

Air Force Installation & Mission Support



Revolutionizing Combat Support

Maj Gen Brad Spacy
AFIMSC/CC





Future Installation



Multi-Functional



Connected



Affordable



Scalable



Resilient



Autonomous



Future Airmen



LIGHT, LEAN, AGILE



EQUIPPED



AUTONOMOUS



SEMI-AUTONOMOUS



SENSING



CONNECTED

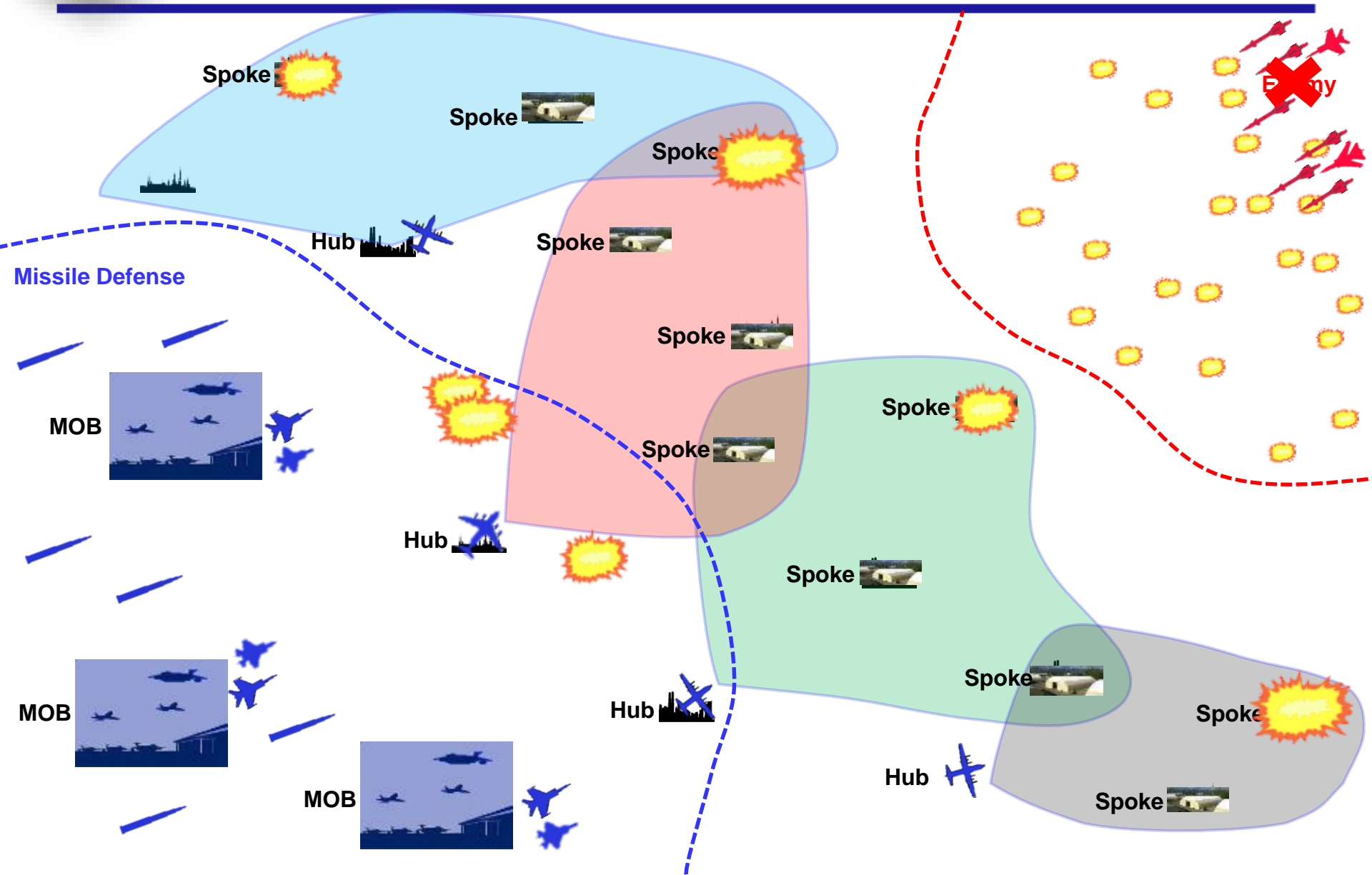


RESILIENT

Multi-Skilled, Innovative, Agile



Future Conflict





What We Need



PARTNERSHIP



IDEAS



QUESTIONS

INDUSTRY



INNOVATION



ENGAGEMENT



CREATIVITY

AFIMSC



The Center of I&MS Innovation!

