





### **Conference Program**

November 13-15, 2017 Bahia Resort Hotel San Diego, CA

### WELCOME TO ISC FALL

As your host, I would like to take this opportunity to welcome each and every one of you to the semiannual joint AIA/NDIA Industrial Security Committee meeting. This meeting is the primary engagement forum for senior civilian US Government industrial security policy makers from the Department of Defense and Intelligence Communities; as well as senior industry security executives from the top 200 defense companies. Myself, Mitch and our respective executive committee members; as well as the many industry volunteers; have strived to create an agenda to provide you with the opportunity to engage with your government and industry counterparts in candid and respectful discussions on those strategic operational and policy issues directly impacting

national security and mission success. Over the next two and half days, the goal is to facilitate strong government and industry partnerships that can develop implementable solutions to address the critical issues and needs directly impacting government and industry. This meeting can only be as successful as you make it; your involvement is critical. Remember this meeting is a non-attributional environment so please do not be shy.

I look forward to meeting everyone and if there is anything I can do for you, please do not hesitate to let me know.

Enjoy the meeting. Enjoy San Diego.

Steven Kipp

Chairman

AIA Industrial Security Committee

### SCHEDULE AT A GLANCE

#### **SUNDAY, NOVEMBER 12**

#### **Registration Open**

Mission Bay Ballroom Foyer 6:30 - 7:30 pm

#### **MONDAY, NOVEMBER 13**

#### **Networking Breakfast**

Shell/Ventana 7:00 - 8:00 am

#### **General Session**

Mission Bay Ballroom A-D 8:00am - 4:30 pm

#### **Concurrent Sessions**

Mission Bay Ballroom 4:45 - 5:45 pm

#### **Networking Reception**

Beach 6:30 - 8:00 pm

#### **TUESDAY, NOVEMBER 14**

#### **Networking Breakfast**

Shell/Ventana 7:00 - 8:00 am

#### **General Session**

Mission Bay Ballroom A-D 8:00am - 4:30 pm

#### **Concurrent Sessions**

Mission Bay Ballroom 5:30 - 6:15 pm

#### **Networking Dinner**

Dockside, William D. Evans 6:30 - 9:00 pm

#### **WEDNESDAY, NOVEMBER 15**

#### **Networking Breakfast**

Shell/Ventana 7:00 - 8:00 am

#### **General Session**

Mission Bay Ballroom A-D 8:00 - 11:30 am





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### **NDIA**

#### WHO WE ARE

The National Defense Industrial Association is the trusted leader in defense and national security associations. As a 501(c)(3) corporate and individual membership association, NDIA engages thoughtful and innovative leaders to exchange ideas, information, and capabilities that lead to the development of the best policies, practices, products, and technologies to ensure the safety and security of our nation. NDIA's membership embodies the full spectrum of corporate, government, academic, and individual stakeholders who form a vigorous, responsive, and collaborative community in support of defense and national security. For more information, visit **NDIA.org** 

### AIA

#### WHO WE ARE

The Aerospace Industries Association (AIA) was founded in 1919 and is the largest and oldest U.S. aerospace and defense trade association, representing 347 aerospace and defense manufacturers and suppliers with approximately 844,000 employees. Our members represent the leading manufacturers and suppliers of civil, military and business aircraft, missiles, space systems, aircraft engines, material and related components, equipment services and information technology. Visit aia-aerospace.org for more information.



# PROCUREMENT DIVISION

### LEADERSHIP AND COMMITTEES

#### Steven Kipp

AIA Division Chair

#### Mitchell Lawrence

NDIA Division Chair

#### Kai Hanson

AIA Division Vice Chair

#### Richard Lawhorn

NDIA Division Vice Chair

### **EVENT INFORMATION**

#### **LOCATION**

Bahia Resort Hotel 998 W. Mission Bay Drive San Diego, CA 92109

### EVENT WEBSITE

ndia.org/JointNDIAAIAFALL

#### **ATTIRE**

Appropriate attire for the conference is business casual for civilians and Class B uniform or uniform of the day for military personnel. The reception and dinner are casual dress.

#### **PROCEEDINGS**

Proceedings will be available 10-14 business days from the last day of the conference. All proceedings require release confirmation from the presenter.

A secure, direct link to the proceedings will be sent to attendees after review from the Defense Technical Information Center (DTIC).

### SURVEY AND PARTICIPANT LIST

A survey and list of attendees (name and organization only) will be e-mailed to you after the symposium. NDIA would appreciate your time in completing the survey to help make our event even more successful in the future.





### **AGENDA**

#### **SUNDAY, NOVEMBER 12**

6:30 - 7:30 pm

**REGISTRATION OPEN** 

MISSION BAY BALLROOM FOYER



#### **MONDAY, NOVEMBER 13**

7:00 am – 5:00 pm

**REGISTRATION OPEN** 

MISSION BAY BALLROOM FOYER

7:00 - 8:00 am

**NETWORKING BREAKFAST** 

SHELL/VENTANA

#### **INDUSTRY ONLY**

8:00 - 11:45 am

**GENERAL SESSION** 

MISSION BAY BALLROOM A-D

8:00 - 8:15 am

**OPENING REMARKS** 

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security Committee

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA Industrial Security Committee

8:15 - 9:45 am

**NISPPAC POLICY PRESENTATION** 

MISSION BAY BALLROOM A-D

Mrs. Michelle Sutphin

Vice President, Security Platforms & Services, BAE Systems, Inc.

9:45 - 10:00 am

**REFRESHMENT BREAK** 

MISSION BAY BALLROOM FOYER



10:00 – 10:45 am LEGISLATIVE DISCUSSIONS

MISSION BAY BALLROOM A-D

Dr. Jon Rosenwasser

Minority Budget Director, Select Committee on Intelligence, United States Senate

10:45 - 11:45 am CONCURRENT SESSIONS

**AIA Membership Meeting** 

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security

Committee

**NDIA Membership Meeting** 

MISSION BAY BALLROOM E

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA

Industrial Security Committee

11:45 AM – 1:00 pm LUNCH (ON YOUR OWN)

#### **INDUSTRY & GOVERNMENT**

1:00 - 4:30 pm GENERAL SESSION

MISSION BAY BALLROOM A-D

1:00 - 1:15 pm AFTERNOON SESSION OPENING REMARKS

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security Committee

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA Industrial Security Committee

1:15 – 1:45 pm KEYNOTE: SUPPLY CHAIN RISK MANAGEMENT

MISSION BAY BALLROOM A-D

Ms. Jennifer Bisceglie

President & CEO, Interos Solutions, Inc.

1:45 - 2:15 pm **ODNI** 

MISSION BAY BALLROOM A-D

Mr. William "Bill" Evanina

Director, National Counterintelligence and Security Center, ODNI





2:15 - 3:15 pm OPM/NBIB UPDATE

MISSION BAY BALLROOM A-D

Mr. Charlie Phalen

Director, National Background Investigations Bureau

3:15 – 3:30 pm REFRESHMENT BREAK

MISSION BAY BALLROOM FOYER

ENGILITY
Engineered to Make a Difference

3:30 - 4:30 pm OUSD(I)

MISSION BAY BALLROOM A-D

Mr. Garry Reid

Director, Defense Intelligence & Security, Office of the Under Secretary of Defense for Intelligence

4:30 pm ADJOURN FOR THE DAY

4:45 – 5:45 pm OPTIONAL CONCURRENT

**SESSIONS** 

**DSS Regional Directors** 

"Help Desk"

MISSION BAY BALLROOM A-D

**TransUnion Presentation** 

MISSION BAY BALLROOM E

6:30 – 8:00 pm NETWORKING RECEPTION (CASUAL DRESS)

**BEACH** 

Two complimentary drinks per person. Cash required for any additional

beverages desired.

**TUESDAY, NOVEMBER 14** 

7:00 am – 4:30 pm **REGISTRATION** 

MISSION BAY BALLROOM FOYER

LexisNexis®

7:00 – 8:00 am NETWORKING BREAKFAST

SHELL/VENTANA

SIMS SOFTWARE

#### **INDUSTRY & GOVERNMENT**

8:00 am - 4:30 pm GENERAL SESSION

MISSION BAY BALLROOM A-D

8:00 – 8:15 am OPENING REMARKS

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security Committee

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA Industrial Security Committee

8:15 – 9:00 am DSS IN TRANSITION UPDATE

MISSION BAY BALLROOM A-D

Mr. Daniel Payne

Director, Defense Security Service

9:00 – 10:00 am **DSS UPDATE** 

MISSION BAY BALLROOM A-D

Mr. Daniel Payne

Director, Defense Security Service

Mr. Benjamin Richardson

Deputy Director, Industrial Base Protection, OUSDI

10:00 – 10:15 am REFRESHMENT BREAK

MISSION BAY BALLROOM FOYER

ENGILITY
Engineered to Make a Difference

10:15 - 10:45 am **DOD CAF UPDATE** 

MISSION BAY BALLROOM A-D

Mr. Edward "Ned" Fish

Director, Central Adjudication Facility, DoD





#### 10:45 am - 12:00 pm

#### PERSONNEL SECURITY CLEARANCE PANEL

MISSION BAY BALLROOM A-D

Mr. Charlie Sowell

Chief Operating Officer, iWorks Corporation *Moderator* 

Mr. Mike Butler

Chief of Staff, Defense Manpower Data Center

Mr. Mark Hakun

DISA

Ms. Andrea Luque

Army PSI CoE

Mr. Perry Russell Hunter

DOHA

Mr. Raju Shah

DISA

Mr. Jorge Shimabukuro

NBIB Deputy Assistant Director, U.S. Office of Personnel Management

Mr. Chuck Tench

Defense Security Service

#### 12:00 - 1:15 pm

#### **LUNCH (ON YOUR OWN)**

#### 1:15 - 1:30 pm

#### AFTERNOON SESSION OPENING REMARKS

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security Committee

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA Industrial Security Committee

#### 1:30 - 2:15 pm

#### INSIDER THREAT IMPLEMENTATION

MISSION BAY BALLROOM A-D

Mr. Keith Minard

Assistant Director, Industrial Security Integration and Application, Defense Security Service

