NAVWAR COMMAND INFORMATION OFFICE

Command Information Office
Overview, Priorities & Challenges

27 October 2021

Presented To:

National Defense Industrial Association (NDIA)

Ms. Tonya Nishio
Command Information Officer
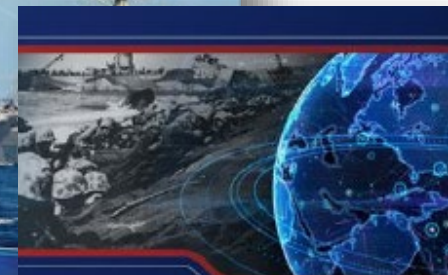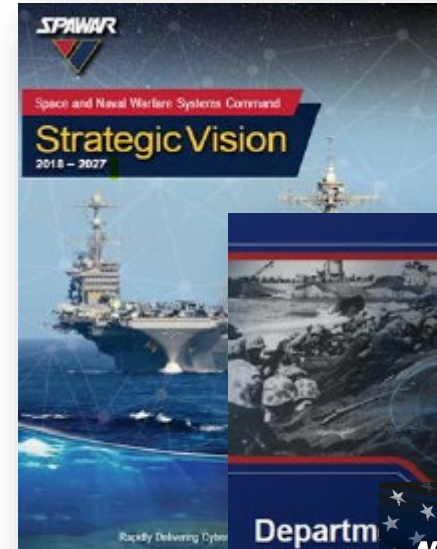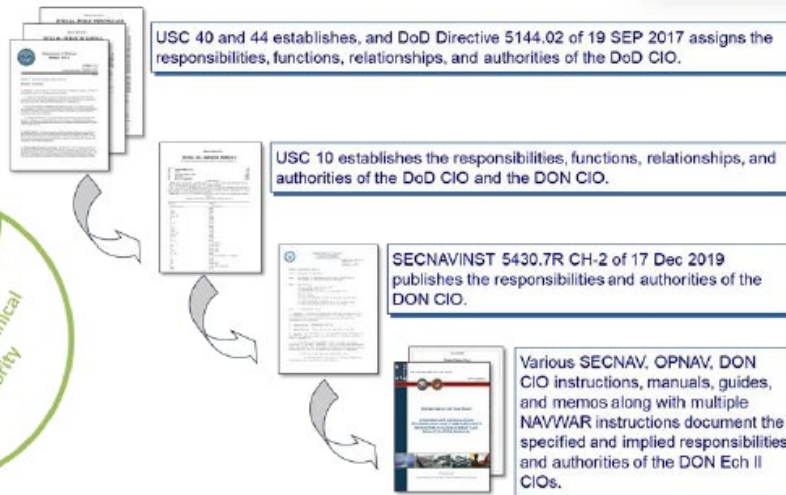Naval Information Warfare Systems Command

NAVWAR Command Information Office

▼What we do

▼What we've accomplished

▼What we're planning for the future

  –Priorities & Challenges

NAVWAR Information Superiority Strategy

▼ **CIO Mission:** *"Acquire and deliver effective, secure, reliable Information Technology resources and capabilities to NAVWAR"*

USC 40 and 44 establishes, and DoD Directive 5144.02 of 19 SEP 2017 assigns the responsibilities, functions, relationships, and authorities of the DoD CIO.

USC 10 establishes the responsibilities, functions, relationships, and authorities of the DoD CIO and the DON CIO.

SECNAVINST 5430.7R CH-2 of 17 Dec 2019 publishes the responsibilities and authorities of the DON CIO.

Various SECNAV, OPNAV, DON CIO instructions, manuals, guides, and memos along with multiple NAVWAR instructions document the specified and implied responsibilities and authorities of the DON Ech II CIOs.

IT Portfolio Management

IT Compliance

Clinger Cohen Act

DITPR-DON/ DADMS

IT Budget

IT Procurement

Enterprise Licensing Agreements

ITPR

Process Improvement

Cloud PfM

IT Capabilities & Services Mgmt.

IT Operations

IT Infrastructure

Command NMCI CTR

SIPR Tokens & Café

Mobile Devices & MFDs

Unified Capabilities

Guest Wireless

ACE – Cameras & Access Control

VOIP & Telephony

OTCE – Alarms, AIN, VTC, & Digital Signage

Command Information Security

CISO

Cmd. ISSM/ISSO

Cybersecurity Compliance

Business Continuity Mgmt.

CPRC

Incident Response

Defensive Cyber Operations

RMF

HRE

FAO / PSO

CSWF

Data & Digital Innovation

Information Superiority Governance

DFT Mgmt.

RPA

Knowledge Mgmt.

Command Data Director

Command ERP Business Office

Digital Workforce Development & Comms.