Air Force Security Forces Center

2018 I-WEPTAC Industry Day



AFSFC Overview



OVERVIEW



- **Who We Are**
- **What We Do**
- **Our Priorities**
- **Outlook – Industry Engagement**
- **How to do Business with AFSFC**
- **Q&A**



Who We Are

Mission/Vision



AFSFC MISSION

"AFSFC develops, delivers and executes programs that secure US Airpower... to ensure its freedom of maneuver in all environments and protect the USAF's nuclear deterrent capability"

AFSFC VISION

"USAF's Force Protection leader...connecting the AFIMSC mission with the USAF Security Enterprise"

USAF SECURITY FORCES CENTER



AFMC/CC



AFIMSC/CC

Director of Staff

Vice Commander

CCC

CA



AF/A4S

CONFINEMENT FACILITIES
Det 1 - Fort Leavenworth
Det 2 - MCAS Miramar

Air Force Security Forces Center
JBSA-LACKLAND, TX


RTC Det 3
FORT BLISS, TX

Operations

Strategic Plans &
Requirements

Weapons, Ammunition,
Vehicles, & Equipment

Corrections



**NUCLEAR SECURITY COMBAT TRAINING CENTER
CAMP GUERNSEY, WY**

**MWD TRAINING AIDS
DOVER AFB, DE**

**DETACHMENT 1 - US DISCIPLINARY BARRACKS
FORT LEAVENWORTH, KS**

**NAVAL CONSOLIDATED BRIG CHESAPEAKE
CHESAPEAKE, VA**

**AIR FORCE SECURITY FORCES CENTER
JBSA-LACKLAND AFB, TX**

**CREEK DEFENDER RTC
BAUMHOLDER, GERMANY**

**DETACHMENT 2 - NAVAL CONSOLIDATED BRIG MIRAMAR
MCAS MIRAMAR, CA**

**NAVAL CONSOLIDATED BRIG CHARLESTON
JOINT BASE CHARLESTON, SC**

**DETACHMENT 3 - DESERT DEFENDER RTC
FORT BLISS, TX**

**COMMANDO WARRIOR RTC
ANDERSEN AFB, GUAM**

**NAVAL CONSOLIDATED BRIG MIRAMAR DETACHMENT PEARL HARBOR
JOINT BASE PEARL HARBOR HICKAM, HI**

**AFOTEC
EGLIN AFB, FL**

AFSFC – What We Do

S3 – OPERATIONS DIRECTORATE

Air Operations	Law & Order	Mission Assurance Assessment Team	Training Development	Total Force Association
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S2/5/6/8 – STRATEGIC PLANS & REQUIREMENTS

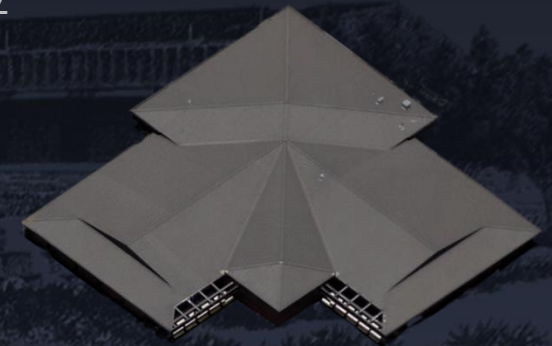
Concepts & Futures	Security IT System	Defender's Edge	Budget/ Manpower	Electronic Security Sys	Ops Fusion Cell/SF Lessons Learned	SF Requirements/ Warfighter Support
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S4 – WEAPONS, AMMUNITION, VEHICLES, & EQUIPMENT

AF Weapons Management	AF Security & Protection Category Management	SF Vehicles & Equipment
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FC – CORRECTIONS & CONFINEMENT

Inmate Management	Rehabilitation & Clinical Services	AF Victim/ Witness Program Repository	Detachment 1 Ft Leavenworth	Detachment 2 Miramar
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Our Priorities



- **Weapons & Equipment Modernization**
- **Counter-Small Unmanned Aircraft Systems**
- **Facility Modernization Initiatives**
- **Sustainment Training**
- **Information Integration and Dissemination**



