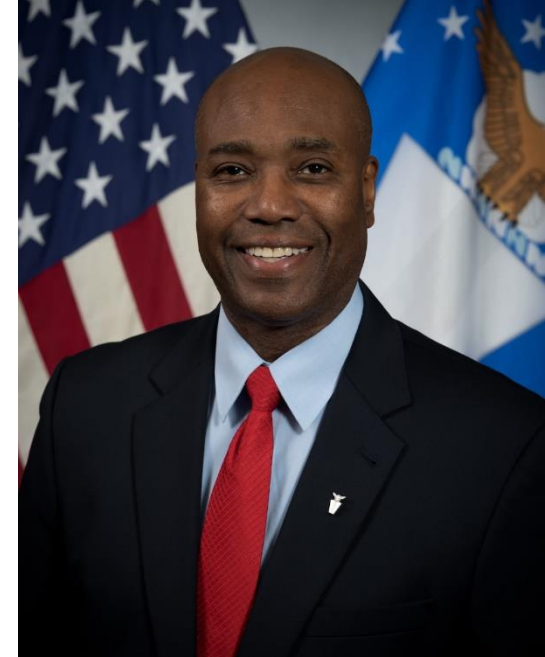




State of Business and Enterprise Systems (BES)

8 February 2024



Mr. Alvin Burse, SES
Program Executive Officer
Business and Enterprise Systems



PEO's BLUF



***Laser focused on our operational users, while
integrating key technologies to drive innovation
into our capability deliveries.***



Agenda



- **AFPEO BES Overview**
- **BES Organization**
- **DAF Strategic Objectives and Priorities**
- **AFMC Strategy Map**
- **BES Strategic Outcomes and PEO Priorities**
- **Successes**
- **Challenges**
- **Call to Action**
- **Summary**
- **Upcoming Events**



We Run the Systems that RUN the DAF!



Launch Aircraft



Build and Manage Bases



Manage DAF Resources



Repair and Maintain Weapons System



Pay Airmen



Pay Bills



Plan Expeditionary Operations and Facilities



Plan and Execute Full Spectrum Logistics



Manage Air and Missile Crews



Enable Medical Readiness



Provide Decision Makers the Information They Need to Run the Air Force

Operate, Integrate, Innovate



AFPEO BES Overview

BES at a Glance



BCAT I	2
BCAT II	9
BCAT III	65
ACAT I (NSS)	1
ACAT III (NSS)	2
O&S (NSS)	7
Support	32
SCAT	7

Over 400 apps,
18 IDIQ contract
vehicles w/ \$31B
ceiling



MISSION

Operate. Integrate. Innovate

VISION

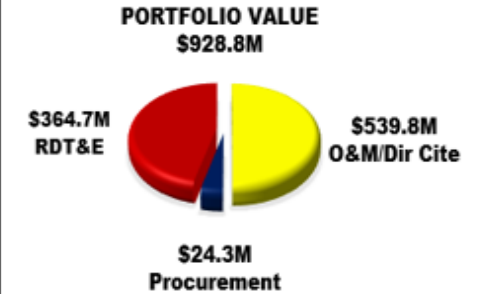
Delight the User!

BUSINESS AREAS

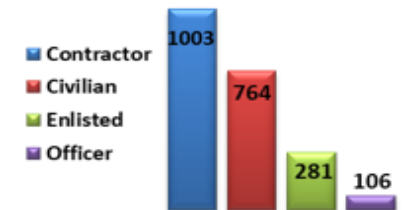
Civil Engineering	Logistics
Communications	Maintenance
Transportation	Supply Chain
Contracting	Personnel
Accounting	Pay
IT Services	Medical
Acquisition	Infrastructure
PPBE	Operations
Legal	Munitions
IG	Wing Operations



BES by the #'s



2,154 PERSONNEL



FY23

Accomplishments

- ❖ Delivered 13,478 Capability Requirements to Warfighter
** 105% Planned vs. Actual
- ❖ 552 Contract Actions, valued at \$630M

