



**Command, Control, Communications,
Intelligence and Networks
Directorate (AFLCMC/HN)**

Executive Overview

November 2020

Providing the Warfighter's Edge

AFPEO/C3I&N Directorate Leadership Team



AFLCMC COMMANDER
 LT GEN SHAUN MORRIS

SAF/AQ (SAE)
 THE HONORABLE
 DR. WILLIAM ROPER

EW/AVIONICS DIV (AFLCMC/WNY)
 COL GREGG W. JEROME

SPACE & C3I DIV (AFLCMC/HBZ)
 COL BRIAN HENSON

EIT/CLOUD CAPABILITIES SML (AFLCMC/HNIT)
 COL JUSTIN COLLINS

TBD

PENDING CIV SML
ENTERPRISE CONNECT APPS SML (AFLCMC/HNI)

PENDING CIV SML
CRYPTO SYSTEMS (AFLCMC/HNC-CR)
 MS DIANE TSCHOEPE-LICHTE (ACTING)

CYBER SYSTEMS SML (AFLCMC/HNC-CY)
 COL TIMOTHY HELFRICH

AERIAL NETWORKS SML (AFLCMC/HNA)
 COL SHANE LOUIS

SPECIAL PRGMS SML (AFLCMC/HNJ)
 COL WILLIAM CURLIN

ENTERPRISE IT & CYBERSPACE INFRASTRUCTURE UPPER SML (AFLCMC/HNI)
 COL ROBERT KING

CRYPTO & CYBER SYSTEMS UPPER SML (AFLCMC/HNC)
 COL ALLAN CARREIRO

Engineering
 MR. GLEN TOWNSEND

Financial Mgt
 MR. SEAN DUFFY

IT/Cyberspace Ops Spt
 MS. ANN MARKMAN

Contracting
 MR. PETE IZZO

Life Cycle Logistics
 MR. STEPHEN LAFLEUR

Program Execution/Ops Mgt
 MR. ANDY GIACONIA

Human Resources
 MS. ANNETTE GARTLAND

Information Protection
 MR. ANDREW LIBERT

Intelligence
 MR. PAUL DENNO

SENIOR IMA TO PEO/C3I&N
 COL MARTHA MONROE

SENIOR ENLISTED ADVISOR TO DIRECTOR
 CMSgt ALDO ADAMS

AFPEO/C3I&N
 MAJ GEN MICHAEL SCHMIDT

DEPUTY PEO
 MR. SCOTT OWENS

AFPEO/C3I&N (Execution & Organize/Train/Equip)

AFLCMC/WN for OTE & PEO/C3I&N AND PEO/NC3 for Execution

AFLCMC/HB for OTE & PEO/C3I&N for Execution

Deliver...Innovate...Grow...D.I.G. In!

AFLCMC/HN (AFPEO/C3I&N) Directorate Portfolio & Mission Areas



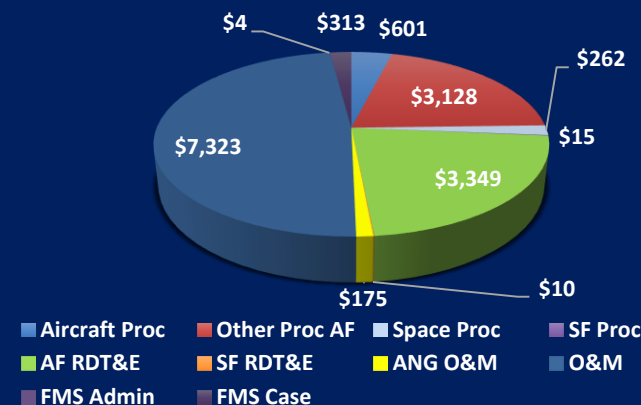
Directorate Portfolio (Workload Master List):

	PEO/C3I&N Program Execution <u>AND</u> O/T/E Responsibility	PEO/C3I&N Execution <u>ONLY</u> (Other Directorates Have O/T/E Responsibility)
ACAT I	1	
ACAT II		
ACAT III	9	
AML-Exempt	58	
Sustainment Activities	29	10
JUON/JEON/ QRC	6	
FMS (Direct & Line Cases)	~165	
Section 804	1 (Unified Platform)	
Agile Software Pathway	2 (UP & JCC2)	
Section 847	1 (Cyber Mission Platform)	
2373/2371 OTA (EITaaS RREs* & SEITaaS Pathfinder)	4	
Mission Support	22	