MRAP
MINE RESISTANT
AMBUSH PROTECTED VEHICLE



TASER



GREEN LASER
INTERDICTION SYSTEM



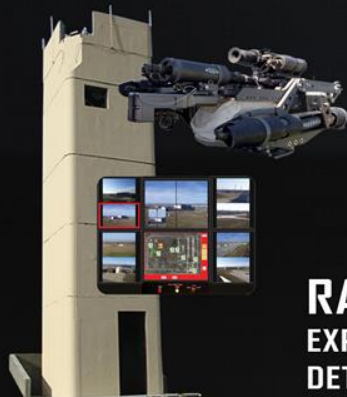
RQ-11 RAVEN



FLASHBANG
GRENADE



CROWS
COMMON REMOTE OPERATED
WEAPONS SYSTEM



RTES
REMOTE TARGET
ENGAGEMENT SYSTEM



RAYTHEON
EXPLOSIVE
DETECTION SYSTEM



AGILE COMBAT SUPPORT



DBIDS
DEFENSE BIOMETRIC
IDENTIFICATION SYSTEM



TASS
TACTICAL AUTOMATED
SECURITY SYSTEM



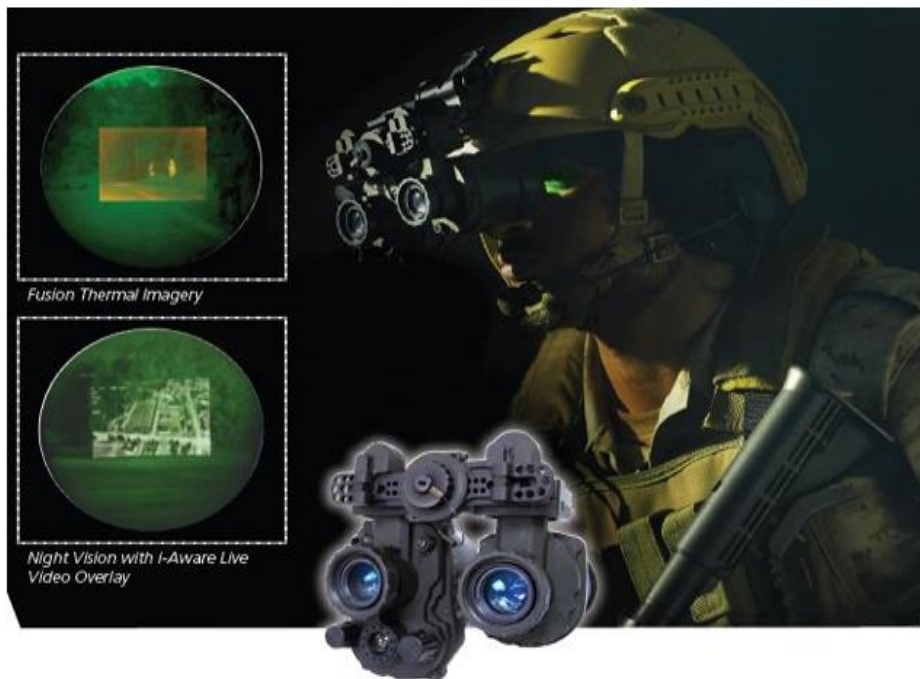
Remotely Operated Weapons



- Application to Adaptive Basing/Distributed Ops
- Common Remote Operating Weapons System (CROWS) as weapon engagement platform
- Increased volume of fire via M134 mini-gun, anti-armor capability via FGM-148 Javelin Missile, and eliminates direct human handling, increasing accuracy.
- Fixed via Containerized Weapon Station or mobile via tactical vehicle (MAXXPRO, M-ATV, JLTV)

Augmented Reality

- Single, unified platform offers optical overlay, color imagery and camera capture
- Lightweight monocular or binocular configuration
- Fuses optical overlay, image intensified and infrared imagery and real-time video
- Enables covert operation and heads-up situational awareness imagery during day/night operations





Global Defender C3 (GDC3) Capability



- Full-spectrum, multi-mission network
- Enables integration of force-multiplying IP-based technologies
- Adaptive NSA-certified Type 1 secure, closed Radio Frequency (RF) mesh network
- Line of Sight (LOS) and Beyond LOS (BLOS) voice and data communications through customized communications component integration
- Leverages programmable multiple waveform fail-over
- P25 Trunking Land Mobile Radio (LMR) compliant
 - Interoperable with industry-standard Over-the-Air Programming and Rekey (OTAP/OTAR) capabilities