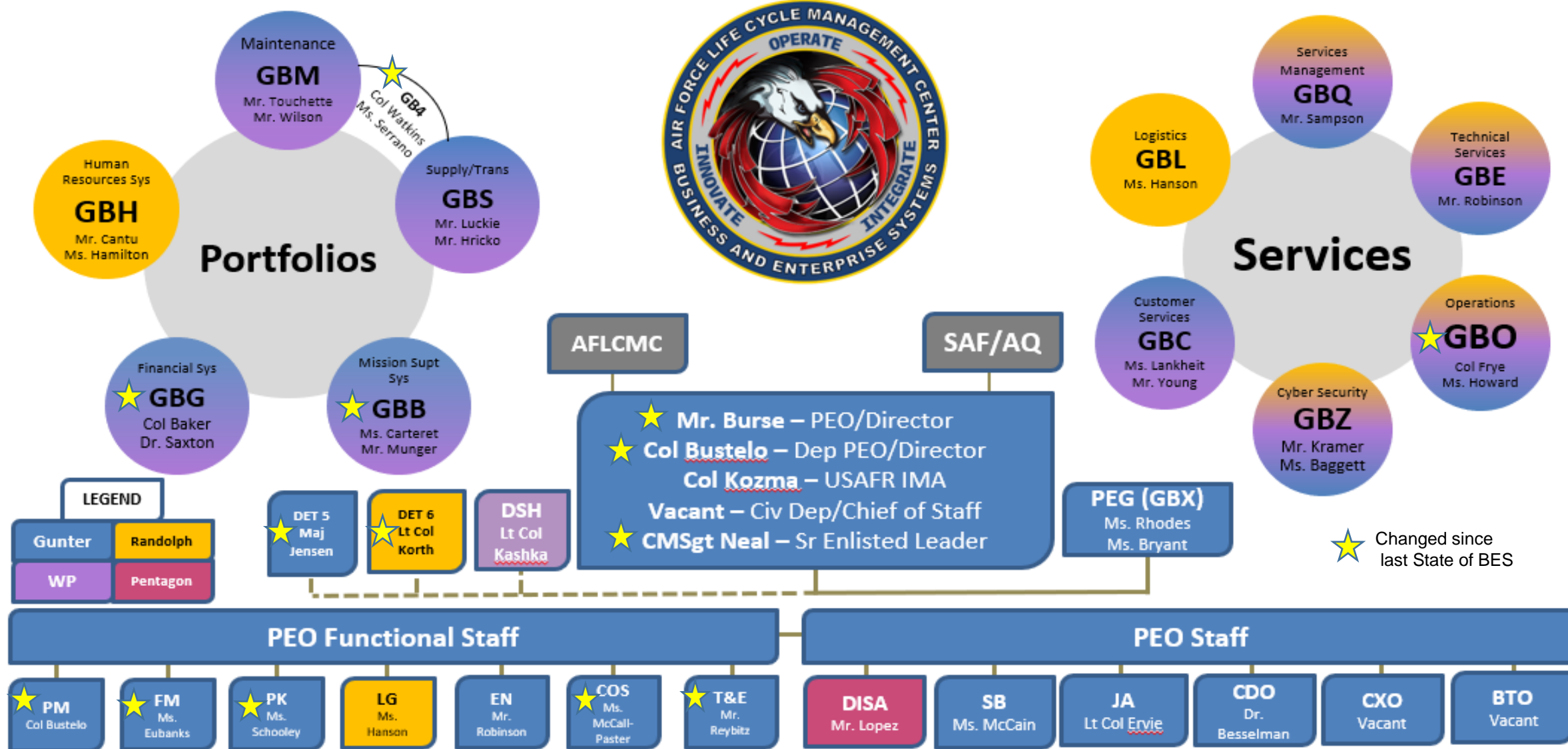
89 DISTINCT CUSTOMERS and 200+ STAKEHOLDERS
Most at the GO/SES level

WE run the **SYSTEMS** that run the
DAF

Operate, Integrate, Innovate



AFPEO BES Organization





DAF Strategic Objectives/Priorities



SECAF: “The heart of our mission is to deter aggression. We don’t want to fight wars -- we want to prevent them -- and the way you prevent conflicts is to convince the other side that you have the will to resist and the capability to defeat aggression.”

