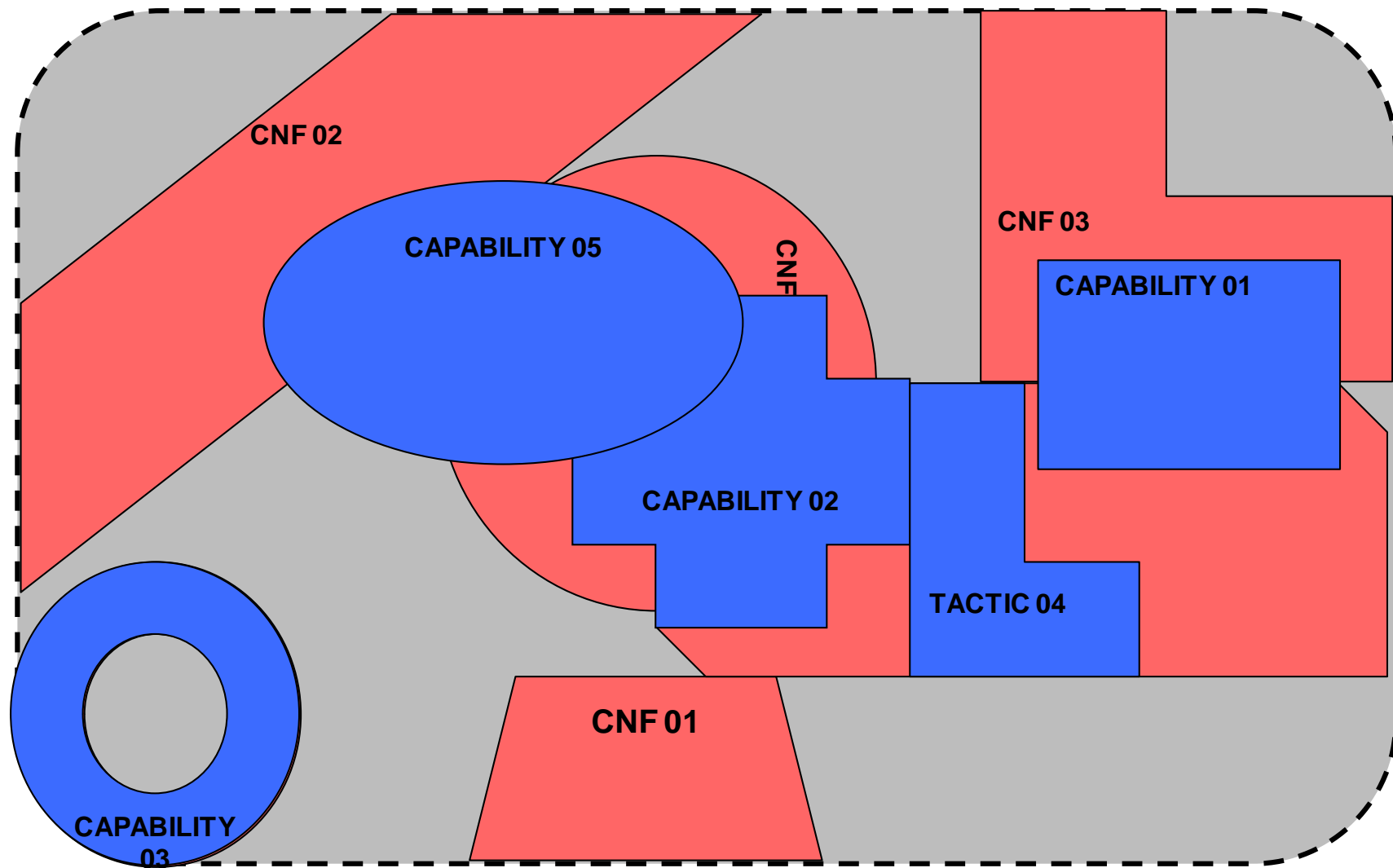# Leveraging Acquisition: The New Cyber Acquisition Model

Col Christopher Kinne
Director of combined Cyber SPO

Col Paul Welch
688 IOW/CC

Cyber Threat/Opportunity Space

CNF 02

CAPABILITY 05

CNF 03

CAPABILITY 01

CNF

CAPABILITY 02

CAPABILITY 01

TACTIC 04

CNF 01

CAPABILITY 03

Cyber Needs Management Flow

Process Flow

Document Cyber Needs (CNF)