Mr. Matt Roche

Assistant Director, Operations, Defense Security Service

2:15 - 3:00 pm

#### SAP PANEL

MISSION BAY BALLROOM A-D

#### Mr. Mark Rush

Division Security Manager, Northrop Grumman Corporation *Moderator* 

#### Mr. Paul Akerley

Security Director, DoD SAPCO

#### Mr. Jon Henderson

Chief, Information Security Office, DoD SAPCO

#### Ms. Kristina Glines

Director of Security, DON SAPCO, U.S. Navy

#### Mr. Terry Phillips

SAP Security Director, U.S. Air Force

3:00 - 3:15 pm

#### REFRESHMENT BREAK

MISSION BAY BALLROOM FOYER



#### 3:15 - 4:00 pm

#### INTELLIGENCE COMMUNITY PANEL

MISSION BAY BALLROOM A-D

#### Mr. Marc Ryan

Director of Security and Export Compliance, SalientCRGT *Moderator* 

#### Ms. Amy Davis

Chief, Office of Physical Security, National Security Agency

#### Mr. Steven Gonzales

Deputy Director, Office of Security, National Geospatial Intelligence Agency

#### Ms. Amy Kraynack

Chief, Strategic Investment & Policy Division, National Reconnaissance Office

#### Mr. Michael Londregan

Director of Security, Defense Intelligence Agency

#### Mr. Steve Perron

Deputy Director of Security, Central Intelligence Agency

#### 4:00 - 4:30 pm

#### SAP IT IN INDUSTRY: WHERE DOD IS GOING

MISSION BAY BALLROOM A-D

Mr. Kenneth Bowen

SAP CIO, DoD

#### 4:30 pm

#### ADJOURN FOR THE DAY





5:30 – 6:15 pm OPTIONAL CONCURRENT

**SESSIONS** 

Foreign Ownership, Control or Influence (FOCI) Roundtable

MISSION BAY BALLROOM E

Ms. Jennifer Brown

Director of Security, iDirect Government *Moderator* 

Mr. Fred Gortler

Director, Industrial Security Integration & Application, Defense Security Service

**RMF Breakout** 

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security

Committee *Moderator* 

Mr. Karl Hellman

NISP Authorizing Official, Defense Security

Service

6:30 pm NETWORKING DINNER (CASUAL DRESS)

DOCKSIDE, WILLIAM D. EVANS

#### **WEDNESDAY, NOVEMBER 15**

7:00 – 11:30 am **REGISTRATION OPEN** 

MISSION BAY BALLROOM FOYER



7:00 – 8:00 am NETWORKING BREAKFAST

SHELL/VENTANA

#### **INDUSTRY & GOVERNMENT**

8:00 - 11:30 am GENERAL SESSION

MISSION BAY BALLROOM A-D

8:00 – 8:15 am OPENING REMARKS

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security Committee

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA Industrial Security Committee

#### 8:15 - 9:15 am DSS IN TRANSITION INDUSTRY PILOT

MISSION BAY BALLROOM A-D

Mr. Greg Garcia

Senior Manager, Industrial Security, Raytheon Company

#### 9:15 – 9:30 am **REFRESHMENT BREAK**

MISSION BAY BALLROOM FOYER



#### 9:30 – 10:30 am DSS OPERATIONS PANEL

MISSION BAY BALLROOM A-D

Mr. Leonard Moss, Jr.

ISP(r), CPP(r), CHS-V Vice President Security & Facilities Chief Security Officer and Insider Threat Program Senior Official

Moderator

#### Mr. Dave Bauer

Regional Director, Western Region, Defense Security Service

#### Mr. Jonathan (Chris) Fraser

Assistant Deputy Director, Operations, Defense Security Service

#### Ms. Heather Green

Chief, Personnel Security Management Office, Defense Security Service

#### Mr. Karl Hellman

NISP Authorizing Official, Defense Security Service

#### Mr. Matt Roche

Assistant Director, Operations, Defense Security Service

#### Mr. Justin Walsh

Regional Director, Capital Region, Defense Security Service

#### 10:30 – 11:00 am DOD TECHNOLOGY UPDATES AND DEMONSTRATIONS

MISSION BAY BALLROOM A-D

#### Mr. Kumar Gnanamurthy

DISS Project Manager, Defense Manpower Data Center

#### Mr. Nick LeVasseur

DISS Deputy Program Manager, Defense Manpower Data Center

#### Mr. Sheldon Soltis

DISA/NBIS





11:00 - 11:30 am

#### **FALL 2017 CONFERENCE PLANNING**

MISSION BAY BALLROOM A-D

Mr. Steven Kipp

Director, Information Systems Security, L3 Technologies; Chairman, AIA Industrial Security Committee

Mr. Mitchell Lawrence

Senior Consultant, PAE, Inc.; Chairman, NDIA Industrial Security Committee

11:30 am

**CLOSING COMMENTS AND CONFERENCE ADJOURNS** 



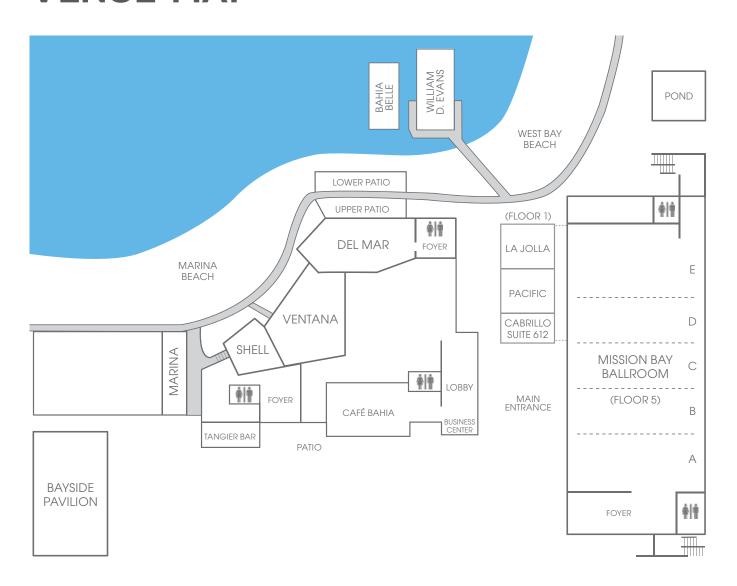
# 2018 JOINT ANNUAL NDIA/AIA INDUSTRIAL SECURITY COMMITTEE SPRING CONFERENCE

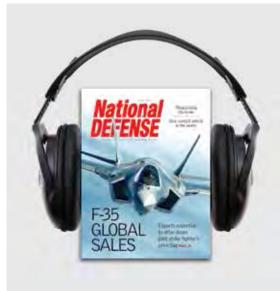
SAVE THE DATE

APRIL 30 - MAY 2

SCOTTSDALE, AZ

### **VENUE MAP**





#### NATIONAL DEFENSE MAGAZINE PODCAST

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**PREMIER** 



TransUnion Government Information Solutions help federal, state and local agencies make smarter decisions. TransUnion goes beyond credit data to offer the insights that government professionals need to make informed decisions and ensure citizen safety, manage compliance and boost services for the constituents they serve. Whether your organization provides benefit services, protects public safety or collects tax revenue, TransUnion can provide the information you need to operate more confidently, securely and efficiently while controlling costs.

At TransUnion, we understand that unique data, coupled with

the right analytics, can help the government achieve astonishing results for mission-critical requirements. TransUnion can help ensure compliance and program integrity and proactively address continuous evaluation and insider threats by leveraging its public and proprietary data sources. Our threat monitoring solutions, comprised of external data designed to provide notification of high-risk behavioral changes, can help better prepare you to address indicators of potential risks before they occur. To learn more about how our Government Information Solutions can help your agency, visit transunion.com/government

#### ELITE



iWorks Corporation is a rapidly-growing certified SBA small disadvantaged business that provides information technology and professional services. We specialize in managing business processes and systems integration for both government and commercial clients. iWorks supports numerous United States Government organizations, including the Department of Defense (e.g., DLA, DMDC, Army), Department of Transportation, Department of Justice, Department of Housing and Urban Development, and Department of Homeland Security, providing professional and IT services.

iWorks has distinctive expertise in the federal personnel security domain. We have been instrumentally involved in security clearance reforms over the past seven years, as we worked to develop and support the Defense Information System for Security (DISS). We architected and built the entire suite of DISS Enterprise personnel security applications, which replace the legacy Joint Personnel Adjudication System (JPAS) and legacy Case Adjudication Tracking System (CATS). The DISS Enterprise is the system of record for all DoD security, suitability, and credentialing data. DISS is also a core component of the future National Background Information System (NBIS).

iWorks COO, Charlie Sowell, is moderating the Personnel Security Clearance Panel on Tuesday, November 14th from 10:45 AM - 12:00 PM. iWorks Senior Vice President and DISS Development Lead, Kumar Gnanamurthy, is speaking on Wednesday, November 15th from 10:30 AM – 11:00 AM on the DoD Technology Updates and Demonstrations Panel.

# THANK YOU TO OUR SPONSORS













# NISPPAC Security Policy Updates

AIA/NDIA Edition







## Michelle J. Sutphin, ISP

Vice President, Security, P&S Sector, BAE Systems NISPPAC Industry Spokesperson Michelle.Sutphin@baesystems.com



Updated: 11/10/2017

# NISPPAC Members

GOVERNMENT		
Mark Bradley, Chair	ISOO	
Michael Mahony	CIA	
Fred Gortler	DSS	
David M. Lowy	Air Force	
Patricia Stokes	Army	
Thomas Predmore	Commerce	
Carrie Wibben	DOD	
Marc Brooks	Energy	
Steven Lynch	DHS	
Anna Harrison	DOJ	
Mark Livingston	Navy	
Kimberly Baugher	DOS	
Zudayyah L. Taylor-Dunn	NASA	
Amy Davis	NSA	
Denis Brady	NRC	
Valerie Kerben	ODNI	

Michelle Sutphin, Spokesperson  Dennis Keith Harris Corporation  Quinton Wilkes L3 Technologies  Kirk Poulsen Leidos  Dan Mcgarvey Alion S &T	
Quinton Wilkes L3 Technologies Kirk Poulsen Leidos	
Kirk Poulsen Leidos	
Dan Mcgarvey Alion S &T	
<b>Dennis Arriaga</b> SRI International	
Bob Harney Northrop Grummar	)
Martin Strones Strones Enterprises	

MOU		
Steve Kipp	AIA	
Bob Lilje	ASIS	
Brian Mackey	CSSWG	
Shawn Daley	FFRDC/UARC	
Larry Hanauer	INSA	
Marc Ryan	ISWG	
Aprille Abbott	NCMS	
Mitch Lawrence	NDIA	
Matt Hollandsworth	PSC	

Katie Timmons, Industry ViaSat Coordinator\*

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# NDAA 2017 Section 1647

- Formation of an "Advisory Committee on Industrial Security and Industrial Base Policy" and will terminate on September 20, 2022.
- They will review and assess:
  - (A) the national industrial security program for cleared facilities and the protection of the information and networking systems of cleared defense contractors;
  - (B) policies and practices relating to physical security and installation access at installations of the Department of Defense;
  - (C) information security and cyber defense policies, practices, and reporting relating to the unclassified information and networking systems of defense contractors;
  - (D) policies, practices, regulations, and reporting relating to industrial base issues; and
  - (E) any other matters the Secretary determines to be appropriate;
- 5 government and 5 non-government entities
- Charter filed April 30, 2017 not yet funded

# NDAA 2018 Section 805

- DEFENSE POLICY ADVISORY COMMITTEE ON TECHNOLOGY
- The Secretary of Defense shall form a committee of senior executives from United States firms in the national technology and industrial base to meet with the Secretary, the Secretaries of the military departments, and members of the Joint Chiefs of Staff to exchange information, including, as appropriate, classified information, on technology threats to the national security of the United States and on the emerging technologies from the national technology and industrial base that may become available to counter such threats in a timely manner.
- The defense policy advisory committee on technology...shall meet...at least once annually in each of fiscal years 2018 through 2022.