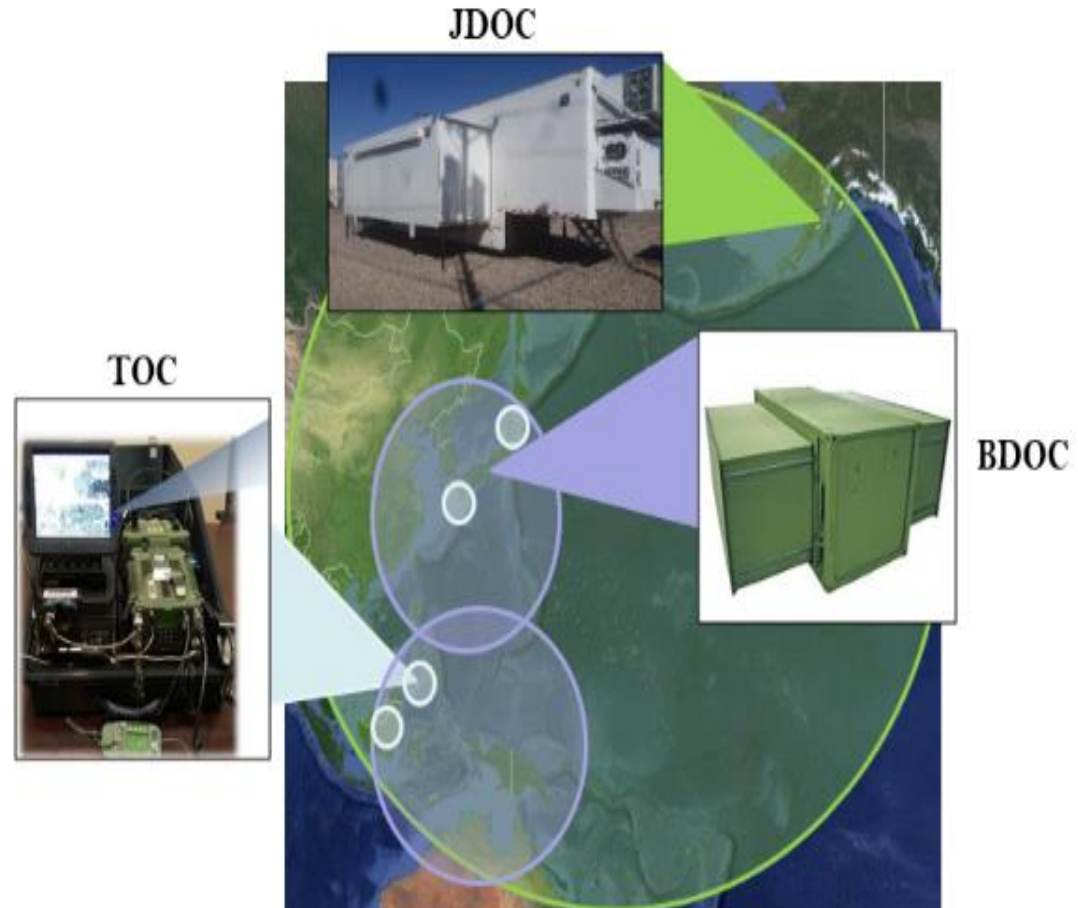




Global Defender C3 (GDC3) Employment



- Provides keystone of Automated Base Defense across garrison and expeditionary mission sets
 - Establishes C3 network necessary to integrate Defenders, weapons and technology
- Dispersed span of control tailorable to meet today's adaptive basing demands
 - Joint Defense Operations Center (JDOC) – "Theater" C3
 - Base Defense Operations Center (BDOC) – "Region or Hub" C3
 - Tactical Operations Center (TOC) – "Sector or Spoke" C3