↓

Store Needs Data

↓

Publish Needs Data (SharePoint)

↓

Refine/Deconflict/Correlate Needs Data

↓

Triage/Prioritize Needs

↓

Solicit/Review/Prioritize sol'n COAs

↓

Authorize Selected COAs, set timelines

↓

Assess sol'n COAs Effectiveness

Gap Analysis

Improvements

Rvw current CNFs: ID overlap, refine/rescope

Account for external requirements tracking

ID collaboration needs; revise as needed

Tech mgr/team works w/CNF POCs, refines needs

Document triage/prioritization ROE, goals & responsibilities (charter). Hold regular & pop-up meetings with agendas, minutes, action items

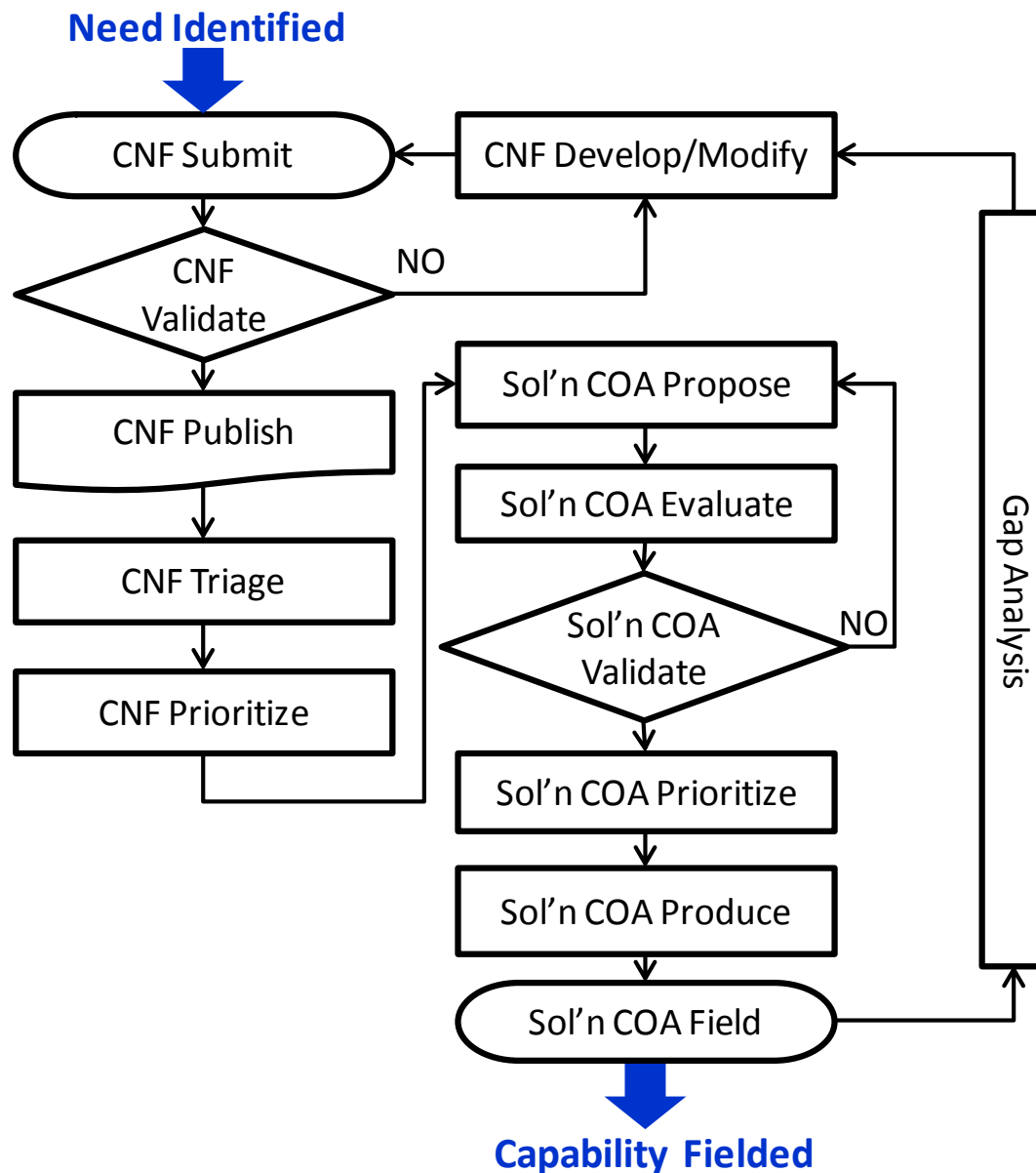**Collect/rvw all-source sol'n COAs; prioritize by impact/practicality/timeline; provide AFSPC/A3 w/CNF & sol'n vectors for non-organic COAs**