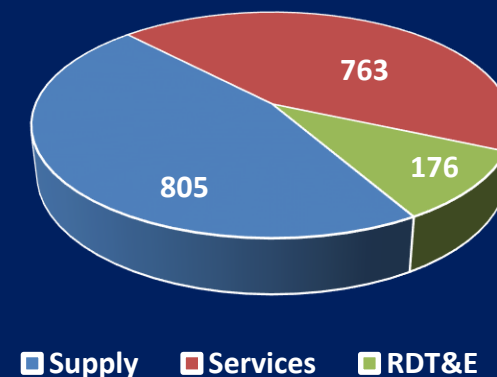
Mission Areas:

- IT/Commoditized Infrastructure
- Enterprise IT Services
- Offensive/Defensive Cyber Weapon Sys
- COMSEC
- AFNET Ops
- Crypto Modernization
- Cloud Infrastructure
- Tactical Aerial Networks
- Special Projects
- Data Links
- DevSecOps

FY21PB Directorate FY18-25 - approx \$15B



Directorate Active Contracts



Directorate Mission: "Connecting warfighters with affordable, secure & war winning cyber, C3I & network systems"

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* Follow-on EITaaS & CSS2 pending SCAT/ACAT I or II
Public Affairs Release Case Number: 66ABG-2020-0049

AFLCMC/HN (AFPEO/C3I&N) Portfolio "Swim Lanes"



Crypto & Cyber

Space Crypto



Air/Ground Crypto



Joint Cyber C2



Unified Platform



Cyber Mission Platform



Software Factories



Foreign Military Sales



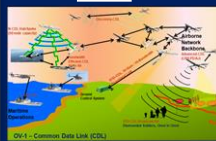
BLACK LABEL

Aerial Networks

BACN Link-16 Enhancements



Common Data Link



Full Motion Video Extension & Unified Relay



Foreign Military Sales



Link 16 Alaska (LAK)