Operational Imperatives

- Space Order of Battle
- Operationally focused ABMS
- Moving Target Engagement
- Tactical Air Dominance
- Resilient Basing
- Global Strike
- **Readiness to Deploy and Fight**

Great Power Competition

DAF cyber operations, cybersecurity, IT, and communications forces (3CIT community) are not well-postured to...through five Lines of Effort

LOE 1	LOE 2	LOE 3	LOE 4	LOE 5
Organization	Equip	Personnel	Readiness	Support



CSAF: Staying the Course From General Brown’s direction to “Accelerate Change or Lose”... but some subtle changes

General Allvin: “We’ve got the charge ... now let’s follow through.”

- Transform the products of our Operational Imperatives into actual meaningful operational capability.
- Ensure our force presentation and force generation models are aligned to the way we intend to fight
- Define and refine the force design that provides the optimum size, shape, and composition of our force.
- **Adapt our organizational structure to optimize for great power competition.**
- **Harness the innovative talent and spirit that exists in every corner of our Air Force**



Operate, Integrate, Innovate



AFMC Strategy Map



MISSION

Powering the world's greatest Air and Space Forces... We develop, deliver, support, and sustain war-winning



Our Cross-Cutting Attributes

Speed • Strength • Endurance • Balance • Flexibility • Coordination

Our Commitments

Enable DAF Priorities • Support the Warfighter & Respect the Taxpayer • Focus on Enterprise Solutions & Digital Materiel Management • Provide All Airmen the Opportunity to Reach Full Potential • Embrace Innovation

Our Lines of Effort

LOE 1 What	Deliver Integrated Capabilities	Integrate research, development, test, sustainment, support, and infrastructure to maximize readiness and lethality for each capability and across all capabilities.
Objectives	<ul style="list-style-type: none">• Sustain the Legacy Force: Integrate all efforts within and across our centers by working together as One Team to ensure the current force structure is ready anytime and anywhere against any adversary.• Deliver the Future Force: Create future threat-informed capabilities that deter and disrupt our adversaries using the same integrated intra- and inter-center One Team approaches.• Seek DAF Enterprise Solutions: Through intra- and inter-center integration and coordination, deploy DAF enterprise solutions to the max extent and defer to unique solutions only when necessary.• Provide Responsive Support: Deliver AFMC materiel capability and combat support, Integrating to ensure operational surge	
LOE 2 Who	Strengthen Our Team	Advance the professional and personal development, retention, resilience and innovation of our workforce so every AFMC Airman and Guardian can achieve their full potential.
Objectives	<ul style="list-style-type: none">• Develop Leaders: Develop leaders able to create an environment where team members can professionally and personally thrive.• Entrust Decisions to Lower Levels: Push responsibilities and decision-making to trained-and-ready lower levels within the command chain and empower our people regardless of rank or grade.• Build Full Potential Teammates: Provide intentional opportunities for military and civilian team members to achieve their professional and personal goals, removing barriers concerning diversity, equity, inclusion and accessibility.	
LOE 3 How	Revolutionize Our Processes	Implement Enterprise Solutions, Digital Materiel Management, and other methods to revolutionize critical processes in support of mission execution and the warfighter.
Objectives	<ul style="list-style-type: none">• Build One AFMC Business Enterprise: Inculcate internal processes that activate innovation, speed, strength, endurance, balance, flexibility, and coordination in AFMC's ability to deliver capabilities on relevant timelines in spite of fluid threat environments.	
LOE 4 Why	Amplify Warfighting Culture	Connect every AFMC Airman and Guardian to the mission and focus the materiel enterprise on delivering capabilities and services in support of operational execution and deterrence.
Objectives	<ul style="list-style-type: none">• Connect to the Mission: Ensure every team member and unit understands their role, value, and connection in materiel capability delivery to the operational units we support.• Be the Trusted Partner: Drive toward the speed of trust with one another, the warfighter, industry, and our mission partners.	