Document 24 AF/CC-authorized sol'n COAs; provide plan w/milestones & timelines; Pgm resources and/or submit unfunded requests

Track COA progress; update DB as sol'ns fielded

Cyber Needs to Solution Process Flow

Need Identified

CNF Submit

CNF Develop/Modify

CNF Validate — NO

CNF Publish

Sol'n COA Propose

CNF Triage

Sol'n COA Evaluate

CNF Prioritize

Sol'n COA Validate — NO

Gap Analysis

Sol'n COA Prioritize

Sol'n COA Produce

Sol'n COA Field

Capability Fielded

688th Ops & Engineering Posture

Integration

Cyberspace Operations

Innovation

MISSION

Training

Deliver proven Information Operations, Engineering and Infrastructure capabilities integrated across air, space and cyberspace domains

Operational Engineering
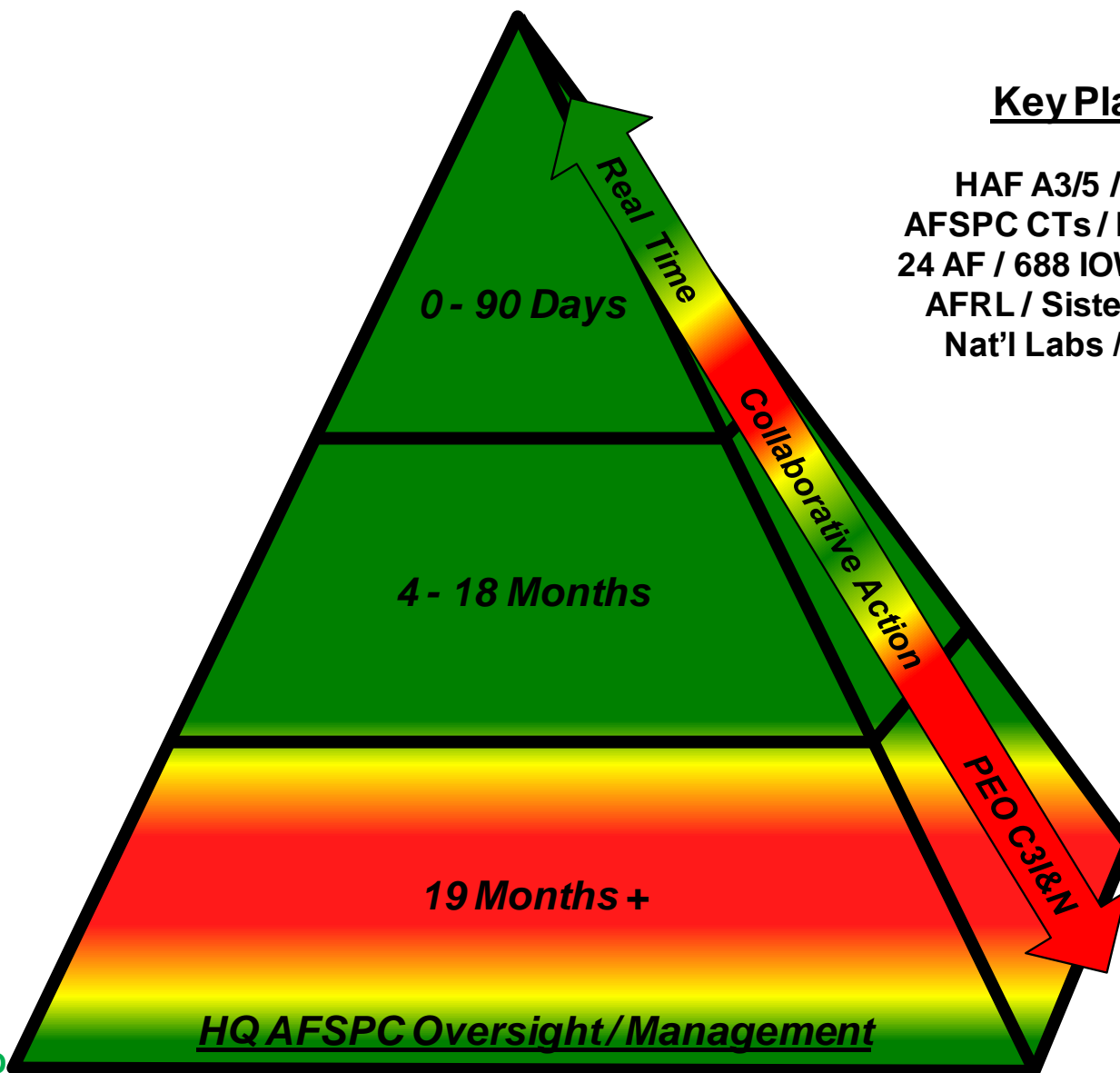
Operational Test/Evaluation