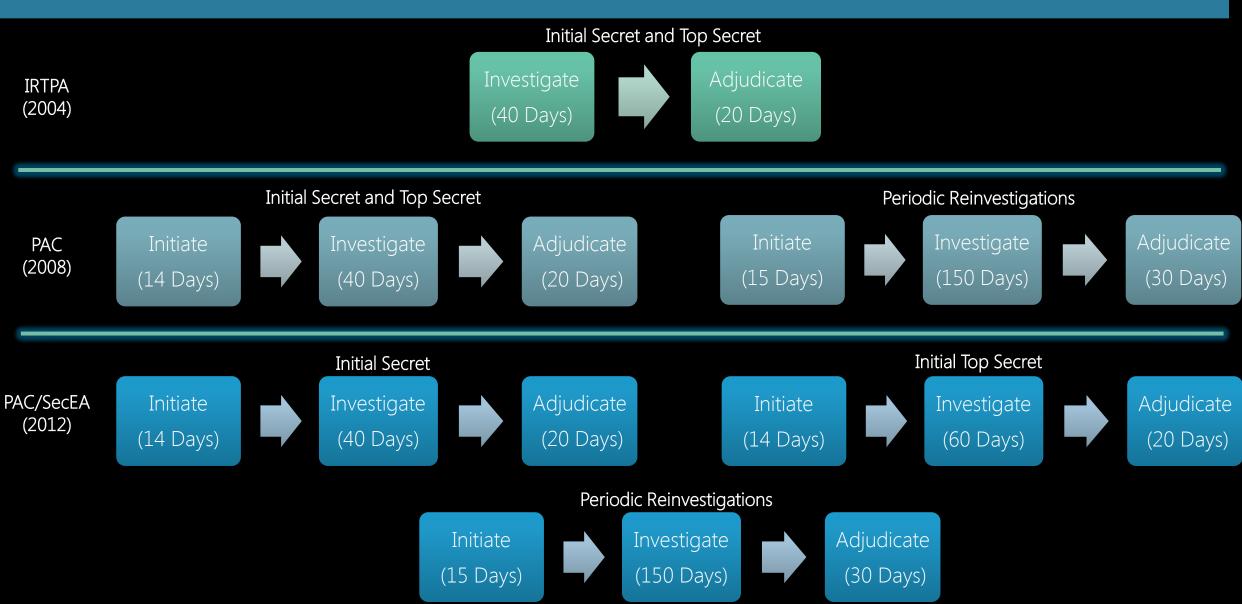
## NISPOM CC2

- NISPOM Conforming Change 2 was published May 18, 2016
- The DSS ISL for NISPOM CC2 published May 25, 2016
- During 2017, the DSS focus on Insider Threat programs will be on BASIC compliance. They will want to validate that we have a program, the ITPSO is designated and that we are conducting the required training.
- To date, there has been an 8% increase in incident reports!
- DSS will be looking for industry's input on how they will start to assess effectiveness through a working group.

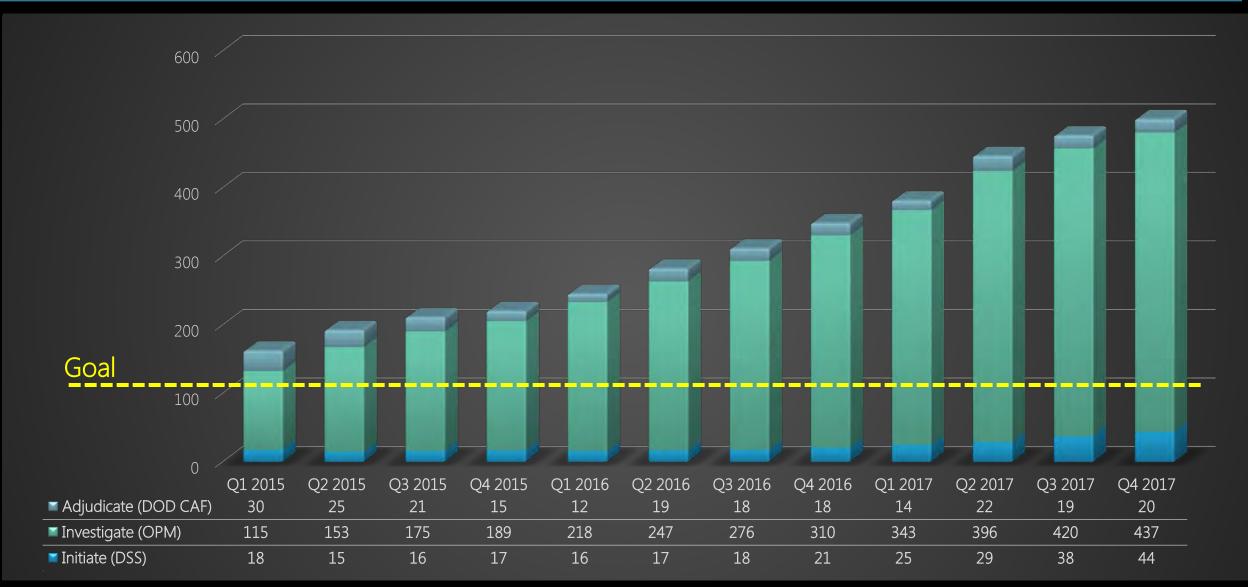
## NISPOM Re-Write

- Full re-write is currently underway
- Different format and also a full review for revisions
- Coordination between government and industry is taking place at the NISPPAC level
- Currently have over 80 industry participants reviewing and providing comments to the NISPPAC
- Final meeting took place October 19, 2017

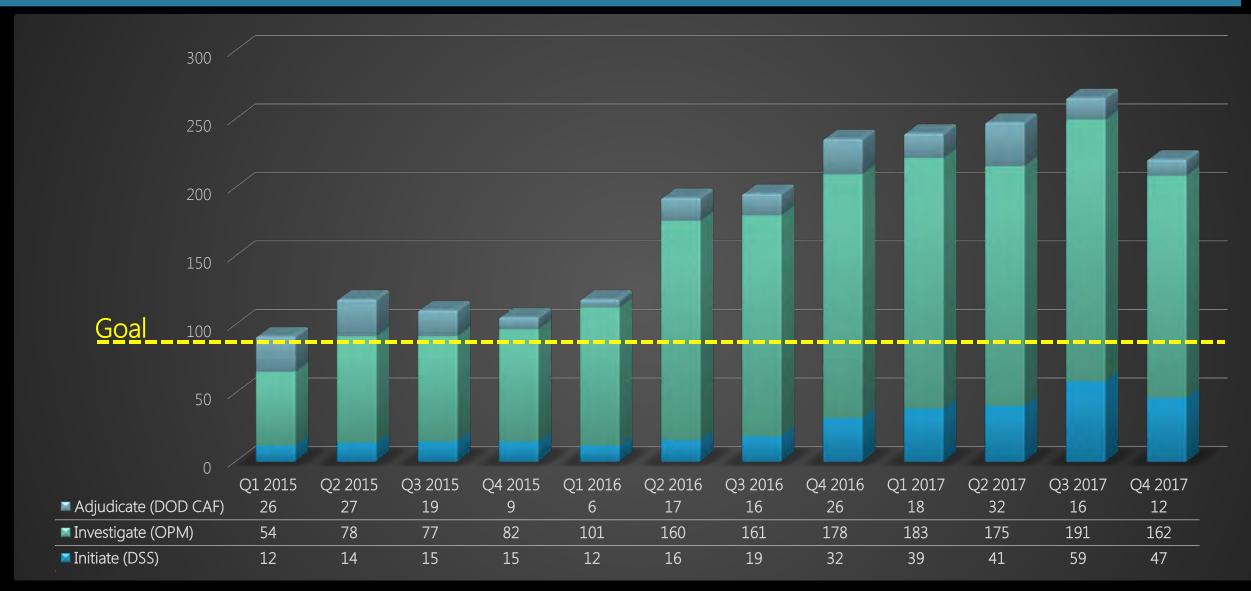
# It's Nice to Have a Goal...



# Initial Top Secrets: 163 days to 501 days



# Initial Secret & Confidential: 92 days to 221 days



# Top Secret PRs: 272 days to 596 days



# Secret PRs: 68 days to 242 days



# Feeding the Meter at PSMO-I



# The Move from Five to Six

- OUSD(I) Memo signed 1/17/2017: Extension of Periodic Reinvestigation Timelines to Address the Background Investigation Backlog
  - Tier 3 PRs (SECRET) will continue to be initiated 10 years after the date of the previous investigation.
  - Tier 5 PRs (TOP SECRET) will temporarily be initiated six years after the date of the previous investigation rather than five years. A re-evaluation of the 6 vs. 5 year Tier 5 PR will take place on 12/31/2017.