VISION

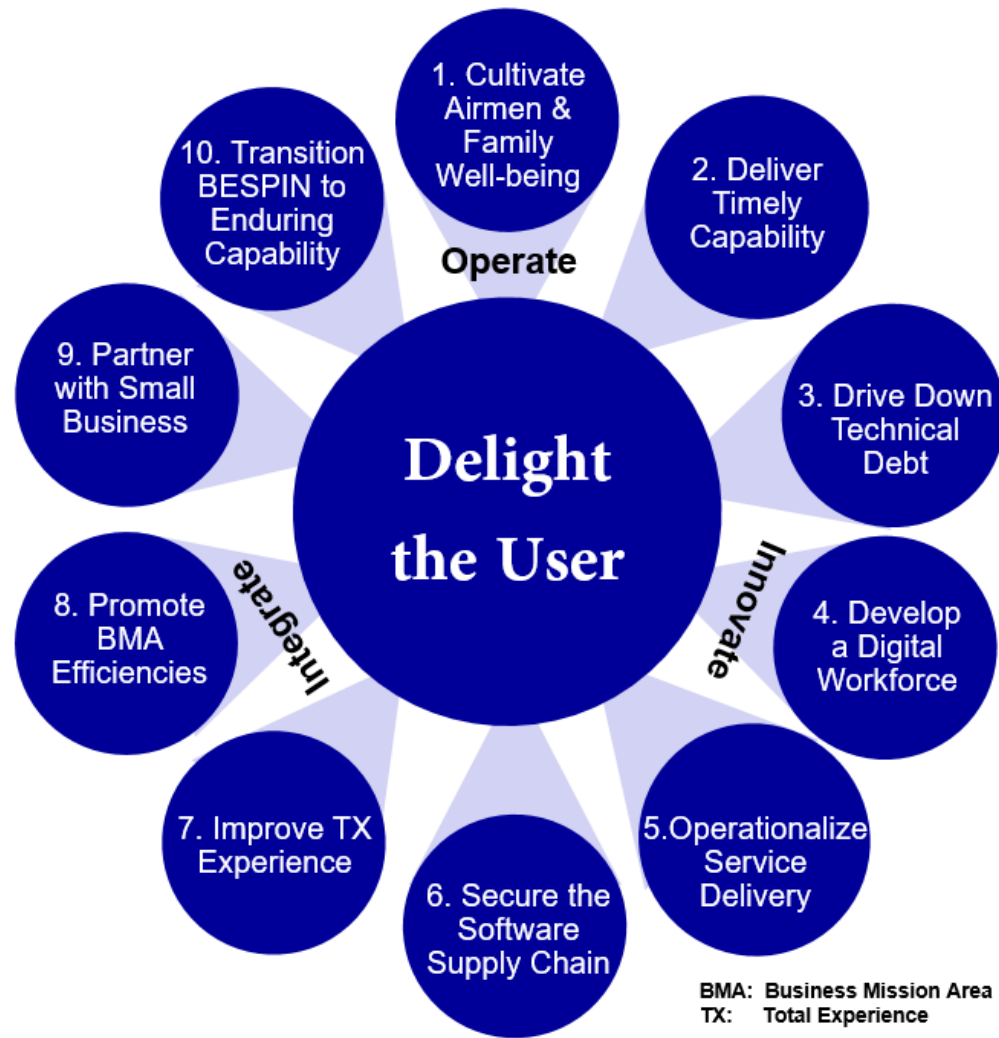
One AFMC-- integrated, innovative, trusted, and empowered... Indispensable to our nation, disruptive to our adversaries



Operate, Integrate, Innovate



BES Strategic Objectives and PEO Priorities



- Training/developing/taking care of people (reform)
- Deliver on our “Commitments”
- Partner w/functionals & stakeholders to eliminate tech Debt
- Rebranding and workplace of choice
- Align Services and capability delivery
- Implement tech solutions to identify /correct SBOM issues
- Acting on user’s feedback; close the loop with timely implementation
- Leading the effort for “Enterprise solutions” in the BMA
- Reform Small Business processes and engagement strategies
- BESPIN: revamp strategic Innovation roadmap; work with the DAF (users/functls); adopt OI/GPC key tenets