Tactics

Real-Time Ops

Responsive Cyber Capability Development / Acquisition

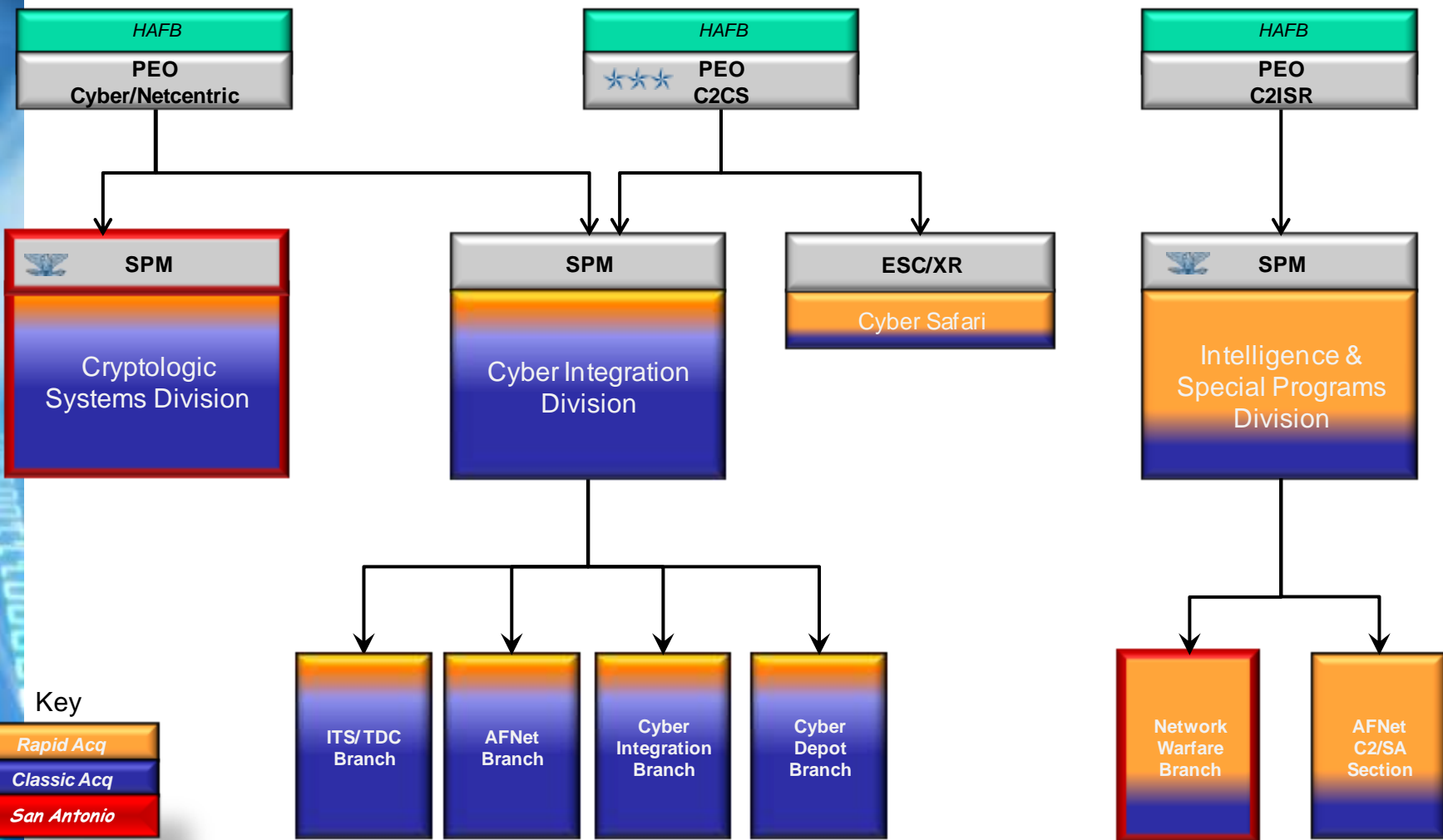**Key Players**

HAF A3/5 / SAF/AQ
AFSPC CTs / ESC SPO(s)
24 AF / 688 IOW / 67 NWW
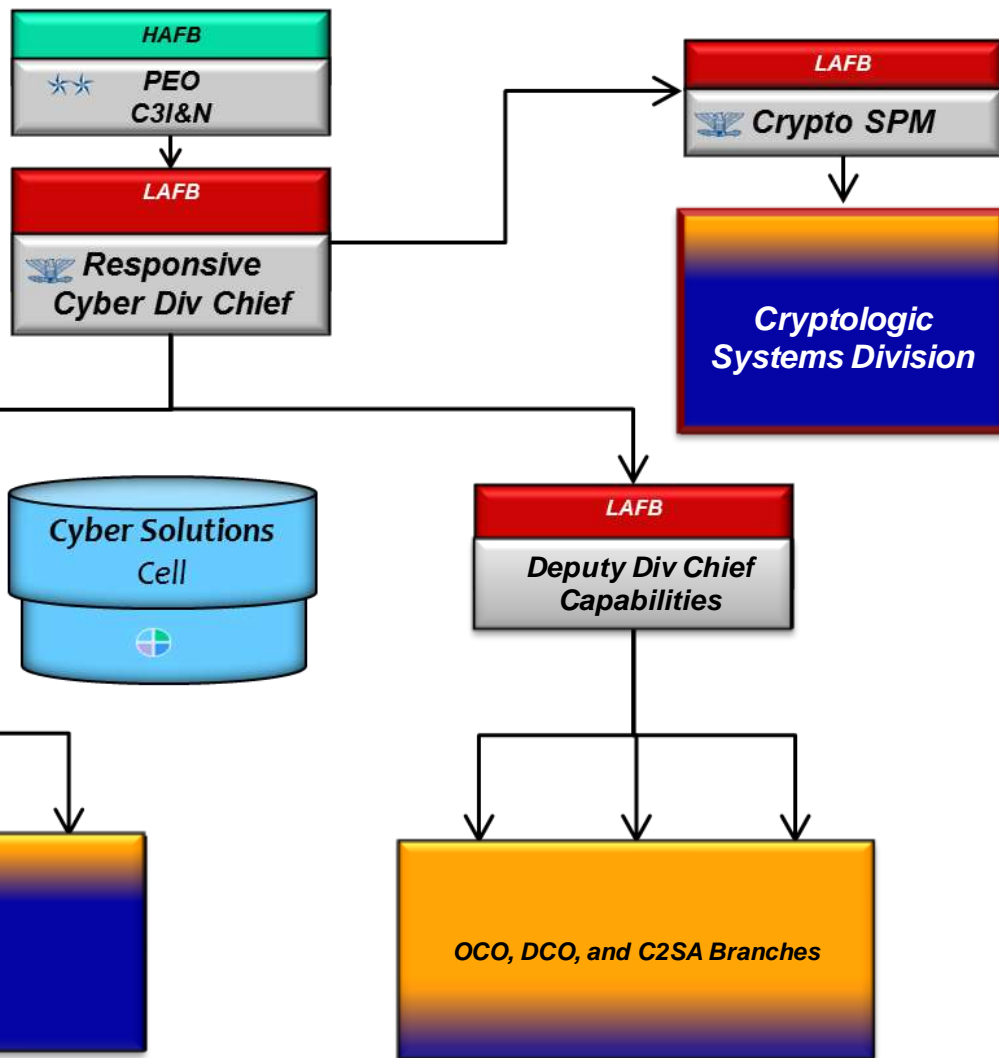AFRL / Sister Services
Nat'l Labs / Vendors

Real Time

Collaborative Action

PEO C3I&N

0 - 90 Days

4 - 18 Months

19 Months +

HQ AFSPC Oversight / Management

Previous Cyber Organization

HAFB	HAFB	HAFB
PEO Cyber/Netcentric	**PEO C2CS** ★★★	**PEO C2ISR**

SPM — Cryptologic Systems Division

SPM — Cyber Integration Division

ESC/XR — Cyber Safari

SPM — Intelligence & Special Programs Division

Cyber Integration Division branches:
- **ITS/ TDC Branch**
- **AFNet Branch**
- **Cyber Integration Branch**
- **Cyber Depot Branch**