GDC3 Core Communications Components



AN/PRC-160 WBHF



AN/PRC-158 MCMP



AN/PRC-117G



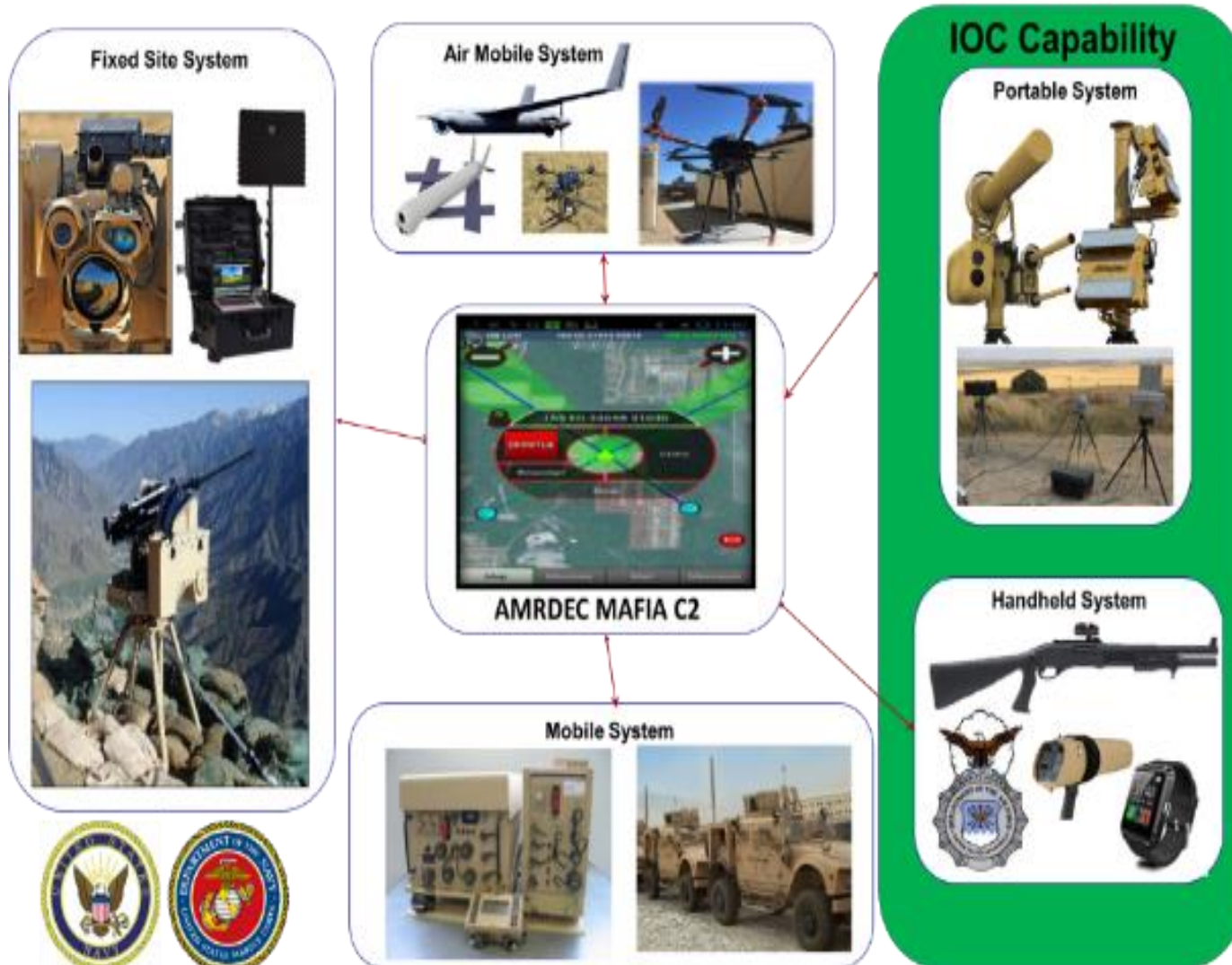
AN/PRC-152A



RF-800i Intercom



C-sUAS Capabilities (JEON/JUONs)



REQUIREMENTS

- STRATCOM JEON
- CENTCOM JUONs
- Supt'g AFMC/A3
- EUCOM JUONs
- Roles/responsibilities
- Requirements Dev



What We Need

- **Enhanced Lethality**
 - Augmented Reality
 - Weapons System Procurement
- **Readiness**
 - Set the Theater
 - Global Defender C3 and Modular Ops Centers
 - JLTV fielding
- **Modernization**
 - Automated Base Defense
 - SUAS and Counter-SUAS



"We must not permit the risks associated with change to overshadow the more detrimental risks of stagnation."

- USAF Strategic Master Plan

What We Need

- **Human Performance Optimization**
 - Smaller, lighter & more efficient equipment in order to reduce burden to the Airman
- **Human ↔ Technology Interface**
 - Remote monitoring/response
 - Musculoskeletal tailored injury prevention/feedback
- **Integration of Artificial Intelligence**
 - Systems interoperability
 - Prioritization of Effort/Work
 - Intelligence/Information integration





What We Need

- **Tactical Communications**
 - Interoperable with all mission partners
- **Detect & Defeat Airborne Delivered Threats**
 - Cost effective solutions for C-SUAS
- **Modernize Detection & Assessment Capability**
 - Base physical security systems for fixed/expeditionary using small weight and power
 - Exploit recent technological advances
- **Command & Control**
 - Common op picture for all emergency responders
- **Short/Medium Range - Direct & Indirect Fire**
 - Modernize weapons systems to engage targets





How to Do Business With AFSFC

- You can reach us through our Air Force Portal webpage: www.afsfc.af.mil or through our Requirements Division Organizational Account: AFSFC.S5.RequirementsDivision@us.af.mil



Air Force Civil Engineer Center



2018 I-WEPTAC Industry Day



AFCEC Overview

Battle Ready...Built Right!



Overview



- **Who We Are**
- **What We Need**
- **How To Do Business with AFCEC**
- **Q & A**



Who We Are

Mission/Vision

AFCEC Mission

Provide Civil Engineering services & enterprise lifecycle leadership to Air Force installations that **enable the warfighter**

AFCEC Vision

Lead the way in delivering Civil Engineering **enterprise solutions**

AFCEC: BATTLE READY...BUILT RIGHT ...