Successes

Maintenance Scheduling Module Completes Cloud One – Virtual Private Cloud Migration



Air Force Product Lifecycle Management (AF-PLM) Provides Digital Transformation Efforts in Support of the USAF



BESPIN and Singapore Air Force Reach for the Stars



SPERS Continues to Rapidly Deliver Next-Generation Cost-Effective Capability



BESPIN Establishes Partnership with Singapore Air Force Software Developers



ILS-S Unit Deployment Manager (UDM) Asset Management Capability



ETIMS iOS App Delivered to Cloud One



BESPIN developed Guardian One, the Space Force's inaugural service-wide mobile app



Ms. Yolanda McCain, DAF/SB Director's – Outstanding MAJCOM/FOA/DRU Small Business Director Award



**The BES Mission Success Podcast
Launched in April 2023**



Successes

- RPA fielded 1,200 bots across DAF, saving 28,000 hours of labor
- DAFBOT introduced generative AI project with FBI and OSI that sifted through meta-data to predict specific types of behavior
- DEAMS received a Qualified Modified Opinion in FY23 for the program's Service Organization Control (SOC) 1 Audit
- (DCAPES) - completed 12 releases, shutdown 18 cyber-vulnerable legacy servers, saved \$400K annual costs, & ensured planning availability deploying 27,000 Airmen & Guardians
- BESPIN partnered with high-profile clients including CDC, A1, A4, USSF



Challenges

- PEO BES only manages ~22% of the DAF's Business systems; remaining 78% are managed at SAF/HAF, MAJCOM and below levels
- Working numerous unfunded downward directed requirements (e.g., FIAR, ICAM, Zero Trust, etc...)
- Personnel hiring is slow; DBSs are not at the top of the list for backfills
- Limited/inconsistent funding advocacy at Corporate levels; No DBS panel
- Reqmnts/Business Process Re-engineering are systematic issues for DBSs
- Flow of innovation funds to the field level units makes it difficult to control IT spend and to synchronize "Enterprise" benefits
- Governance continues to be problematic for DBS; drives unrealistic priorities and misaligns utilization of resources
- Sponsorship for Enterprise Tech Solutions (i.e. BESPIN, MACH5 and RPA/BOTs)





Call to Action (Moving Forward)

■ OPERATE:

- Maximize the execution of our current delivery capacity to “Delight the user”
- Investigate/implement more efficient/effective ways to deliver capabilities to our users faster --- remove slow bureaucratic processes

■ INTEGRATE:

- Actively engage industry to motivate continuous process improvements in the Agile deliveries --- reduce timelines
- Solicit industry’s help with integration of technologies (Low Code, Large Language Models, CHAT GPT, Gen AI, RPA/BOTS, etc..) into legacy and/or development programs

■ INNOVATE:

- Investigate Public/Private opportunities to decrease the time it takes to get new IT capability in the hands of our users; remove the valley of death
- Seek opportunities for BESPIN to partner with BMA functionals, customers, stakeholders and industry to standup a design studio concept to allow our customers to drive it before they buy it...





Summary

- **Tactically, Operationally and Strategically aligned with NDS, DAF and MAJCOM**
 - **SecAF's OIs and GPC are the keys to success**
- **#1 -- Delivering operational capability to our customers at the speed of need**
 - **Ensure operational successes while learning, adopting and continuously improving**
- **Reforming people, programs and processes to optimize capabilities deliveries to our users**
 - **Re-blueing our Airmen**
- **Working ongoing funding, prioritization and governance challenges**

**Can't Operate, Integrate and Innovate from behind ---
we need to get "Out in Front"!**



Upcoming Events

- **DAFITC 2024 (26-28 Aug)**
 - Renaissance Montgomery Hotel & Convention Center
 - Sponsor/Co-sponsor(s): Air Force Chief Information Officer, PEO BES & Air University Commander (alternating)
 - 3,855 In-Person/1,025 Virtual Participants from DoD, Industry, Academia (2023)

- **Vendor Industry Day 2024 (22 May) & PEO/CEO engagement**
 - Montgomery Performing Arts Center (MPAC)
 - Organized by BES Directorate



Questions