Intelligence & Special Programs Division:
- **Network Warfare Branch**
- **AFNet C2/SA Section**

Key
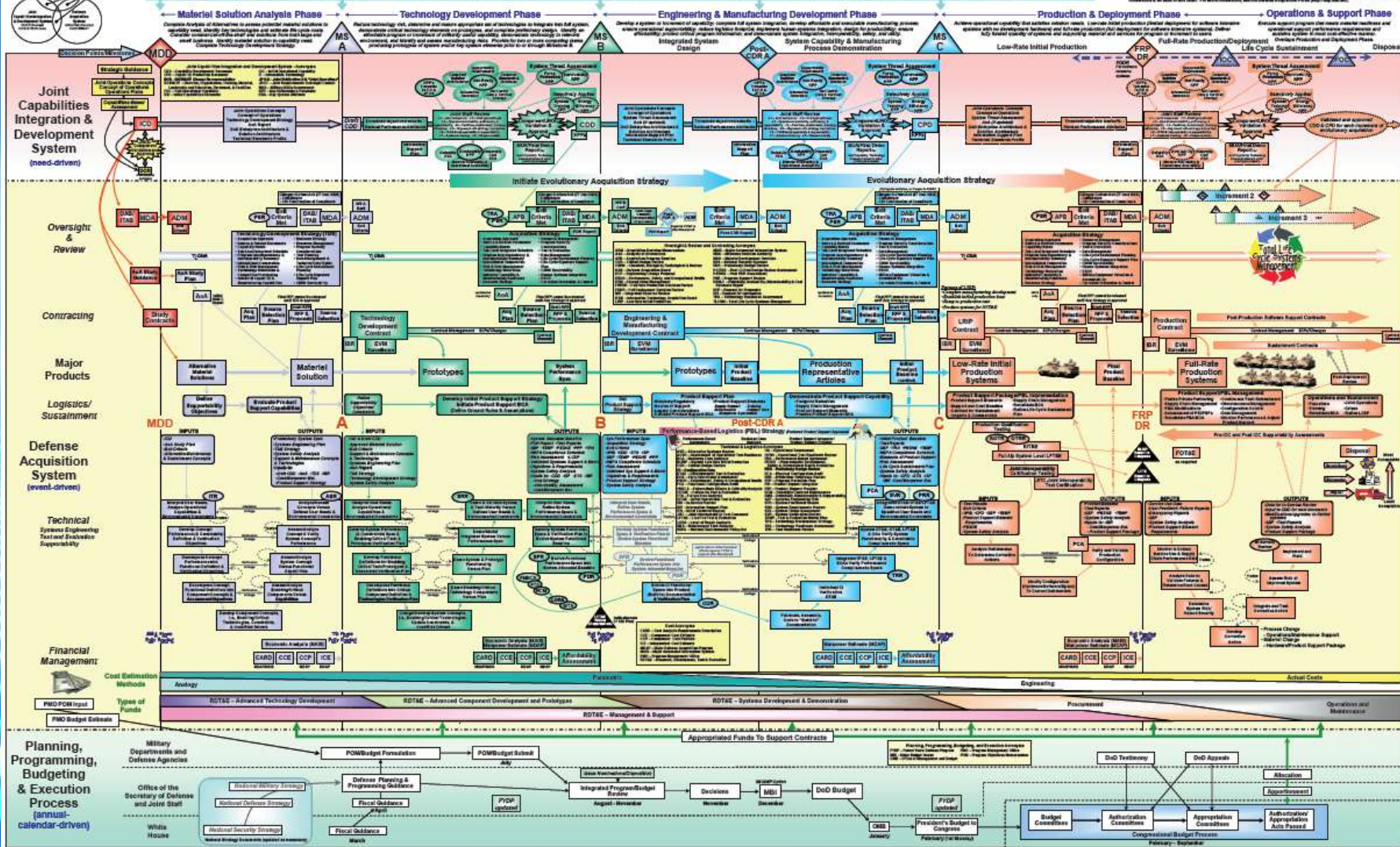- *Rapid Acq*
- *Classic Acq*
- *San Antonio*