EVERYWHERE!

PACAF 'Storefront'

Joint Base Pearl Harbor -Hickam , Hawaii

AFCEC HQ

Joint Base San Antonio-Lackland, Texas

AFCEC Det. 1

Tyndall AFB, Florida

USAFE 'Storefront'

Ramstein AB, Germany



Who We Are

AFCEC Organization

Local Partners

AFLOA/JACE

AFICA

AFCEC Director

Deputy (JBSA)

Deputy (Tyndall)

SAF/GCN SA

Director of Staff

Chief, Financial
Office

Office of Energy
Assurance

Staff Judge Advocate

Planning and Integration Directorate (CP)

- Enterprise-wide Output Standards
- AFCAMP Investment Plan
- IPL (Budget year) development / integration
- POM Development
- Enterprise Procurement

Installations Directorate (CI)

- AF Real Estate (RE) Management
- RE Development
 - Value-based
 - 3rd party financed
- REPI/GSA leases
- Housing Portfolio
- Utilities Privatization
- Base Realignment and Closure

Facility Engineering Directorate (CF)

- Centralized Design & Construction (D&C) for MILCON / FSRM
- Standard Designs
- Expertise in all Facility Construction

Environmental Directorate (CZ)

- Compliance
- Restoration
- Natural & Cultural Resources
- NEPA Center
- Leg and Reg Engagement

Operations Directorate (CO)

- Asset Visibility
- Facility Ops & Maint support
- Preventive Maint Oversight
- Engineer SMEs
- Enlisted Force Development
- Airfield Pavement Evaluation Team
- CE Maint, Inspect & Repair Team

Energy Directorate (CN)

- Energy Resiliency
 - Robustness
 - Resourcefulness
 - Recovery
 - Response
 - Redundancy
- Energy Pgm Development
- Rates & Renewables
- Automated Meter Reading System

Readiness Directorate (CX)

- Expeditionary Eng, PRIME BEEF, RED HORSE
- Emergency Mgt
- EOD
- Fire & Emer Svcs
- AF Contract Augmentation Program (AFCAP)
- Reach-back center
- CE RDT&E
- JCIDS Reqmts

Battle Ready ... Built Right

What We Manage – The Big Picture



**161 Installations,
44 Range Complexes**

156K NM² SUA, 350 MTRs, 29K
Acres Accident Zones, 309K Acres
Noise Zones



> 200 Miles of Coastline



**287 Federally-Recognized
Tribes Consulted**



**598K acres of forest, 266K
acres of wetlands**



9M Acres of Land



**115 Threatened/Endangered
Species on 45 installations**



**246 Waste Water Permits
207 Storm Water Permits**



224 Water Systems



240 Clean Air Permits

Natural & Built Infrastructure Provides Capacity for Mission Capability



Leveraging Technology

Building mechanical systems

Building analytics system

A building analytics system exposes building mechanical equipment sensor data to algorithms that detect operating faults. Once the analytics system is integrated with a facility's data sources (BASs, meters, etc.), **installations are provided prioritized information to:**