Digital Workforce Development

IT/CS Acq. Nat'l Co-Lead

Corporate Admin

Records Management

Section 508

IT Communications

NAVWAR

FY2o21 SUCCESSES

Command Information Office

Information Superiority Strategy Addendum

Despite the COVID-19 pandemic, the OCIO held steadfast to our North Star vision:
Protect and arm the NAVWARRIOR with Information Superiority

Ms. Tonya Nishio
Command Information Officer

Information Superiority

82%
License Cost Reduction

Udemy

18X
More Learners

$1.6M
Cost Avoidance

ONE NAVWAR ISGB LAUNCHED

Manages End-to End Acquisition Business Processes

AMS

Yello

Streamlined Hiring Process
Automated Platform for Candidate Sourcing

Risk Management Framework

Since Oct 2020 NAVWAR RMF Package Submitting Office metrics-driven processes have contributed to dramatic improvements

56%
Reduction of Systems in High Risk Escalation

77%
Reduction in Expired Authorizations (ATO)
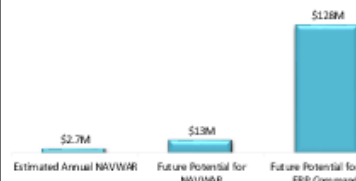
ITPR Reform

90-DAY PILOT underway to investigate **ITPR elimination** for the Navy
✓ **Eradicated ITPR** requirements for NAVWAR

10 Day
Reduction in Procurement Cycle Time

ITPR Reform Cost Avoidance

$128M

$2.7M — Estimated Annual NAVWAR
$13M — Future Potential for NAVWAR
$128M — Future Potential for all N-ERP Commands

Navy Collaboration

✓ Led a **Navy-wide KM & Collaboration Tool Assessment** for DON CIO
✓ resulting in a Navy Enterprise Strategy.

Assessment Included **divesture barriers and timelines for 24 collaboration systems.**

NAVWAR Champion and Early Adopter
of Operation Flank Speed

IT Capabilities & Services

~1500%
OTC Bandwidth Increase

65
Upgraded Uninterrupted Power Systems

Cross-Competency Architecture Team focused on OTC **End Users**

Quarterly Town Halls

1000+ Attendees

NAVWAR-Wide

CEBO

✓ 4 capital assets, $2M/ea. transferred from NAVWAR to NAVSEA in N-ERP = **1st EVER cross-command transfer**

206 Cyber Event Reports **CLOSED**
51 FLTCYBERCOM & DCNO Cyber Tasks **COORDINATED**
16 Problem Investigations **CLOSED**
4 Cyber Table Top Exercises **COMPLETED**

Cyber Planning and Response Center

ONE NAVWAR SharePoint Online

Divested From
6
Collaboration Tools

Transitioned
4K
Wiki Pages

Removed
500+
Outdated Pages

Designed Collaboration HUB for the NAVWAR Enterprise

$200K
Reduction in moving from Fusion to Flank Speed

3600
Attendees participated in Microsoft 365 Application Trainings

Robotic Process Automation

Distributed Fusion Team prioritizing **Bot Development**

PEO C4I
Reduced Cycle Time ~55%

DON Enterprise Software License Implementation

✓ **37%** of available Microsoft licenses **REASSIGNED**
✓ **$1,173,403 SAVINGS**
✓ **1-Day** Delivery
✓ **ITPR & PR NOT REQUIRED**

$20M
ITPR Approval Authority Increase

Becoming **1** OF **2** Commands
to approve at this level

NAVWAR Data Revolution

9
And GROWING
Data analytic/visualization products established in Jupiter

COMMUNICATION - We are Servant Leaders to NAVWAR

Join our NAVWAR OCIO Ext Collaboration Team using the following code: **yo6jqy5**

2022 Priorities

▼ Drive Data-Informed Decision-Making & Digital Transformation

– Cradle-to-Grave Digital Transformation

– Automation

– Data Science & Predictive Analytics

▼ Enhance NAVWAR Cybersecurity Readiness and Resiliency

▼ Improve User Experience

Cradle-to-Grave Digital Transformation

▼ Measureable dollars saved/avoided by digitalizing process
Minimum Goal: $5M dollars saved/avoided in FY22

IT Roadmap

Consolidated BI Environments

Enterprise Unified Capabilities

1 DEVTEST environment for RMF FAO decisions

New Records Management

▼ **Challenges**

- Meeting the different needs of various organizations within NAVWAR
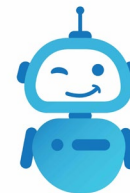- Understanding the future of Enterprise Offerings

Automation

▼ **Bring efficiency to NAVWAR processes through automation (e.g. BOTs or Low code platforms)**