Responsive Cyber Organization

Defense Acquisition Framework

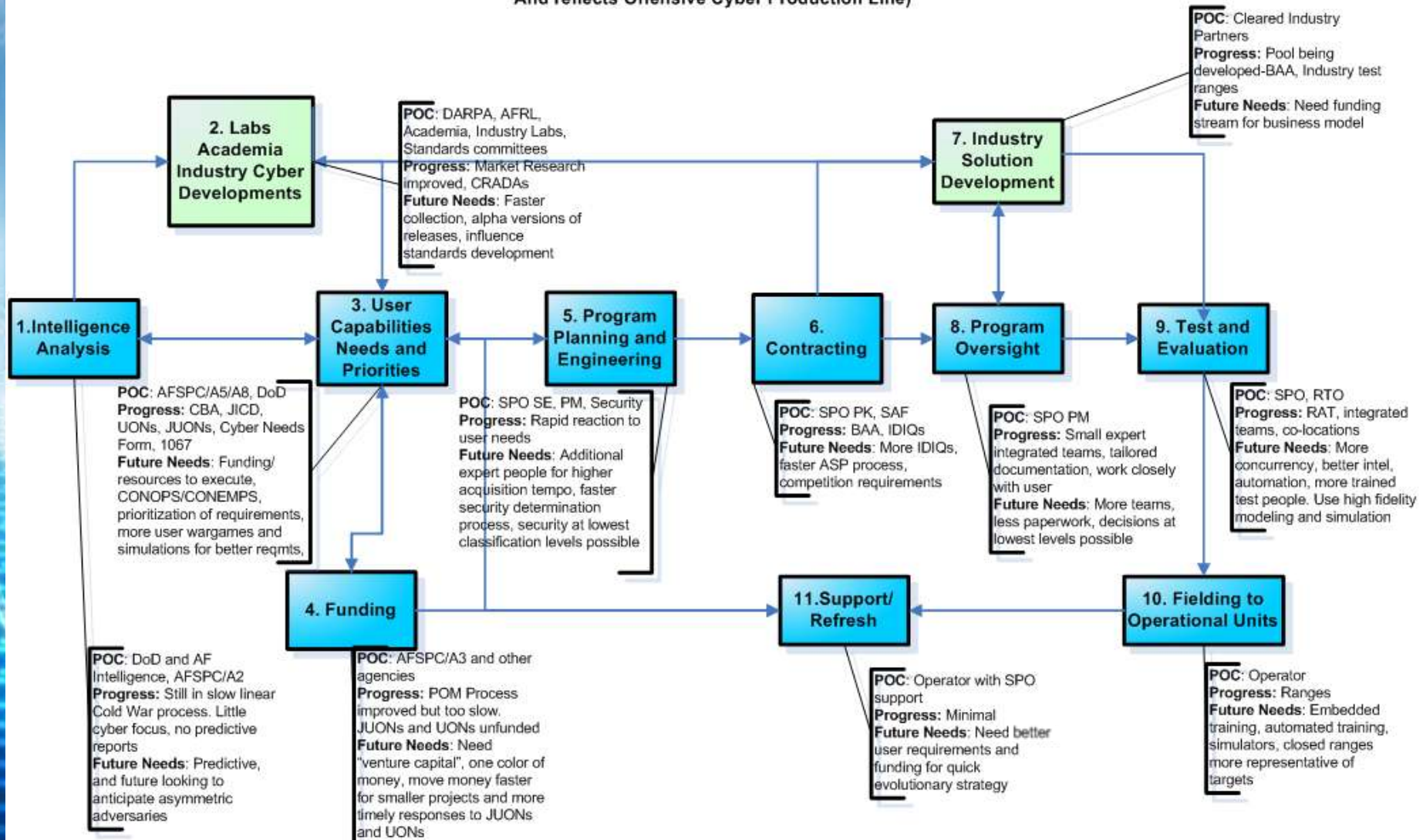Integrated Defense Acquisition, Technology, and Logistics Life Cycle Management System

