

OVERALL CLASSIFICATION : Unclassified

Headquarters U.S. Air Force

Integrity - Service - Excellence

EITaaS Update



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The EITaaS Why...

Agreed to principles

- **Modernize**: IT commercial standard or better
- **Stabilize**: leverage advantages of cloud and industry best practices
- **Defend**: re-mission to defend AF core missions
(Resource Expeditionary Cyber, Cyberspace Sq Initiative, Mission Defense Teams and Service-retained Cyber Protection Teams)

And since then

- VCSAF/USECAF - “Declining Operational Readiness Due to Failing Infrastructure”



Endstate: Improved operational readiness for a lethal, multi-domain Air Force



The ElTaaS What cont'd...



Enterprise IT as a Service – Risk Reduction Effort (FY18-20)

Enterprise Investments Continue:

- Cloud Hosted Enterprise Services (CHES)
- Common Computing Environment (CCE)

Initially Scoped for 7 Bases:

- Possible Capacity to Expand to 20 Bases

Functional Program Office (FMO):

- Voice of the User
- Seam Management
- Co-located w/PMO
- Requirements & Optimization Services
- Operations & Integration
- Functional Analysis
- Strategy & Strategic Comms

User & Base Services

- Network as a Service w/Telephony
- Remote Access
- End User Device
- Compute & Store (local)