Minimum Goal: 40 automation efforts deployed that bring efficiency to NAVWAR Business processes

- SIPR Token Requests
- 508 Compliance
- Front Office Routing
- Facilities Requests

Power Automate

Robotic Process Automation Bots

Assess	Dev	Test	Deploy
12	18	6	10

- Incoming Funds Package
- Manual Funds Validation
- Security Technical Implementation Guides (STIG) Vulnerability Identifiers (Vul IDs) Check
- IT reporting extracts/functions
- CASREP message screening process for SCRAT
- Business Financial Management (BFM) NWA Closeout
- DITPR-DON Annual Reviews
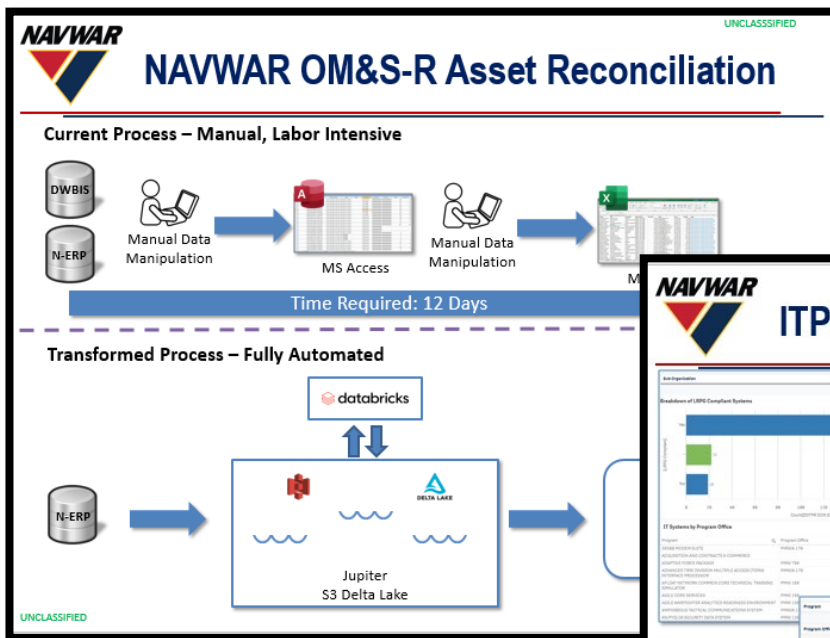
▼ **Challenges**

- Resources
- Workforce technology fatigue
  (e.g. introducing technology changes at a rapid pace for user consumption)

Data Science & Predictive Analytics

▼ **Deliver data analytics and dashboards in enterprise environments**
Minimum Goal: 90% of the cross-org competencies, PMWs, and Portfolios have one or more active projects in FY22
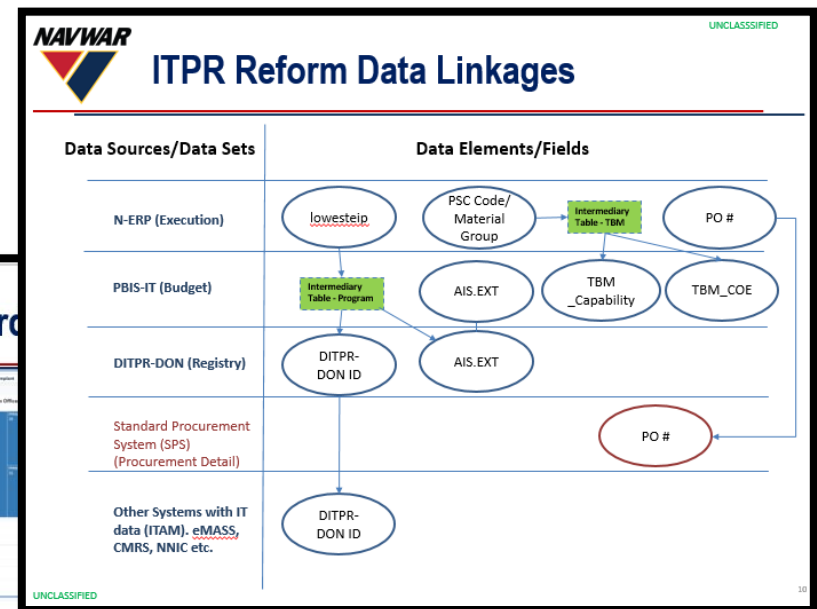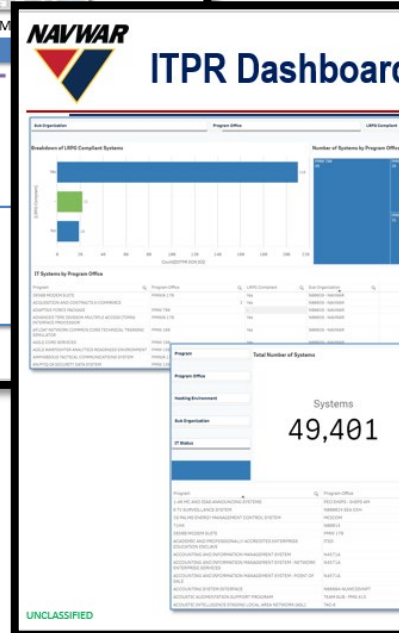
▼ **Challenges:**