Focus Areas for
Responsive Cyber Acquisition

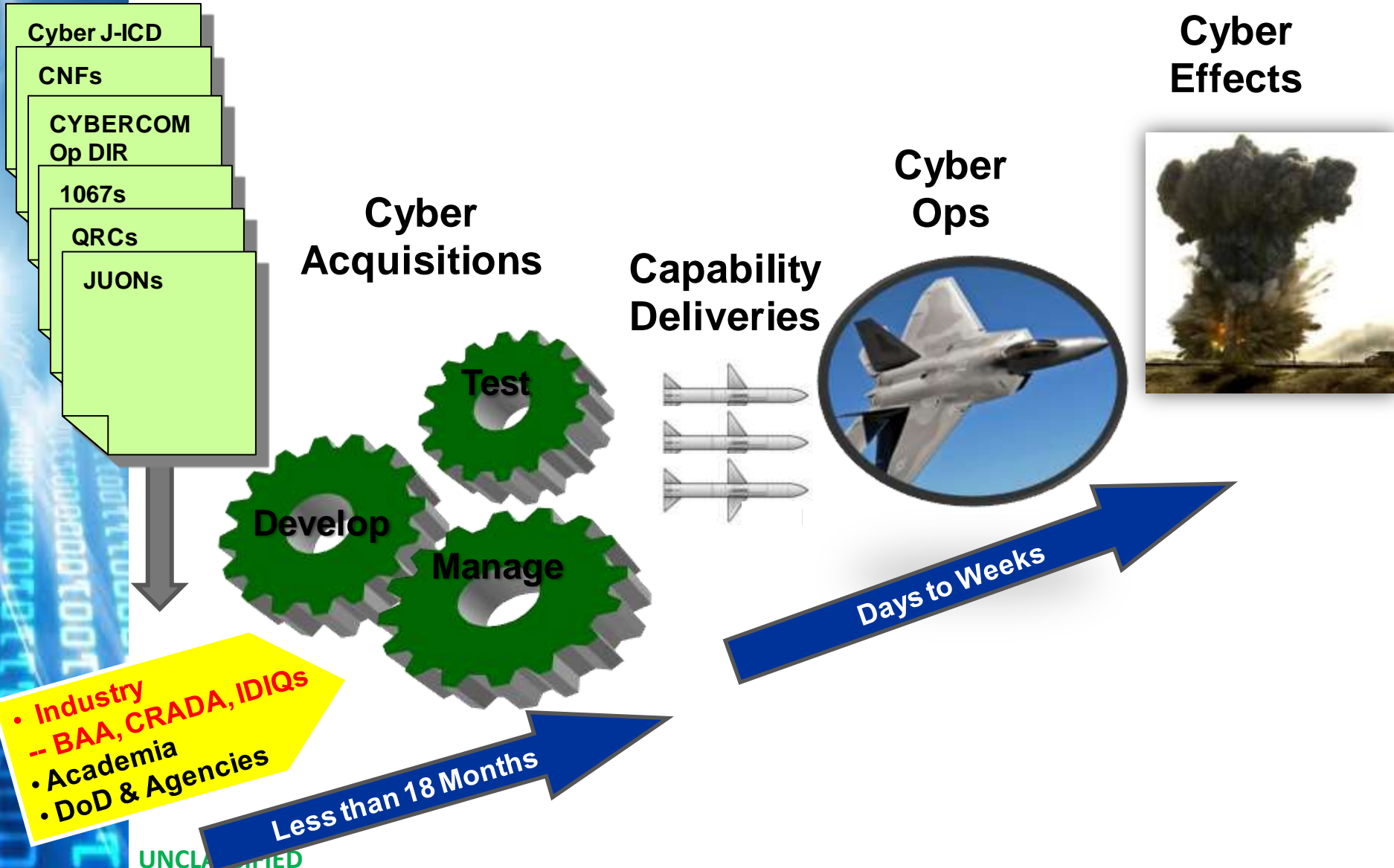
(tailored DoDI 5000 includes Sec 933 inputs
And reflects Offensive Cyber Production Line)

Cyber Production Line

Cyber J-ICD

CNFs

CYBERCOM Op DIR

1067s

QRCs

JUONs

Cyber Acquisitions

Test

Develop

Manage

Capability Deliveries

Cyber Ops

Cyber Effects

Days to Weeks

- Industry
-- BAA, CRADA, IDIQs
- Academia
- DoD & Agencies

Less than 18 Months

Way Ahead

- ✪ Establishing new AF Partnerships to improve Rapid Cyberspace domain

- ✪ Work with AF & OSD to improve Cyber acquisition policy and processes
  – Implement best practices
  – Develop flexible funding authorities
  – Consistent with Cyber Vision 2025 and OSD Section 933

Questions?