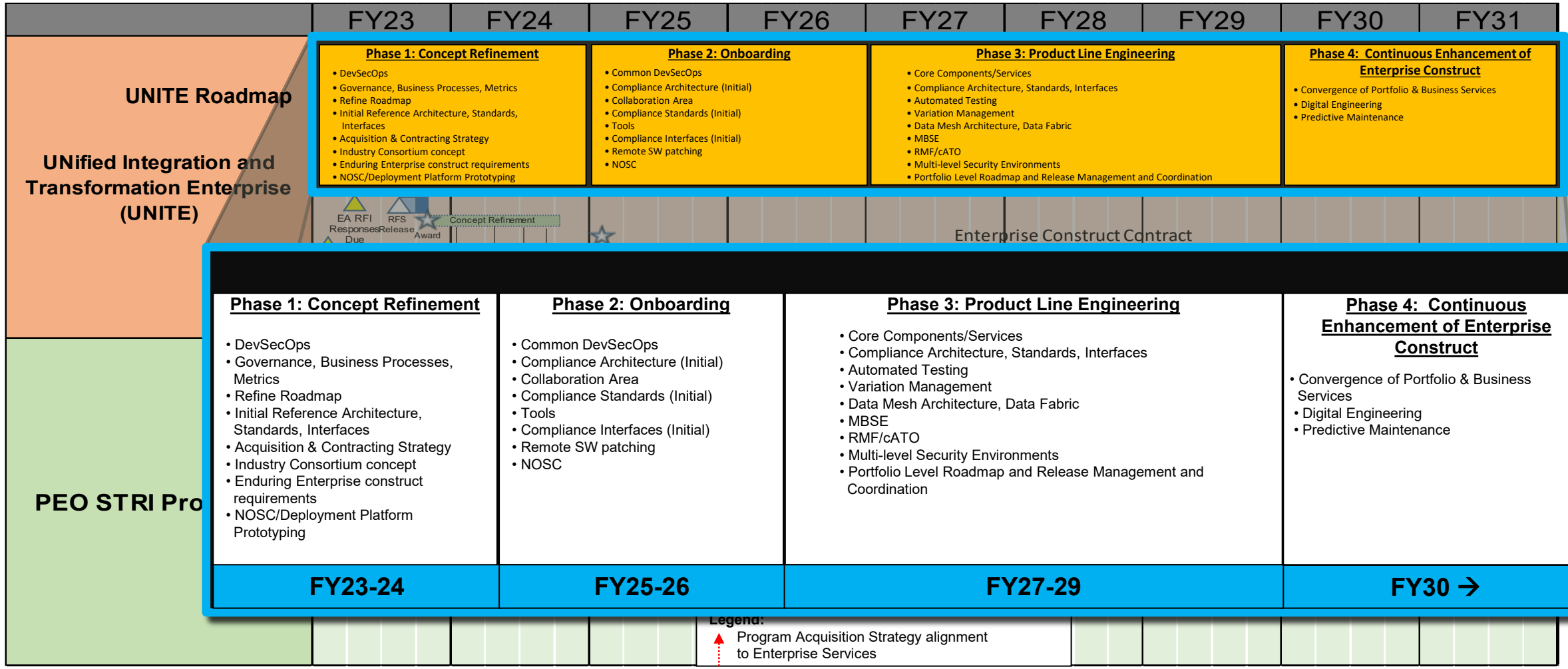

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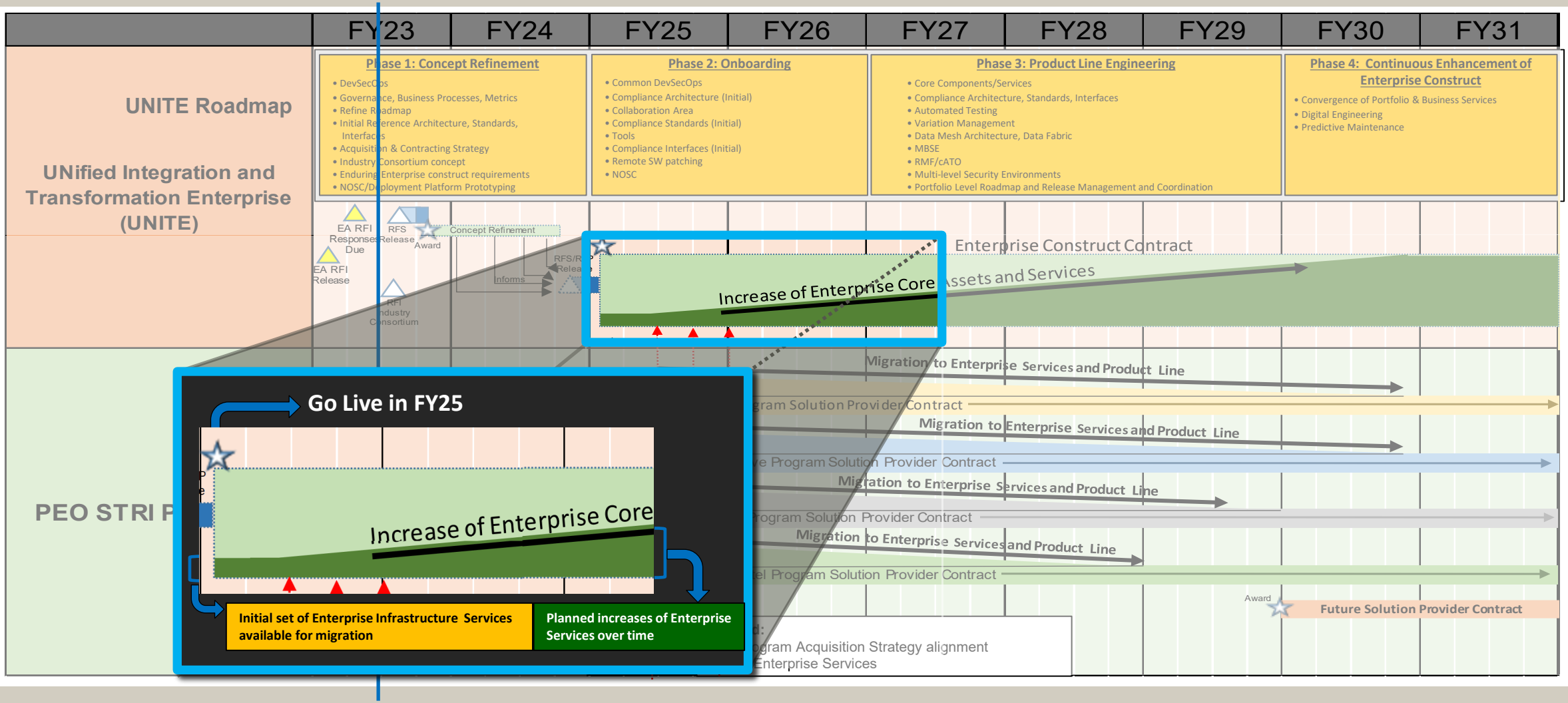