#### OFFICE OF THE UNDER SECRETARY OF DEFENS

5000 DEFENSE PENTAGON WASHINGTON, DC 20301-5000

JAN 1 7 2817

MILLIGENCE

#### MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Extension of Periodic Reinvestigation Timelines to Address the Background Investigation Backlog

References: (a) Tri-Services Memorandum, "Personnel Security Investigations Backlog and Operational Impacts to the Military Departments," July 29, 2016

- (b) Deputy Secretary of Defense Memorandum, "Personnel Security Investigations Backlog and Impacts," November 14, 2016
- (c) Director of National Intelligence, "Personnel Security Investigations Backlog and Impacts," December 10, 2016

In July 2016, the Service Secretaries expressed concern to the Secretary of Defense regarding the personnel security investigations (PSI) backlog of over 524,000 cases in a jointly signed memo (Reference A). This backlog negatively impacts the Department of Defense's (DoD) mission readiness, critical programs and operations. The growing investigation timelines are nearly two and a half times longer than the timeliness requirements outlined in the Intelligence Reform and Terrorism Prevention Act (IRTPA) of 2004. The Service Secretaries offered suggestions to the Secretary to address the growing backlog.

Based on the concerns raised by the Service Secretaries, the Deputy Secretary of Defense (DSD) sent a memorandum to the Director of National Intelligence (DNI) (Reference B) that explained what actions DoD was prepared to take to address the current backlog. The DNI responded (Reference C), endorsing DoD's proposed actions. Effective immediately, DoD Components and Agencies will implement the following actions to address the backlog:

- Until further notice, Tier 3 periodic reinvestigations (PRs) will continue to be conducted at ten year periodicity. The Department will delay implementation of five year Tier 3 PR requirements until OPM eliminates their backlog or a modernized solution is available that meets or exceeds the Federal Investigative Standards.
- 2. Until further notice, Tier 5 PRs submitted by DoD to the National Background Investigation Bureau will be initiated six years after the date of the previous investigation versus at the five year mark. This change in Tier 5 PR submissions will keep DoD's Tier 5 PR investigations within the current seven year reciprocity guidelines and will continue reducing the backlog. This change in periodicity will be reevaluated prior to December 31, 2017. PRs should only be submitted at a five year periodicity if:
- a. It is specifically required by other DoD policy (i.e. for a specific Special Access Program, or for Industry cases if directed by Defense Security Service).

# Air Force Gets Involved

- Air Force has over 90,000 backlogged investigations.
- Creating NBIB Hubs at Air Force installations to schedule and interview personnel.



### DEPARTMENT OF THE AIR FORCE HEADQUARTERS AIR FORCE MATERIEL COMMAND WRIGHT-PATTERSON AIR FORCE BASE OHIO



MEMORANDUM FOR ALHQCTR/CC/CL ALHQSTAFF ALINST/CC/CL

FROM: AFMC/CD

4375 Childlaw Road

Wright-Patterson AFB, OH 45433-5001

SUBJECT: Air Force and National Background Investigation Bureau Hubbing Event

- The Air Force has over 90,000 backlogged investigations. To address this, the SECAF tasked SAF/AA to collaborate with the National Background Investigation Bureau (NBIB) to reduce AF's backlog of personnel security investigations (PSI). One of the approved mitigation approaches is to establish temporary NBIB satellite offices or "hubs" at AF installations with large numbers of backlogged PSIs.
- 2. Beginning 30 Oct 17 and ending 19 Jan 18, WPAFB will host the first NBIB hub. My goal is to clear the Dayton OH region's PSI backlog over the next 12 weeks. NBIB will have a very short window of time to schedule and interview approximately 2,000 personnel at the WPAFB hub. I expect Commanders, Directors and Supervisors provide their full support to this effort and ensure all applicable military and civilian personnel schedule and attend their PSI interviews when contacted by my Information Protection (IP) staff or their representatives. This should be considered a mandatory appointment once finalized.
- AMFC/IP will began to generate information on scheduling and attendance procedures soon.
   My point of contact for this matter is Mr. Tim Jennings, HQ AFMC/IP, (937) 257-1717 or timothy\_jennings@us.af.mil.

WARREN D. BER

Major General, USAF Deputy Commander

# NBIB Addressing the Backlog

- Current State:
  - 694,000 cases in queue
  - 224,000 are T3, 180,000 are T5
  - 70,000 are industry
  - Receive 50,000 cases a week and close 53,000 cases a week = 4.13 years to work the backlog at this rate
- Industry met with NBIB to suggest several ideas to include:
  - Allowing industry to provide pieces of their employment background checks
  - Allowing industry to decide which of their cases should be priority
  - Better communication with the FSOs when cases stall
  - Allowing industry access to eQIP by design so we can upload investigative information ourselves
  - Offering space to NBIB in highly populated areas so investigators can interview large populations at once

# NDAA 2018, Section 938: Splitting the Baby

(Passed House and Senate: Resolving Differences before going to President)

- ...the Secretary shall, in consultation with the Director of the Office of Personnel Management, provide for a phased transition from the conduct of such investigations by the National Background Investigations Bureau (NBIB) of the Office of Personnel Management to the conduct of such investigations by the Defense Security Service...not later than October 1, 2020...
- This will include DSS taking over:
  - All DOD clearance and suitability investigations (in addition to the current Continuous Evaluation mission for the DOD)
  - The DOD CAF
  - The Personnel Security Assurance Division of DMDC (JPAS/DISS)
- Year 1: ~100,000 T3Rs
- Year 2: T3s
- Year 3: T5s and T5Rs

# S. 1761: Intelligence Authorization Act of 2018 (Introduced)

Not later than 180 days after the date of the enactment of this Act, the Director of National Intelligence...shall submit to the congressional intelligence committees a report that includes the following:

- An assessment of whether [the SF86] should be revised to account for the prospect of a holder of
  a security clearance becoming an insider threat.
- Recommendations to improve the background investigation process.
- A review of whether the schedule for processing security clearances included in section 3001 of the Intelligence Reform and Terrorism Prevention Act of 2004 should be modified.
- Evaluation of Splitting the Background Investigation Function
- A policy and implementation plan for agencies and departments of the United States
   Government, as a part of the security clearance process, to accept automated records checks
- A policy and implementation plan for sharing information between and among agencies or departments of the United States and private entities that is relevant to decisions about granting or renewing security clearances.

# HR 3210: SECRET Act of 2017

(Passed House)

- Securely Expediting Clearances Through Reporting Transparency Act of 2017
  - Requires NBIB to report on the backlog of security clearance investigations.
  - The NBIB must report on the process for conducting and adjudicating security clearance investigations for personnel in the Executive Office of the President.
  - The NBIB must report on the duplicative costs of implementing a plan for the Defense Security Service to conduct, after October 1, 2017, security investigations for Department of Defense (DOD) personnel whose investigations are adjudicated by DOD's Consolidated Adjudication Facility.

# Fee for Service Study: June through Sept 2017

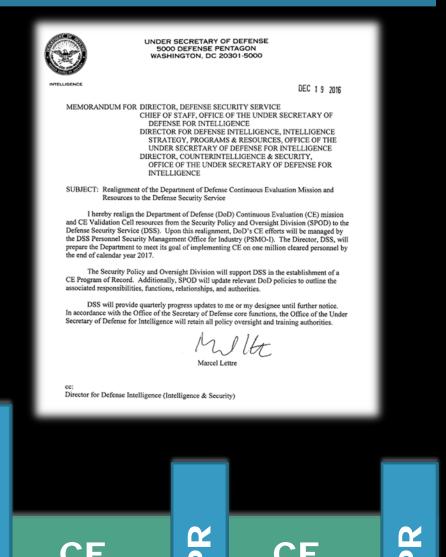
- The Study will:
  - Examine the feasibility of charging cleared contractors a fee-for-service, creating a working capital fund or using an industrial funding fee (IFF) from DoD acquisitions to DSS to fund contractor personnel security clearance investigations. It will include analysis of the impact on overall contract costs
  - Take into account prior personnel security clearance investigation cost studies from the past 20 years.

 29 small, medium and large cleared companies to be interviewed as part of the Study. NISPPAC industry representatives have submitted a white paper with our

position.

# Continuous Evaluation

- Continuous Evaluation program was initiated in 2014.
- Pilots underway for both Government and Industry: 1,100,000 CE cases tested by end of 2017. 300,000 will be industry. 8% of cases are triggering an alert. Alerts are scored as Low-Med-High. Low get adjudicated right away, Med have an adverse submitted, and High will necessitate an immediate call to the FSO.
- By September 30, 2017 each Executive Branch Agency must have enrolled at least 5% of Tier 5 clearances in CE.
- There is a possibility that CE will eventually replace the need for PRs. If approved, a full PR investigation would only take place if a CE check warranted the need.
- OUSD(I) Memo dated 12/19/2016: DSS will be responsible for the CE mission.
- NBIB Memo dated 2/3/2017: Offering agencies a CE SAC (Continuous Evaluation Special Agreement Check) for \$45.
   Agencies will be responsible for adjudication.



TIAL

## Security Executive Agent Directives (SEADs)

- SEAD 1: SECEA Authorities and Responsibilities
  - Effective March 13, 2012.
  - Establishes the DNI as the Security Executive Agent for all policies concerning investigations, adjudications and ability to maintain eligibility.
- SEAD 2: Use of Polygraphs
  - Effective September 14, 2014.
  - Outlines procedures surrounding usage of polygraphs.
- SEAD 5: Social Media usage in Investigations and Adjudications
  - Effective May 12, 2016.
  - Allows agencies to use PUBLICALLY AVAILABLE information from social media to include in investigations and adjudications.
- SEAD 6: Continuous Evaluation (IN DRAFT)
- SEAD 7: Reciprocity (IN DRAFT)

# SEAD 3: Minimum Reporting Requirements

- Signed December 14, 2016 Implementation June 12, 2017.
- All covered persons are to report "CI Concerns" on any other covered person. Previously was limited to only those within an organization. Change raises possible legal and other concerns.
- "Failure to comply with reporting requirements...may result in administrative action that includes, but is not limited to revocation of national security eligibility."
- Pre-approval for foreign travel will be required for collateral clearance holders once it is incorporated into the new NISPOM.
   This will impose a new and large burden on industry and CSAs to handle the influx of reports that this will now generate.
- DNI SEAD 3 TOOLKIT is online.
- Collateral under the NISP will not have to comply until incorporated into NISPOM Conforming Change 3.
- Other CSAs will issue their own implementation guidance.