Future of Advana/
Jupiter environment

# 2022 Priorities: Enhance NAVWAR Cybersecurity Readiness and Resiliency

▼ NAVWAR Enterprise CCORI

▼ Disconnect or secure operational systems (expired ATOs and HRE)
  – Defense in Depth
  – Risk Informed Dashboards
  – Reduction of FAO processing times

▼ Publish NAVWAR Business Continuity Plan

▼ Develop CMMC transition plan for Defense Industrial Base

Challenges:

▼ Cybersecurity resources

Ongoing Tasks
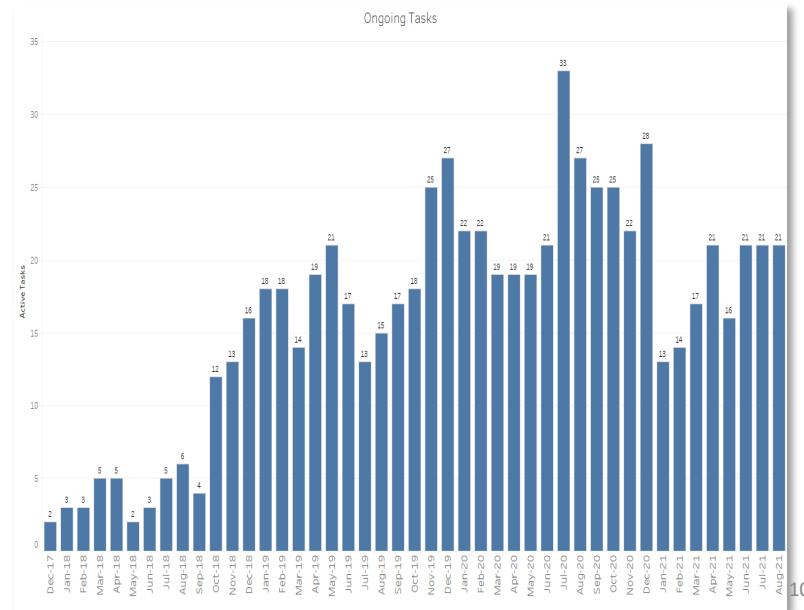
2022 Priorities: Improve User Experience

▼ Expand IT & Cyber knowledge and resources

▼ Enhance user accessibility

▼ Increase the flow of IT communication across the command

▼ Optimize Collaboration Spaces and enable digital solutions for the future of work

▼ Transition to Enterprise Capabilities and Tools (e.g., Flank Speed Audio Conferencing, Flank Speed Phone System)

Challenges:

▼ Alignment of solution adoption across the DoN

▼ Availability of Accredited IP Voice Solutions & COTS Tools such Passive Optical Networks

▼ Each vendor has their own portal and requirements for ELA requests

▼ COVID / Unknown

LEAVE NO ONE OFFLINE
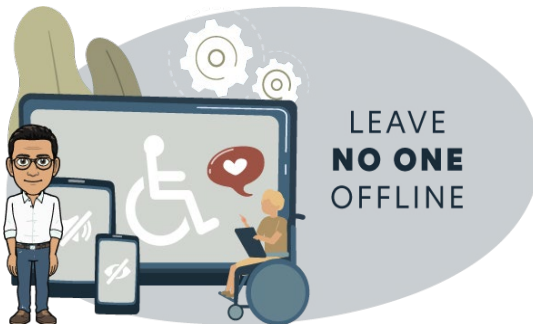
Questions?

Clear / Aligned Guidance

▼ The DoD is fully invested in Advana, the DoD Enterprise Analytics Environment
- – DEPSECDEF Hicks Memo

▼ Jupiter is the DON tenant in Advana
- – Naval Enterprise Data & Analytics Environment
  - • SECNAV memo (Data Advantage)
  - • POM 23 guidance
- – Enables the Naval Enterprise to integrate, share, and exploit data at speed and scale across the DON
- – Access to authoritative cross-Domain data
- – FM&C designated home for all financial data and analytics
  - • ASN FM&C memo 2 Feb 2021
  - • FM&C Goal: To have 50% of BSOs use Jupiter as their primary FM BI solution by FY23 (no BSOs are currently using Jupiter for primary FM BI)