1

Improve manpower

2

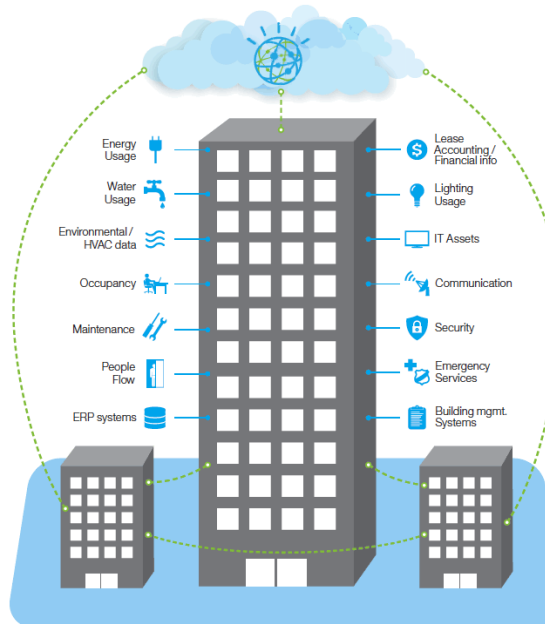
Track device

3

Manage asset life cycle

INSTALLATION HEALTH

Lighting
Water
HVAC
Equipment
Security
Layout



Diagnostic and predictive analytics

IoT-enabled fault detection

Work order integration

Reduced operating costs

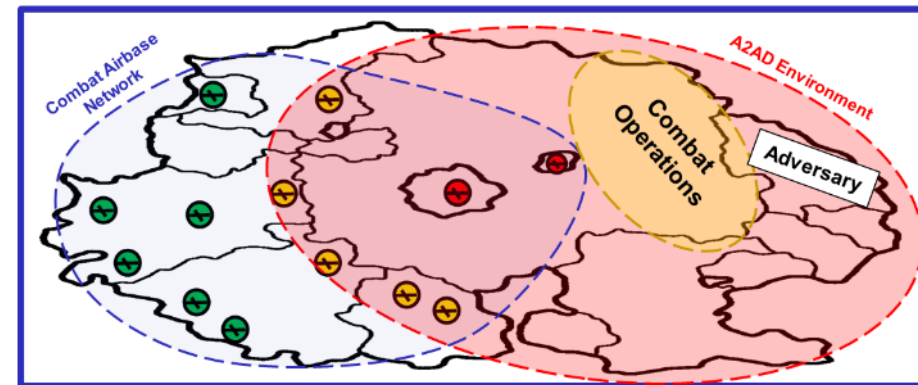
Reduced energy footprint

Optimum performance

How can we leverage technology to increase resiliency?

Challenges In The Combat Environment

- How can we recover bases after attack...
- With a minimal footprint...
- In a distributed basing environment...
- To enable combat power in air, space and cyberspace?



How You Can Help Us

- **Leveraging disruptive technologies to enhance lethality and increase readiness**
 - AI/Machine learning
 - Autonomous data transport
 - Advance sensor technology
 - Blockchain technology applications
 - App-based business systems
 - Resilient construction materials
 - Exoskeleton suits





How To Do Business With AFCEC

U.S. AIR FORCE CIVIL ENGINEER CENTER

HOME NEWS ABOUT US WHAT WE DO **BUSINESS** Search U.S. Air Force Civil Engine

DOING BUSINESS WITH AFCEC

Headquartered at Joint Base San Antonio-Lackland, Texas, the Air Force Civil Engineer Center is responsible for providing responsive, flexible full-spectrum installation engineering services across the Air Force enterprise. Successful business partnerships are critical to AFCEC meeting its execution mission requirements.

All AFCEC solicitations are listed on the Federal Business Opportunities ([FedBizOpps](http://www.fedbizopps.gov)) website, the single government point-of-entry for U.S. federal government procurement opportunities over \$25,000.

For general Air Force contracting information, visit the Air Force Installation Contracting Agency website at <http://www.wpafb.af.mil/afica>.

ENTERPRISE PROCUREMENT CLEARINGHOUSE REPORTS

The Clearinghouse Report is a list of projects that have been reviewed and cleared for execution by AFCEC based on mission, matching requirements with the most appropriate contracting venue for execution. The most current Clearinghouse Report, as well as report archives, are available [here](#). Do not contact the installations listed as these projects will be managed by AFCEC.

Final decisions on the extent of competition, small business participation, estimated value or any aspect of the procurement action will not be made until each is initiated. The forecast data is for planning purposes only. It does not represent a pre-solicitation synopsis, does not constitute an invitation for bid or request for proposal and is not a commitment by the government to purchase the desired products or services.

TASKING ORDERS

- Construction
 - [Fiscal 2017 Construction Tasking Order](#)
- Environmental
 - [Fiscal 2017 Environmental Tasking Order](#)
- Military Family Housing
 - [Fiscal 2017 Military Family Housing Tasking Order](#)

BUSINESS NEWS

- Teamwork essential as AFCEC produces newest integrated priority list
- BAA seeks innovative solutions to environmental problems

www.afcec.af.mil

All Solicitations

Projects executed by AFCEC (SATOC, AE13, OASIS, etc)

Construction, Environmental, and Housing Projects with authority (majority executed by installation)



www.afcec.af.mil

www.facebook.com/TheAFCEC

Air Force Services Activity



2018 I-WEPTAC Industry Day

AFSVA Overview



Overview



- **Who We Are**
- **What We Do**
- **Outlook – Industry Engagement**
- **How To Do Business with AFSVA**
- **Q & A**



Who We Are

Mission/Vision

AFSVA Mission

Deliver innovative Services capabilities to generate combat- ready, resilient warfighters ... Airmen taking care of Airmen!

AFSVA Vision

Services professionals investing in Airmen and families, anywhere, anytime!