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#### SECURITY EXECUTIVE AGENT DIRECTIVE 3

REPORTING REQUIREMENTS FOR PERSONNEL WITH ACCESS TO CLASSIFIED INFORMATION OR WHO HOLD A SENSITIVE POSITION

(Effective: 12 June 2017)

- A. AUTHORITY: The National Security Act of 1947, as amended; Intelligence Reform and Terrorism Prevention Act of 2004, as amended; Executive Order (EO) 10450, Security Requirements for Government Employment, as amended; EO 12968, Access to Classified Information, as amended; EO 13467, Reforming Processes Related to Suitability for Government Employment, Fitness for Contractor Employees, and Eligibility for Access to Classified National Security Information; EO 13549, Classified National Security Information Program for State, Local, Tribal and Private Sector Entities; Presidential Decision Directive/NSC-12, Security Awareness and Reporting of Foreign Contacts; Performance Accountability Council memorandum, Assignment of Functions Relating to Coverage of Contractor Employee Fitness in the Federal Investigative Standards, 6 December 2012; and other applicable provisions of law.
- B. PURPOSE: This Security Executive Agent (SecEA) Directive establishes reporting requirements for all covered individuals who have access to classified information or hold a sensitive position. Nothing in this Directive should be construed to limit the authority of agency heads to impose additional reporting requirements in accordance with their respective authorities under law or regulation.
- C. APPLICABILITY: This Directive applies to any executive branch agency or covered individual as defined below.
- **D. DEFINITIONS:** As used in this Directive, the following terms have the meanings set forth below:
- "Agency": Any "Executive agency" as defined in Section 105 of Title 5, United States
  Code (U.S.C.), including the "military department," as defined in Section 102 of Title 5, U.S.C.,
  and any other entity within the Executive Branch that comes into possession of classified
  information or has positions designated as sensitive.
- "Classified national security information" or "classified information": Information that has been determined pursuant to EO 13526 or any predecessor or successor order, or the Atomic Energy Act of 1954, as amended, to require protection against unauthorized disclosure.
- "Cohabitant": A person with whom the covered individual resides and shares bonds of
  affection, obligation, or other commitment, as opposed to a person with whom the covered
  individual resides for reasons of convenience (e.g. a roommate).
- 4. "Controlled Substance": Any controlled substance as defined in 21 U.S.C. 802.
- 5. "Covered Individual"

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## SEAD 4: Adjudicative Guidelines

- Signed December 10, 2016 Implementation June 8, 2017
- Same 13 Guidelines as before. Requires all adjudicative agencies to use ONE STANDARD.
- Incorporates the Bond Amendment which states:
  - You are prohibited from a clearance if you are actively using illegal drugs or are addicted to drugs.
  - You cannot obtain an SCI, SAP or access to RD if you have been convicted of a crime in the US and have served in prison longer than a year, are mentally incompetent or received a dishonorable discharge.
- Passports will no longer need to be relinquished/destroyed for cases adjudicated after June 8<sup>th</sup>, but instead reports will need to be submitted when foreign travel occurs on the passport.
- Need guidance from DSS on this issue.

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#### SECURITY EXECUTIVE AGENT DIRECTIVE 4

NATIONAL SECURITY ADJUDICATIVE GUIDELINES

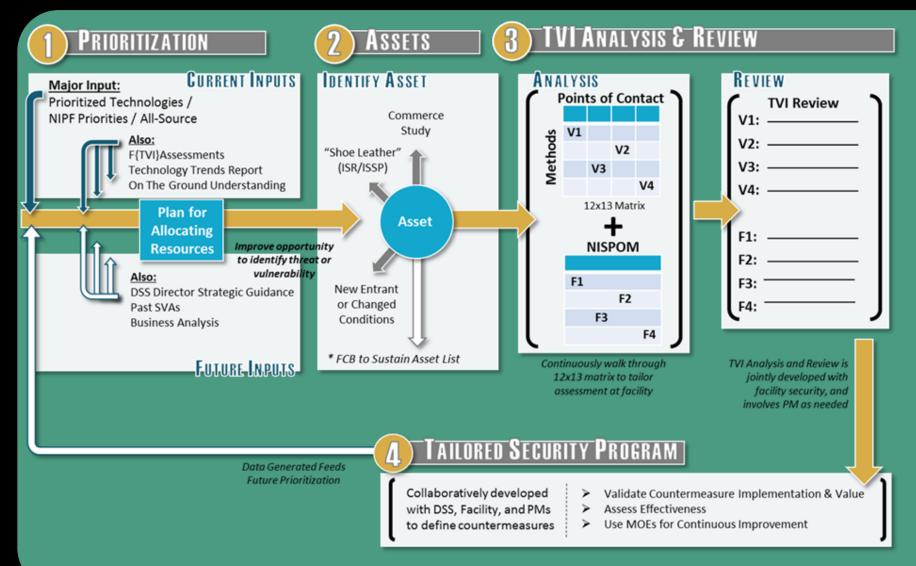
(EFFECTIVE: 08 JUNE 2017)

- A. AUTHORITY: The National Security Act of 1947, as amended; Intelligence Reform and Terrorism Prevention Act of 2004 (IRTPA), as amended; Executive Order (EO) 10450, Security Requirements for Government Employment, as amended; EO 12968, Access to Classified Information, as amended; EO 13467, Reforming Processes Related to Suitability for Government Employment, Fitness for Contractor Employees, and Eligibility for Access to Classified National Security Information; EO 13549, Classified National Security Information Program for State, Local, Tribal and Private Sector Entities; Performance Accountability Council memorandum, Assignment of Functions Relating to Coverage of Contractor Employee Fitness in the Federal Investigative Standards, 6 December 2012; and other applicable provisions of law.
- B. PURPOSE: This Security Executive Agent (SecEA) Directive establishes the single, common adjudicative criteria for all covered individuals who require initial or continued eligibility for access to classified information or eligibility to hold a sensitive position. The Guidelines reflected herein supersede all previously issued national security adjudicative criteria or guidelines.
- C. APPLICABILITY: This Directive applies to any executive branch agency authorized or designated to conduct adjudications of covered individuals to determine eligibility for initial or continued access to classified national security information or eligibility to hold a sensitive position.
- D. DEFINITIONS: As used in this Directive, the following terms have the meanings set forth below:
- "Agency": Any "Executive agency" as defined in Section 105 of Title 5, United States
  Code (USC), including the "military departments," as defined in Section 102 of Title 5, USC and
  any other entity within the Executive Branch that comes into possession of classified information
  or has positions designated as sensitive.
- "Authorized adjudicative agency": An agency authorized by law, executive order, or designation by the SecEA to determine eligibility for access to classified information in accordance with EO 12968, as amended, or eligibility to hold a sensitive position.
- "Authorized investigative agency": An agency authorized by law, executive order, or designation by the SecEA to conduct a background investigation of individuals who are proposed for access to classified information or eligibility to hold a sensitive position or to

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## DiT: DSS in Transition



## DiT as of September 2017



#### Security Baseline

- •Looks to Industry to identify assets
- •Includes security controls currently implemented by Industry
- Provides for DSS review and establishes foundation for Tailored Security Program



#### Security Review

- •Focuses on protection of assets identified in the Security Baseline
- •Assesses facility security posture, considers threats, and identifies vulnerabilities
- •Results in Summary Report and POA&M to develop the Tailored Security Program



#### Tailored Security Program (TSP)

- •Builds on Security Baseline, Summary Report, POA&M, and recommendations developed during TSP
- Documents effectiveness of security controls
- Applies countermeasures to TSP based on threat



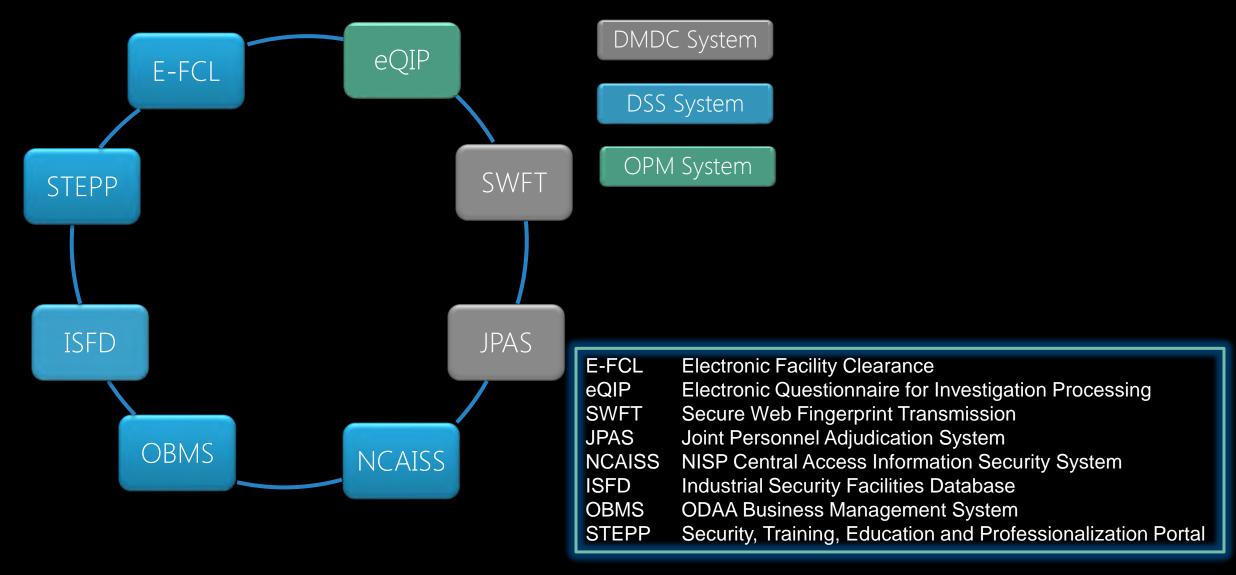
#### **Continuous Monitoring**

- •Establishes recurring reviews of TSPs by DSS and Industry
- •Provides recommendations from DSS based on changing threat environment
- •Ensures security controls documented in TSP are still effective