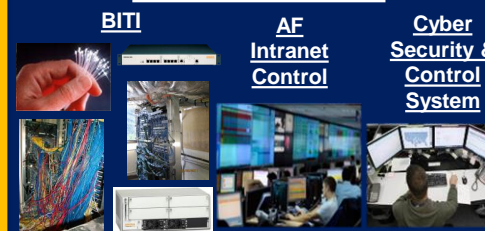


AERONet



EIT/Cyber Infrastructure

Air Force Network



Air Force Public Key Infrastructure



Theater Deployable Comm



Cloud Hosted Enterprise Services



Enterprise IT as a Service



Special Projects

Kill Chain-Campaign of Experiments



Advanced Technology Branch



SEITaaS

Electronic Warfare Branch



Developmental Planning



AFLCMC/HN (AFPEO/C3I&N) Directorate Locations

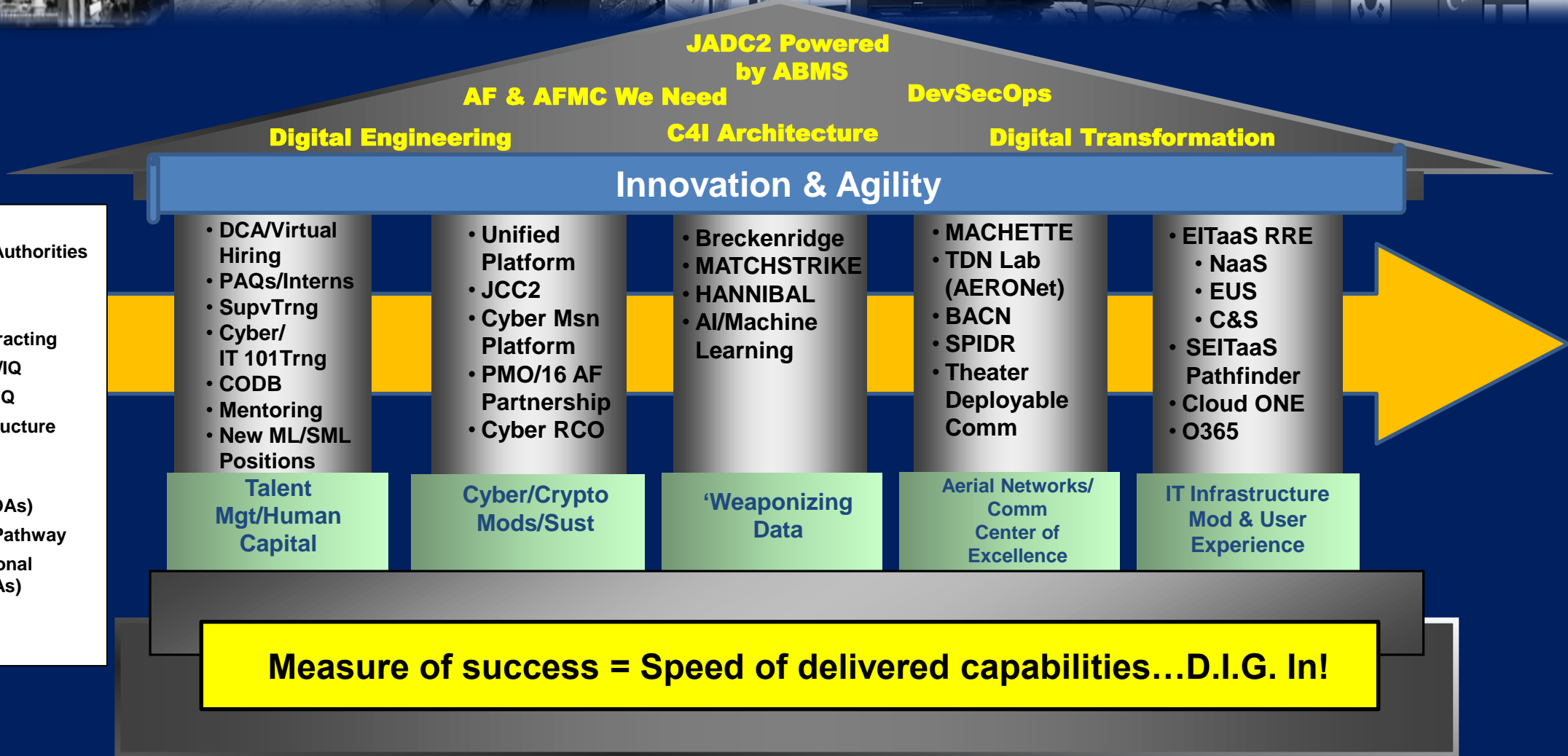
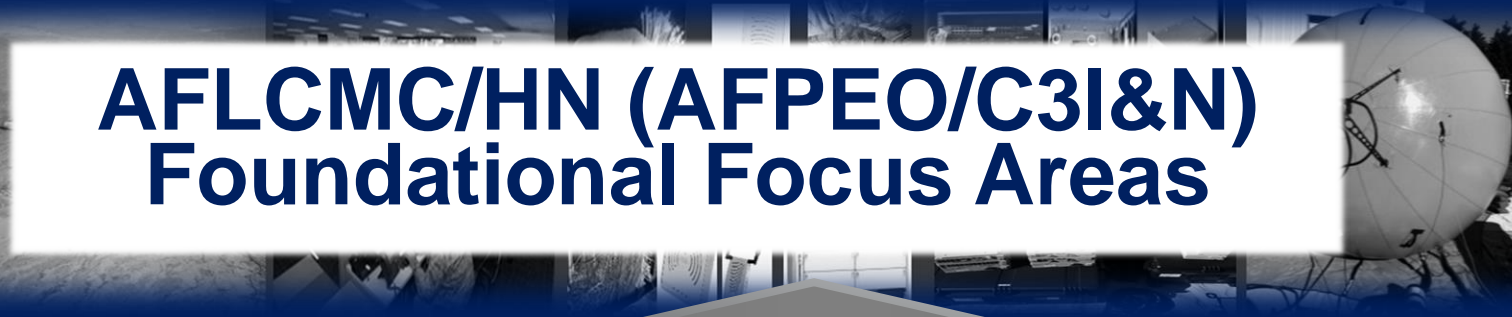


- Major Customers/Enterprise Partners**
- COCOMS
 - ACC
 - AFSPC
 - AFGSC
 - AFMC
 - AFSOC
 - AFCENT
 - SAF/CN
 - SAF/IA
 - AFSAC
 - AFLCMC
 - FMS Customers
 - Other Services
 - DISA
 - SPAWAR/MIDS-JPO
 - CCC
 - AFCENT
 - 16 AF
 - HAF/SAF 2Ltrs
 - F-35 JPO
 - AF Chief Architect
 - AF CSO
 - Industry Partners
 - Academia
 - MASS Development

	Mil	Civ	CME
Authorized	368	1167	999
Assigned	328	1066	861*

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AFLCMC/HN (AFPEO/C3I&N) Foundational Focus Areas



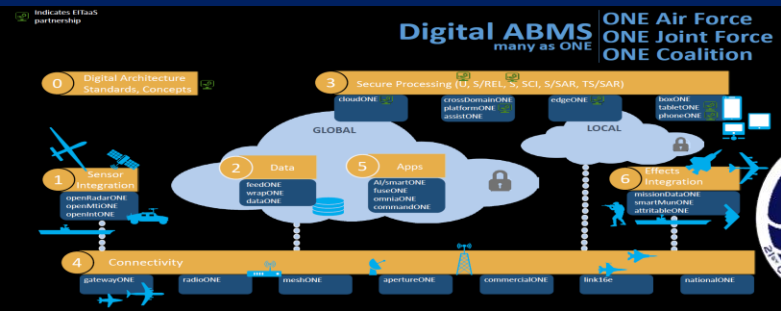
- Key Enablers**
- ✓ Delegated Acq Authorities
 - ✓ Section 804/874
 - ✓ Pitch Days
 - ✓ Innovative Contracting
 - ✓ Crypto ID/IQ
 - ✓ Cyber ID/IQ
 - ✓ IT/Infrastructure
 - ✓ T&M
 - ✓ Basic Ordering Agreements (BOAs)
 - ✓ Agile Software Pathway
 - ✓ Other Transactional Authorities (OTAs)
 - ✓ 2373
 - ✓ 2371B