Building and Sustaining Ready and Resilient Airmen and Families



Who We Are

AFSVA Organization



Director of Staff
Ms. Ramona Dolson



Chief Enlisted Manager
CMSgt Donald Cleveland



Commander
Col Donna Turner



Executive Director
Ms. Jo Anne Dimitriou



Legal Office
Mr. Pete Gedraitis



SVK
Strategic Marketing
VACANT



SVP
Programs
Mr. Jon Grammer
Golf, Bowling,
Aero Clubs, OD
Rec, ITT
Community Prgs
AF Entertainment
Child and Youth
Libraries



SVO
Operations
Col Julie Newlin
Food & Beverage
Lodging
Reserve, Readiness,
& Fitness



SVI
Installation
Support
Col Anthony
Lanuzo
Standards & Evals
Mission and
Operational
Support
Resources



SVX
Plans & Force
Management
Mr. David Jenkins
HR & Benefits
Capital Improvement
Plans & Prg Mgmt
Training
Transformation



SVC
NAF Purchasing
Mr. Bill Foran
Hospitality &
Facilities
Strategic Business
Systems
Policy, Tng, &
Field Support



FM
Financial
Management
Lt Col Jon Jehn
APF & NAF
Management
Shared Service
Center
Treasury, Cash Ops,
& Budgets



SVS
Information
Technology
Systems
Mr. Aaron Condel
IT Operations
IT Strategy

Building and Sustaining Ready and Resilient Airmen and Families



What We Do

A1S Portfolio



-
- Fitness Operations
 - APF Food Service
 - CDCs and School Age Programs
 - Family Child Care Homes
 - Youth Programs
 - Airmen and Family Readiness Ctrs
 - Libraries
 - Outdoor Recreation
 - Lodging
 - Resiliency Programs
 - Protocol
 - Central Ticket Programs
 - Leisure Travel
 - Clubs / Golf / Bowling / Snack Bars
 - Community Centers
 - Installation Support
 - Recreational Gaming
 - Recreational Shooting
 - Arts and Crafts / Auto Hobby Shops
 - Aero Clubs
 - Air Force Entertainment
 - Mortuary Affairs Operations (Dover AFB)
 - Mortuary/Survivor Asst/Search & Recovery
 - Survivor Assistance/Wounded Warrior
 - Honor Guard
 - Awards, Decorations, and Uniforms
 - AF Sports/World Class Athlete Program
 - NAF Financial Mgmt & Shared Service Ctr
 - NAF Capital Improvement Program
 - NAF Employee Benefits & Insurance Prgs
 - NAF Purchasing
 - Strategic Marketing
-

Building and Sustaining Ready and Resilient Airmen and Families



What We Do



Building and Sustaining Ready and Resilient Airmen and Families



How To Do Business with AFSVA



Air Force NAF Purchasing Office



<https://www.afnafpo.afsv.net>

Business Opportunities

STRATEGIC BUSINESS AND INITIATIVES DIVISION

STRATEGIC BUSINESS BRANCH
mailto:

afsva.svcsb.strategicbusiness@us.af.mil

COMMANDERS SMART BUY PROGRAM (CSBP) BRANCH

Mail to:

afsvasvcreation@us.af.mil

HOSPITALITY, FACILITIES, LODGING DIVISION

FOOD SERVICE AND FACILITIES BRANCH

Mail to:

afsvasvfoodservicefacilities@us.af.mil

LODGING & INTERIOR DESIGN BRANCH

Mail to:

afsvasvclodging@us.af.mil

Doing Business with AFNAFPO

AFNAFPO prides itself on marketing vendors who participate in the CSBP to Department of Defense (DoD) Nonappropriated Fund operations worldwide. Vendors looking to partner with the AFNAFPO should contact a contract specialist handling their product or service. Vendors shall be evaluated for contracts based upon customer need, vendor's ability to ship both domestically and abroad, reporting capabilities, pricing, and service after the sale. In the event that a contract is not in the best interest of either party, vendors are encouraged to contact any of the listed contracting officers for direct sales.

For business opportunities with the Air Force, select the links below:

[AFNAFPO Business Opportunities](#)
[FedBizOpps](#)

PRODUCT REVIEW

Product selection for a Nonappropriated Fund Purchasing Agreement (NPA) involves various processes and determinations. There are no specific rules or guidelines. We operate like a business, and make our decision based on what is ultimately best for our customers. Products selected for NPAs could be based on:

- A. Industry or trade survey reports, or data submitted by the manufacturer.
- B. Quality products that bear a brand name on which the brand itself may influence our customers' acceptance of the product.
- C. Products where brand name has no significance, but selection is based on overall value to the customer.
- D. Individual repetitive purchases through our office, or our bases, of a particular product.

All of these things would be key indicators of what our customers are using in their day-to-day operations.

In addition, we will ask companies with minimal usage by military MWR/Services activities to distribute their product brochure to our customers and report to us after approximately six months on the response they received.

Welcome
P-Card
IBPS
NAFWerX
Policy & Training
Commander's Smart Buy Program
Lodging Support
Construction Support
Prime Vendor
Doing Business with AFNAFPO