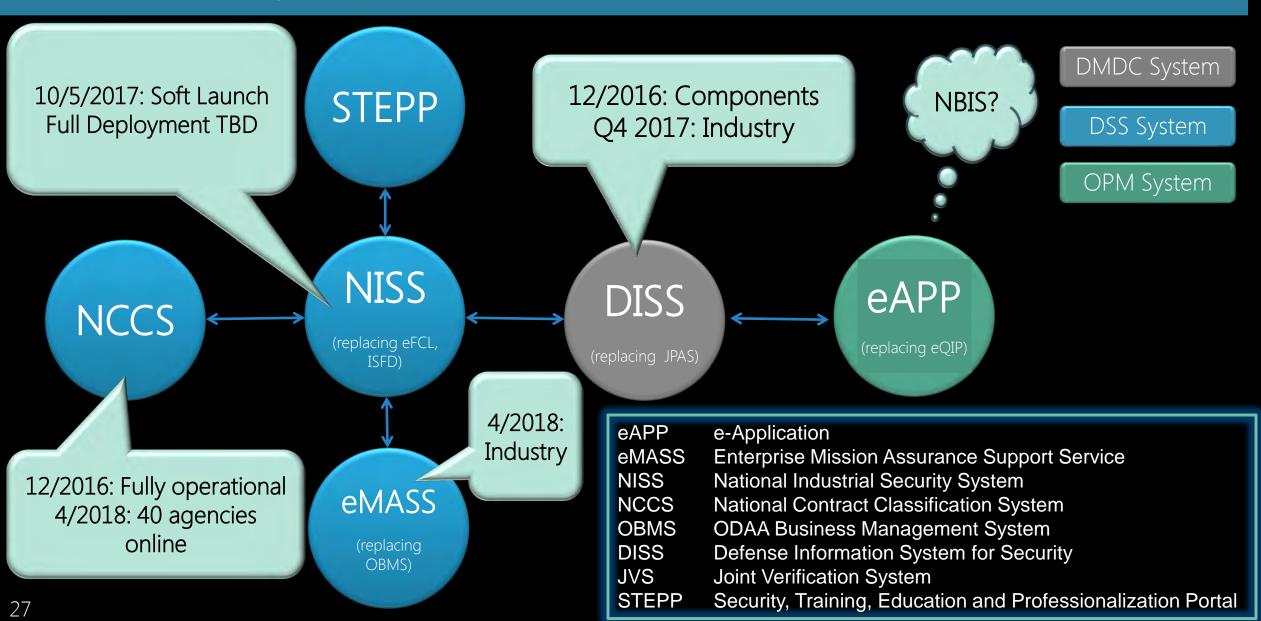
Will TSP = Compliance?

Who approves?

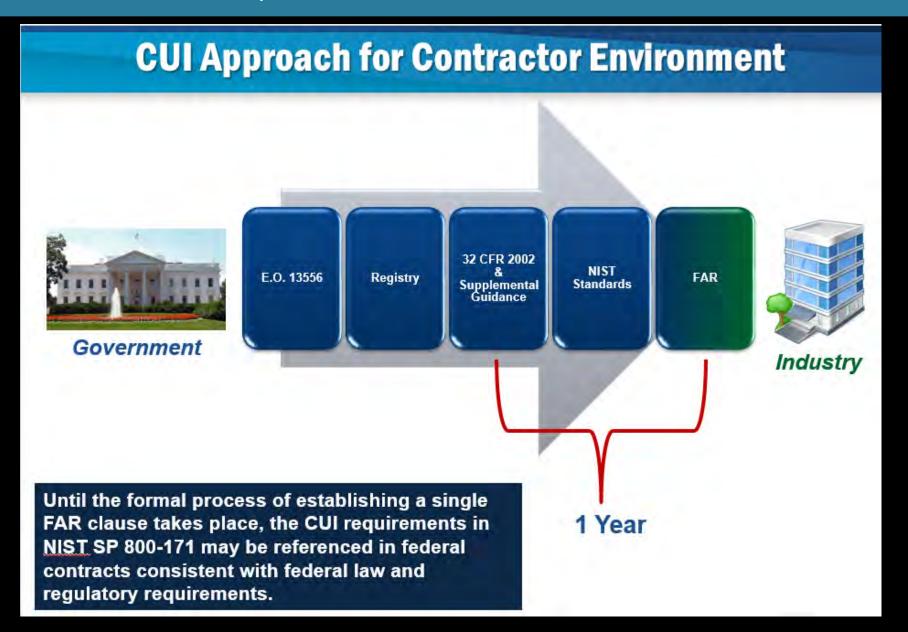
# DSS System Updates: CURRENT STATE



# DSS System Updates: FUTURE STATE



# CUI Phased Implementation



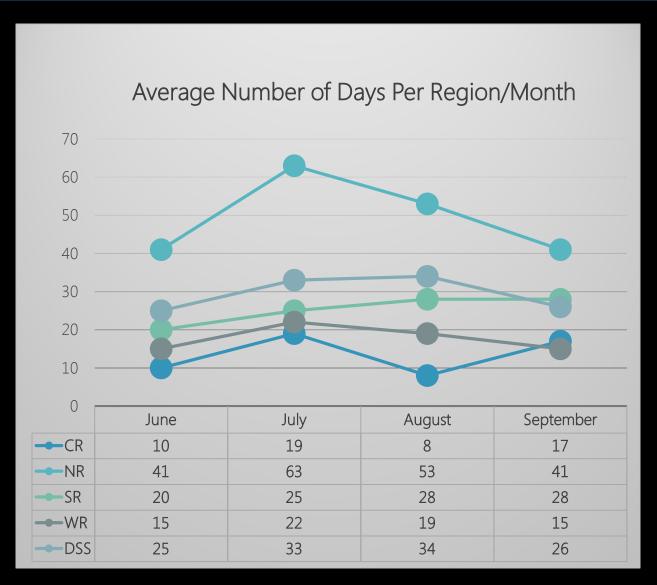
## DHS Proposes New CUI Rule

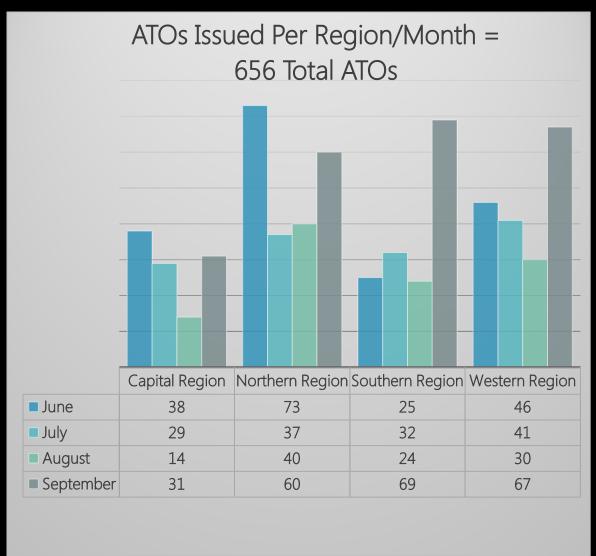
- On January 19, 2017, DHS proposed the <u>Homeland Security Acquisition</u> <u>Regulation (HSAR)</u>; Safeguarding of Controlled Unclassified Information. Comments were due April 19, 2017.
- Contains 8 current CUI categories and adds 4 that are NOT listed in the NARA Registry:
  - Homeland Security Agreement Information
  - Homeland Security Enforcement Information
  - Operations Security Information
  - Personnel Security Information
- Does not explain HOW to protect this information and does not utilize NIST 800-171 which could require contractors to protect according to an entirely new set of standards.
- More here: <a href="https://www.linkedin.com/pulse/new-proposed-dhs-rule-safeguarding-controlled-critical-robert-metzger?trk=mp-author-card">https://www.linkedin.com/pulse/new-proposed-dhs-rule-safeguarding-controlled-critical-robert-metzger?trk=mp-author-card</a>

# Risk Management Framework (RMF)

- Implemented by NAO (NISP Authorization Office) formerly ODAA
- Phase 1 (Standalones) started October 2016
- Phase 2 expected to start January 1, 2018 for all other systems
- DAAPM Update, Version 1.2 released on October 31, 2017
- Moving from OBMS to eMASS by Mid-2018
- 25% of Small Businesses are opting out of systems altogether.

# RMF Timelines & ATOs June-September 2017





## Small Business in Crisis?

- How will this affect our supply chain?
- What will happen when DiT, CUI, & NIST 800-171 takes hold?
- We need better policies for consultants/security services companies to support these small companies.
- NISPPAC partnering with Security Consultant Industry Subcommittee of NCMS.



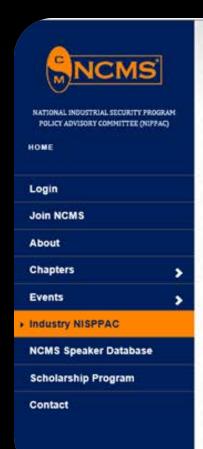
# Industrial Security Timeline of Major Events



# Industrial Security Timeline of Major Events



## Contact Us! https://classmgmt.com/nisppac.php



#### NATIONAL INDUSTRIAL SECURITY PROGRAM POLICY ADVISORY COMMITTEE (NISPPAC)

Industry Representatives' Informational Site

About NISPPAC Industry MOU Working News & Policy Official Members Group Groups Resources Timeline Website

In April 1990, President George Bush directed the National Security Council to explore the creation of a single, integrated industrial security program that might result in cost savings and improved security protection.

Recommendations from representatives from government and industry were invited to participate in an initiative intended to create an integrated security framework. This initiative led to the creation of Executive Order (EO) 12829, which established the National Industrial Security Program (NISP), a single, integrated, cohesive security program to protect classified information and to preserve our Nation's economic and technological interests.

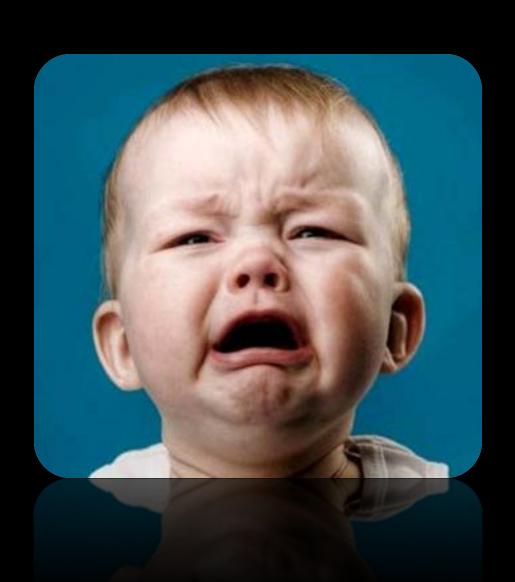
EO 12829 also established the National Industrial Security Program Policy Advisory Committee (NISPPAC). The NISPPAC is chaired by the Director of the Information Security Oversight Office (ISOO), who has the authority to appoint sixteen representatives from Executive Branch agencies and eight non-governmental members. The eight non-governmental members represent the approximately 13,000 cleared defense contractor organizations and serve four year terms.