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AFLCMC/HN (AFPEO/C3I&N) Agility In Acquisition



JADC2 Powered by ABMS – Multiple Flip the Script Events/Experiments



Rapid Prototyping (Section 804) & Agile Software Pathways



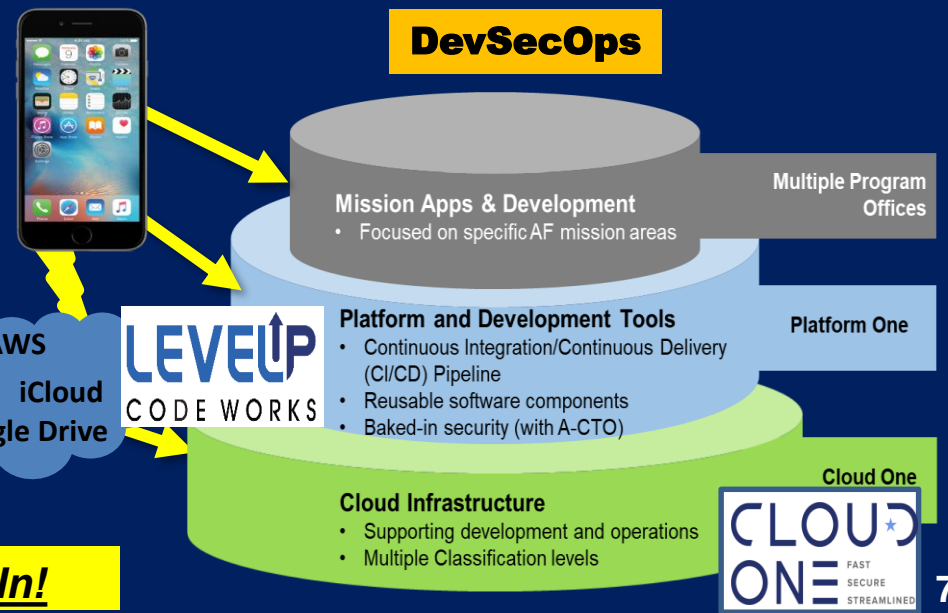
Inaugural AF Pitch Day in NYC



Agile Acquisition – Multiple Basic Ordering Agreements & ID/IQ vehicles



DevSecOps



Innovative Contracting - Other Transaction Authority (OTA)



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JADC2 Powered By ABMS Product Line Map

AFPEO/C3I&N Product Line Owners



Indicates EITaaS partnership

0 Digital Architecture Standards, Concepts

3 Secure Processing (U, S/REL, S, SCI, S/SAR, TS/SAR)

1 Sensor Integration
 openRadarONE
 openMtiONE
 openIntONE

GLOBAL
 Aerial Networks Div

2 Data
 feedONE
 wrapONE
 dataONE

5 Apps
 AI/smartONE
 fuseONE
 omniaONE
 commandONE

LOCAL

cloudONE
 crossDomainONE
 platformONE
 assistONE
 edgeONE
 boxONE
 tabletONE
 phoneONE

6 Effects Integration
 missionDataONE
 smartMunONE
 attritableONE

4 Connectivity

gatewayONE
 radioONE
 meshONE
 apertureONE
 commercialONE
 link16e
 nationalONE

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S&T Partnership Opportunities



- Moving to a true Enterprise IT ‘As A Service’ solution at ALL levels
- Institutionalize DevSecOps software factory tenets & principles
- Build out/migrate a warfighting Cloud architecture
- Best of breed partnerships for an agile/tactical communication solution
- Increase velocity of Cyber Acquisition
- Affordable/exportable aerial C2 solutions (i.e. AERONet)
- Adopting commercial innovations across entire portfolio
- Rapid experimentation/prototyping across ABMS spectrum of ‘ONEs’
- Infuse C3I&N portfolio with start-up/venture capital industry partners

**Continued partnership with AFRL & industry
critical to success!**

AFLCMC/HN (AFPEO/C3I&N) Enterprise Teammates



FFRDC



ARS EPASS Prime and Subcontractor Team



...and Numerous Prime Contractors...



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