Core Enterprise

- ITSM/Service Desk

Enterprise Cloud

- CHES
- CCE

Elmendorf AFB

Offutt AFB

Buckley AFB

Cannon AFB

Pope Field

Maxwell AFB

Hurlburt Field

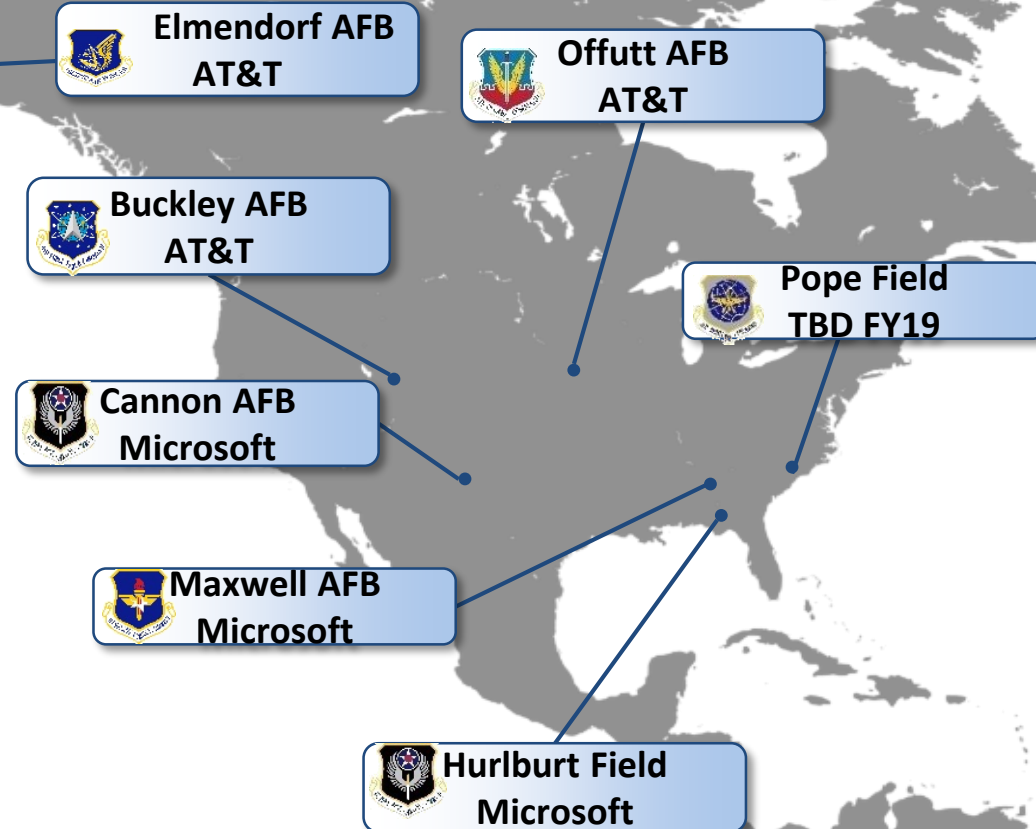
Current as of 20 Aug 18



ElTaaS Network as a Service

Network as a Service (NaaS) Facts

- Commercial Network
- Vendor's WAN
- Connectivity to DODIN, CHES, CCE
- Telephony
- Remote Access
- Wired and/or Wireless Connectivity at base
- Utilize Commercial Solutions for Classified
- Vendors' assessments began Oct 18
- Utilizing Other Transaction Authority, two awards in FY18, ~\$120M





Guiding Principles

Other Transaction Authority = not a contract, flexible agreement, adjust as we go along

- **Best of Breed**
- **No Vendor Lock In**
- **Identify right Service Levels Agreements/Key Performance Indicators**
- **Re-scope & scale as required**
- **Dual Ops until operational ready, break nothing**

Main focus on User Experience

I n t e g r i t y - S e r v i c e - E x c e l l e n c e

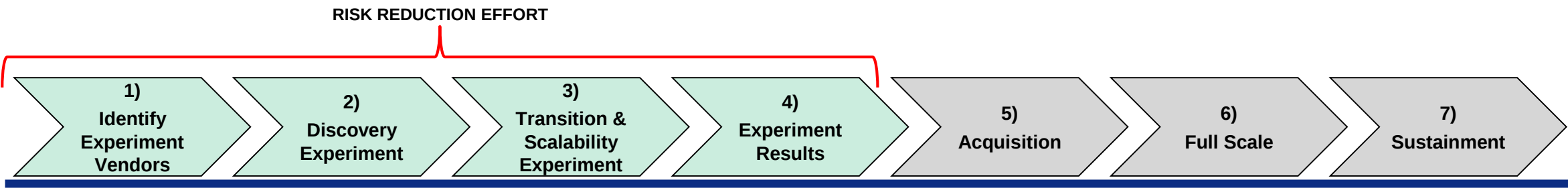


The EITaaS Risk Reduction Effort How & When

NOTIONAL
Sequence &
Schedule TBD

<u>Risk Reduction Effort Lines of Effort</u>	FY'18	FY'19
Services		
Network as a Service	Experimentation Setup	Execute Experiment
End User Services (EUD and ESD)		Experimentation Setup Execute Experiment
Compute & Store		Experimentation Setup Execute Experiment
EITaaS Program Strategic Development		

The results of the Risk Reduction Effort Experiments will inform Air Force Requirements and the Strategic EITaaS Acquisition Strategy



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EITaaS Capability Phases

- All capabilities within the scope of EITaaS will be managed through a series of Phases
- Each Phase represents a defined set of objectives, with associated management processes, playbooks, assets, etc.
- Phases 1-4 represent the Risk Reduction Effort
- Phases 5-7 represent full-rate production and sustainment

#	Phase	Objectives	Initial Duration Estimate
1	Identify Experiment Vendors	Identification and definition of need; acquisition of vendor services for experimentation	~4 Months
2	Discovery Experiment	Implementation of experiments / models / vendors / etc. and refinement (<i>utility determination - viability</i>)	~12-18 Months
3	Transition & Scalability Experiment	Initial scale of experiments (<i>utility determination - scalability</i>)	~12-24 Months
4	Experiment Results	Initial scale of experiments (<i>utility determination - scalability</i>), finalization of Acquisition Strategy	~3 Months
5	Acquisition	Transition of solution / capability to production and expansion to full target	Unknown
6	Full Scale	Transition of solution / capability to production and expansion to full target	
7	Sustainment	Long-term sustainment and continuous improvement of the solution / capability	

RISK REDUCTION



Next Up

- **Execute**: Risk Reduction Effort, deliver IT services via commercial providers
- **Learn**: Identify best practices, C2/security models, costs, IT delivery methodology, CS-I impacts
- **Organize**: FMO FOC, relationship managers at MAJCOMs
- **Resource**: POM in works, identify offsets in current systems
- **Govern**: Bolster EIT Governance structure as decision making forum
- **Production**: Implement across the AF and normalize



Questions?

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