This website serves as a way for industry to gain a better understanding of the non-governmental members involvement in order to help the community stay abreast of the ever-changing security posture.

To watch a short video on the history of the NISP, click here

Charter 2 | Bylaws 2 | Upcoming Public NISPPAC meeting

# Questions?



Defense Security Service 2017 Joint Annual NDIA/AIA Conference November 14, 2017 Dan Payne



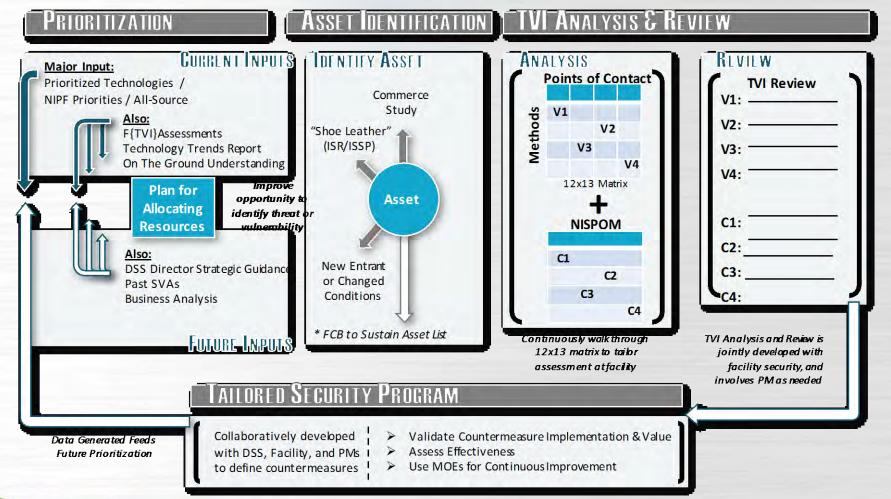








#### **DSS** in Transition







## **DSS in Transition**

#### DSS and Industry will partner to:

- Identify assets and security controls
- Develop and monitor TSPs
- Design and develop a future measurement system







## Questions?



















## <u>Department of Defense</u> <u>Consolidated Adjudications Facility</u>





National Defense Industrial (NDIA) and Aerospace Industries Association (AIA) Edward Fish, Director 13-15 November, 2017





### **AGENDA**

- Mission
- CAF Transformation
- Industry Workload & IRTPA
- Initiatives
- Questions







## **MISSION**



### **DOD CAF MISSION**



• Mission: To determine security clearance eligibility of non-Intelligence Agency DoD personnel occupying sensitive positions and/or requiring access to classified material including Sensitive Compartmented Information (SCI). These determinations involve all military service members, applicants, civilian employees, and consultants affiliated with the Department of Defense, to include DoD personnel at the White House and contractor personnel under the National Industrial Security Program (NISP). The DoD CAF also adjudicates security clearance eligibility for staff of the United States Senate and House of Representatives, the Congressional Budget Office, the United States Capitol Police and staff of the Supreme Court of the United States. Additionally, the DoD CAF renders favorable adjudicative determinations for employment suitability of DoD civilian employees and Common Access Card (CAC) or Fitness eligibility of non-cleared DoD contractors.

#### DoD CAF Lines of Business:

- Execute Adjudicative Determinations
- Conduct Operational Support
- Mission Support

#### **Customers**

- ~ 96% of DoD
- ~ 84% of cleared personnel in the Federal government
- ~ 34% of Suitability/HSPD-12 Federal government wide determinations executed by the DoD CAF
- Average annual PSI caseload of ~750K
- 1.14M personnel security actions in 2017
- Supporting Worldwide:
  - ~ 43,000 Security Officers
  - ~ 3.52M Affiliated Personnel





## **TRANSFORMATION**

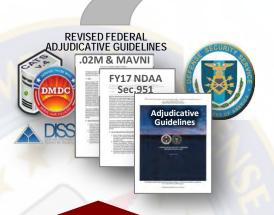




#### **DOD CAF – THE FUTURE**

Improved Tools, Changing Requirements & Mission Expansion





REVISED QUALITY TOOLS & FOC OF INVESTIGATIVE PRODUCT



MORE FREQUENT VETTING & IMPROVED AUTOMATED CHECKS



NBIS IT FOC: IMPROVED AUTOMATION TOOLS



**FY17** 

**DoD CAF** 



**FY18** 

**FY19** 



**FY20** 

**DoD CAF** 

October 1, 2016

Adj of Presidential transition cases Adi of select SCOTUS cases

OPR: P&P

October 1, 2017

CE @ 1M+ Adj of SF86 + Childcare cases Reorg, DISS deployment & Backlog Mitigation Backlog Mitigation efforts

October 1, 2018 Utilize ARC results in lieu of **NBIB** product

October 1, 2019 **CAF integration & utilization** of NBIS IT systems and efficiencies **Backlog Mitigation efforts** 

**CE @ 500K** 

As of: 31 Oct 17

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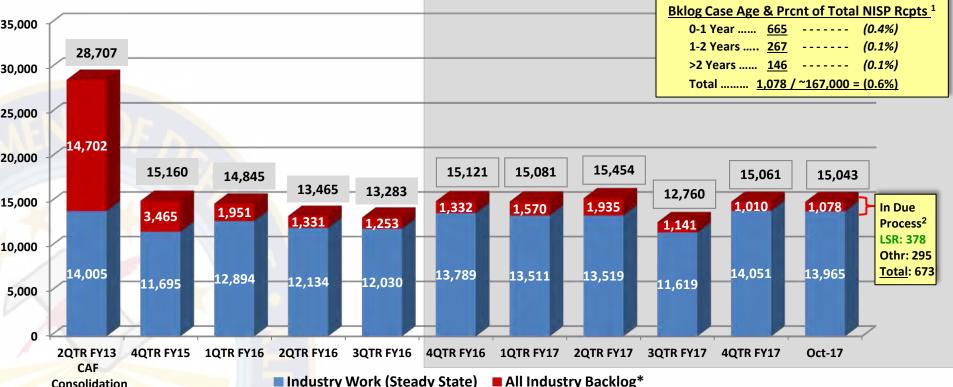


# INDUSTRY WORKLOAD & TIMELINESS



### **INDUSTRIAL CASES PENDING ADJUDICATION**





- Backlog was reduced 352 (-25%) since the May 17 NDIA/AIA Meeting
- LSR Due Process cases remain steady at ~418 avg. since May 17
- With planned DISS deployment, the DoD CAF expects an increase in NISP backlog for two or three months until normal OPS is achieved

Month	NISP Backlog	FY 17 NISP Receipt*	Backlog % of Total NISP
October 13	13,515		7.5%
October 17	1,078		0.6%
	-12,437	~ 167,000	

NOTE: Re-baselined starting Q4 FY16; Now includes <u>all</u> NISP cases to include 4<sup>th</sup> Estate TS/SCI <sup>1</sup>Age based on date case received at the DoD CAF; data as of 24 Oct 17
<sup>2</sup> Data as of 24 Oct 17

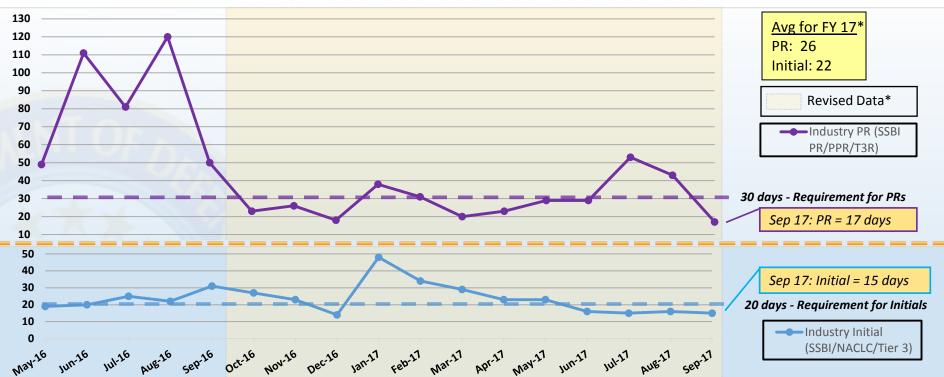
<sup>\*</sup> Includes Personal Security Investigations, Incident Reports, Reconsiderations, etc. (does not include SACs)



#### **INDUSTRY**

#### **Intelligence Reform and Terrorism Prevention Act Performance**

(Based on OPM Reporting from May 16 – Sep 17)



- Delays in ingest due to IT challenges caused timelines to increase (Jan 17)
- Balance in adjudicating aged and new cases should help steady timelines (Jul 17)
- Expect timelines to remain steady for the first half of FY18; likely to increase after
   DISS deployment with steady state thereafter

<sup>\*</sup> Separated non-DoD CAF cases and data applicable to other elements of the DoD (e.g. DIA, NSA, & NGA)





## TRANSFORMATION INITIATIVES



## TRANSFORMATION INITIATIVES - ON GOING



- 1) Develop, Test, and Deploy DISS (aka CATs v4) ICW DISS PM
- Normalize DOD-wide processes (e.g., Security Officers, Adjudicators) upon single DISS Security Manager and Facility Security Officer portals FY17/19
- 3) Sustainment & Expansion of Automatic Technology/eAdjudication (i.e., Tier 3 & 1) FY17 & Beyond
- 4) Continue to implement, expand and improve Continuous Evaluation initiative FY17/18 & Beyond



#### **KEY TAKEAWAYS**



- CAF, in conjunction with USDI, continues to focus on being properly postured for any/all future workload surges
- Industry portfolio currently approaching relative steady state
- DISS Deployment will have impacts
- Look forward to normalizing procedures in post-DISS deployment era



## <u>Department of Defense</u> <u>Consolidated Adjudications Facility</u>









## **BACKUP**

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## 31 CUSTOMERS WITHIN THE NISP