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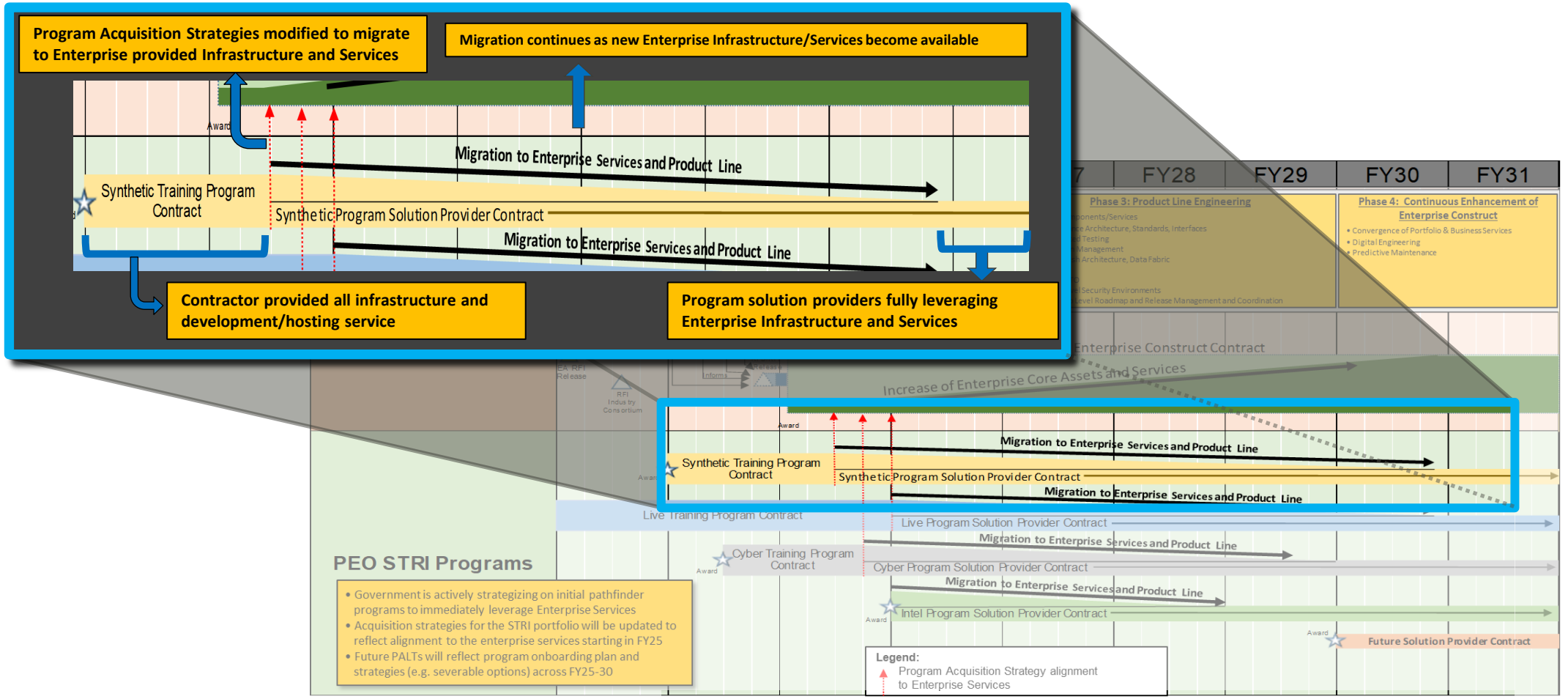

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Way Forward

Near Term – 90 Days

- Provide RFI feedback to Industry
- Refine message about “enterprise construct”
- Establish Tiger Team to layout core functional boundaries and initial priorities
- Identify, scope & release pathfinder pilots IOT publish RFS:
  - **DevSecOps** environment recommendations & products
  - Definitions & **governance**
  - Analyze, evaluate & provide recommendations using current **business processes** & common services
- Meet with PEO AVN, Kessel Run, SCARS and ATIS

Through FY24

- Acquisition and Contracting strategy for FY25 & beyond
- Establish Business Model, Organizational Structure and Funding strategy (FY23 and beyond)
- Transition strategy of current efforts into new Portfolio Management Enterprise approach
- Incremental core capability roadmap (start with core set of programs to grow/onboard overtime)
- Select initial programs to implement results from the OTA pilots (DevSecOps, governance, Business process).
- Continue socializing long-term contracting and enterprise approach with industry

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Let's UNITE

Questions

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