- Department of Homeland Security
- Department of State
- Department of Justice
- Nuclear Regulatory Commission
- National Aeronautics and Space
   Administration
- Department of the Treasury
- Department of Agriculture
- Department of Commerce
- Department of Education
- Department of Health and Human Services
- Department of the Interior
- Department of Labor
- Department of Transportation
- Millennium Challenge Corporation
- Executive Office of the President
- United States Postal Service

- Environmental Protection Agency
- Federal Communications Commission
- Federal Reserve System
- General Services Administration
- Government Accountability Office
- Housing and Urban Development
- National Archives and Records Administration
- National Science Foundation
- Office of Personnel Management
- Small Business Administration
- United States Agency for International Development
- United States International Trade Commission
- United States Trade Representative
- Overseas Private Investment Corporation
- Social Security Administration

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# NBIS eApp November 15, 2017

### Agenda



- I. eApp
- II. Functionality
  - I. Validations
  - II. User Interface
  - III. Form Flow
  - IV. Conversational Style
- III. Demo
- IV. Questions

### eApp Functionality



- eApp is the replacement of the Sf-86 portion of eQIP. It is the first iteration in the process to replace eQIP. The other forms (SF-85, SF-85p, etc.) will be replaced as well as the Agency portion of eQIP.
- Functionality improvements
  - Increased Validations
    - Addresses
    - In-Laws
    - Etc.
  - Improved Help
  - Improved Save
  - Improved Feedback
  - Support for Mobile
- Form Flow
  - Sections have been reordered to provide a better flow for applicants
- Conversation style
  - Applications walks applicants through the form
  - Information requested is now in smaller chunks

### eApp Demo



• Demo of some of the improvements



# QUESTIONS



### **DSS in Transition – RMS Pilot**



### Raytheon Company Global Security Services

Greg Garcia November 15, 2017

### Agenda

- DSS in Transition
- Evolving with the Threat
- Time to Evolve the Security Program
- Tailored Security Program Framework
- Identifying Critical Technologies
  - Technology Lifecycle Maps

- Critical Asset Identification
- Tailored Security Plan
- DSS SVA Risk Based Pilot
  - Lessons Learned
- Going Forward
- Conclusion



## Thank you

Raytheon Senior Leadership and DSS Western Region team for affording Raytheon the opportunity to collaborate in this new initiative.





### **DSS in Transition (DiT)**

- DSS announced "DSS in Transition (DiT)" November 2016
- Raytheon Company (RMS) is aligned with this new vision and requested to partner with DSS in developing this approach
- Partnership began January 2017 with intent to pilot "Risk Based" assessment approach during September 2017 Security Vulnerability Assessment
- RMS felt strongly this new approach will put the right focus where it matters most



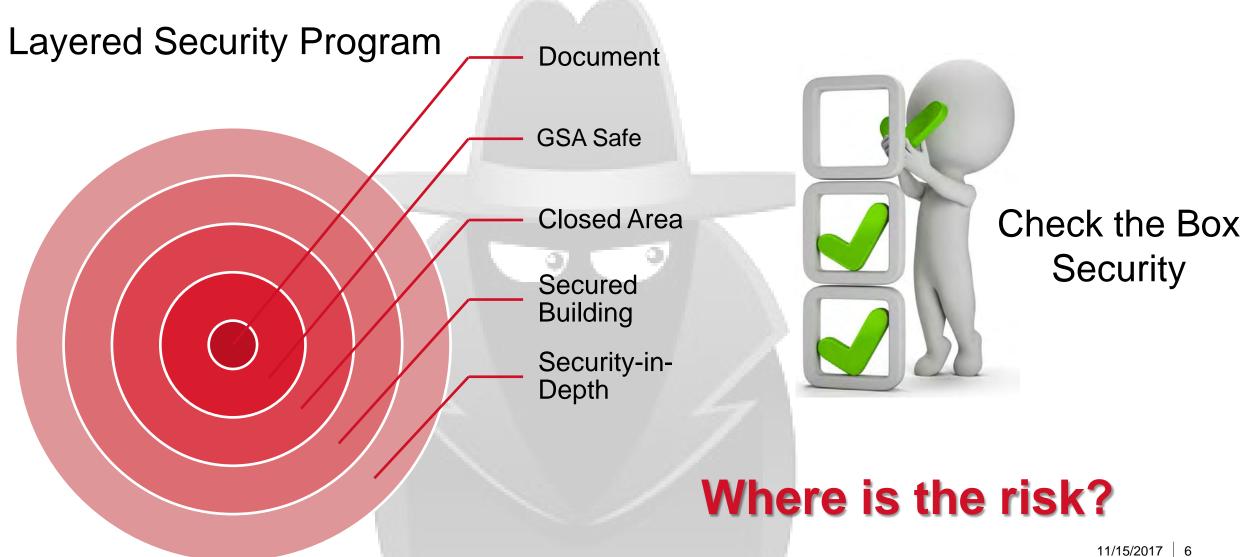


## **Evolving with the Threat**

- The United States is now facing the most significant foreign intelligence threat it has ever encountered.
- Adversaries are successfully attacking cleared industry at an unprecedented rate.
- They are using multiple avenues of attack, varying their methods, and adjusting their priorities based on the targeted information they need.
- As a result, they are upgrading their military capabilities and competing against our economy using the very same information they stole from cleared industry.



## Time to Evolve the Security Program





### **Tailored Security Program Framework**

- Six Sigma Project Started in January 2017
- Necessary Stakeholders
  - Leadership
  - Functional Organizations
  - Supplier Base
  - **Employees**
  - Defense Security Service
  - Customer

- Asset Identification
  - Critical Technologies
  - Subject Matter Experts
  - Programs
  - Suppliers
  - Infrastructure
  - Processes





### **Identifying Critical Technologies**

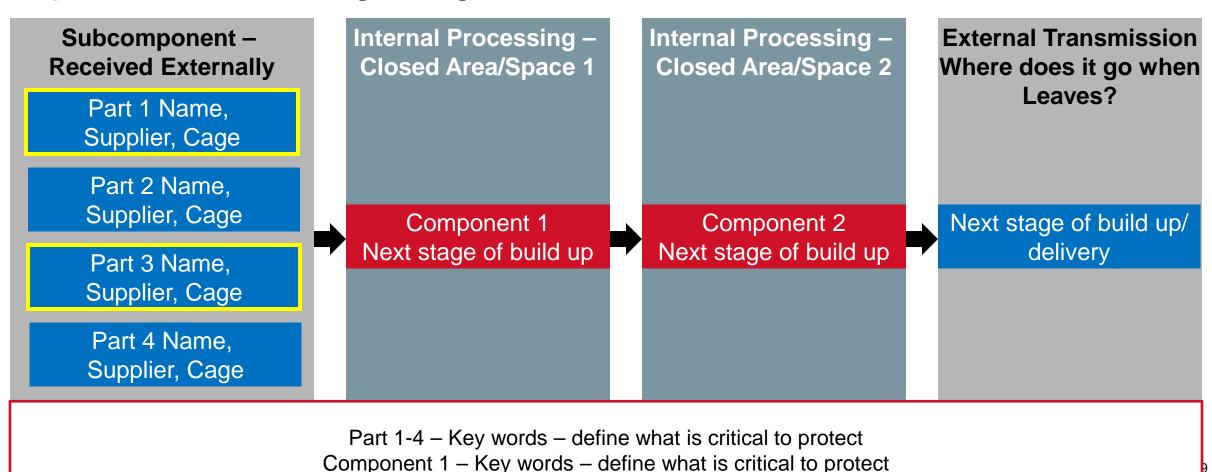
- Department of Commerce Survey
- Senior Leadership Engineering
  - Engineering knows what is a critical asset to national security
- Created Critical Technologies List
- Built Technology Lifecycle Maps
- Identified suppliers associated with critical technologies
- Critical Program Information Identified by Customer

		CRITICAL TECH	NOLOGIES LIST		
Critical Technology	Industrial Base Category	Technology List Subcategory	Program(s)	Subcontractors	Key Words



### **Technology Lifecycle Maps**

 Technology Maps created to determine full lifecycle to ensure protection from beginning to end.



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### **Critical Assets Identification**

#### **Programs**

- Programs that are critical to national defense
- Horizontal protection
  - Critical component on one program used on others – must be protected in all areas used

#### Infrastructure

- Cost/Time to replace
- Inability to replace impacts national security
- Time to replace creates a vulnerability to national security
  - Building loss/compromise would stop production leaving a vulnerability to a defense system/customer.



### Critical Assets Identification (cont.)

#### Suppliers

- Critical Suppliers identified by critical components and programs
- Sole source Only source for product
- Single source Only source approved by customers
- New source 3 months 5+ years & significant financial investment



#### Personnel

- Critical skill sets
- Succession planning/replicability
- What happens when they leave?

#### Processes

- The "how to" or "secret sauce" to why something is critical
- Something unique through a process that impacts effectiveness

### **Tailored Security Plan**

- Concept of Operations
- Family of Controls
- Risk Register
- Technology Mapping
- Metrics / Dashboard
- Risk Based Employee Questionnaire
- DSS Provided Threat Data





### DSS SVA Risk Based Pilot – Lessons Learned

- The DSS Security Vulnerability Assessment (SVA) introduced a riskbased overlay to the traditional assessment focusing on critical assets
- Week prior to the SVA they reviewed traditional elements
  - i.e. Training/Education, Self-Inspection results/mitigation strategies, document control.
- DSS focused on critical assets and followed technology lifecycle maps
- DSS looked at all findings/observations and asked "What is the risk?"
- Training is needed on both sides to implement this new model
- Critical to evaluate current and new programs for changing critical technology
- Currently no oversight for uncleared suppliers providing critical components



### **Going forward**

- Ongoing collaboration with DSS and customers
- Recurring DSS in Transition Working Group meetings
- Enhance risk register and technology mapping capabilities
- Develop predictive analysis dashboard
- Establish supplier oversight
  - Security Manager assigned to Supply Chain
  - Develop supplier assessment model
  - Provide oversight to uncleared suppliers
- Change Management
  - Leadership engagement
  - Employee culture
  - Risk based vs. "check the box"



### Conclusion

- Leadership "buy in" key
- Resources targeted at what is critical vs. everything
- Cost effective security process/programs
- Builds customer confidence
  - Ensures we are delivering products that are not compromised
  - Protecting the warfighter
- Protects the company and brand





### **Contact Information**

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