Headquarters U.S. Air Force

Integrity - Service - Excellence

The Power of Data

AFITC Conference

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Data for the Future

“The advantage in today’s competition will go not to those who create the best technologies, but to the ones who can integrate and adapt faster than the adversary.”

Honorable Secretary Heather Wilson, United States Air Force

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AF Data Vision

The Air Force is a data-driven organization – one that purposely collects, creates, shares and acts upon quality, authoritative data in and across mission areas and domains -- empowering Airmen and the machines they rely upon with timely access to the data needed to enable advanced analytics, and accelerate decisive action.

Guiding Principles

- ***Collective Data Ownership***
- ***Maximize Data Collection & Sharing***
- ***Enterprise-wide Data Access and Availability***
- ***Data Fit for Purpose***

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Data is a "Strategic Asset"

Lacking a Strategic Approach to Data, Data Cannot Be Leveraged as a Strategic Asset.

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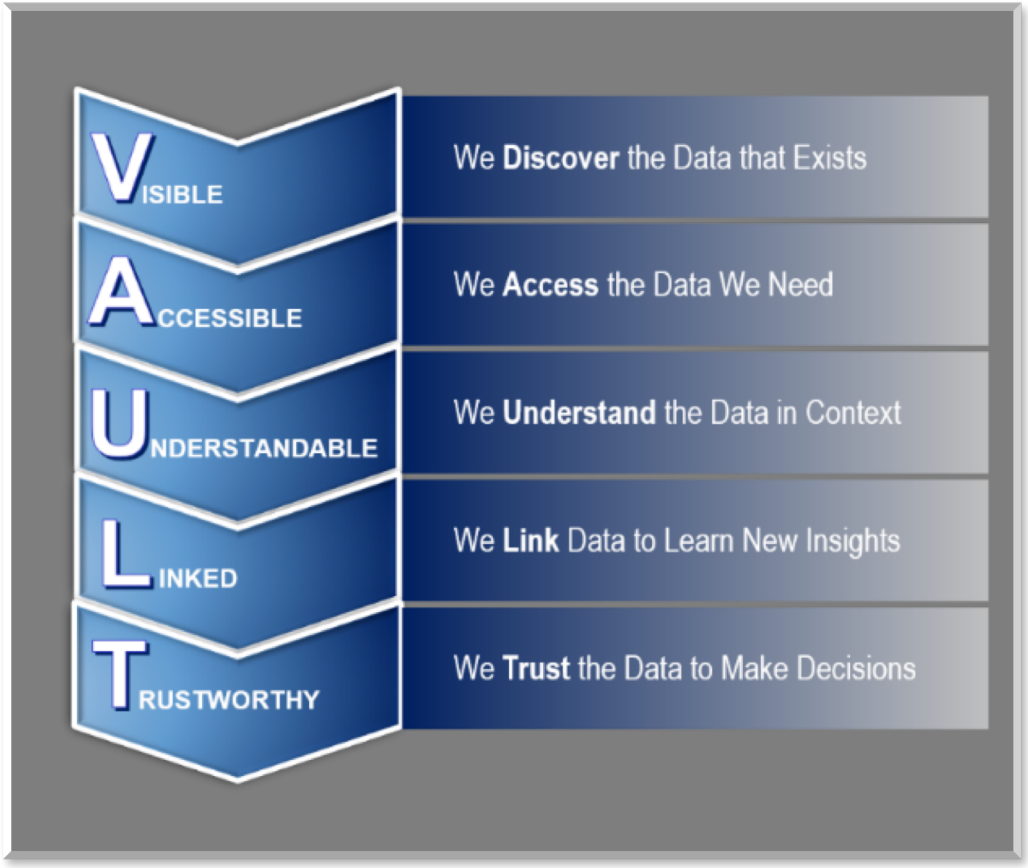
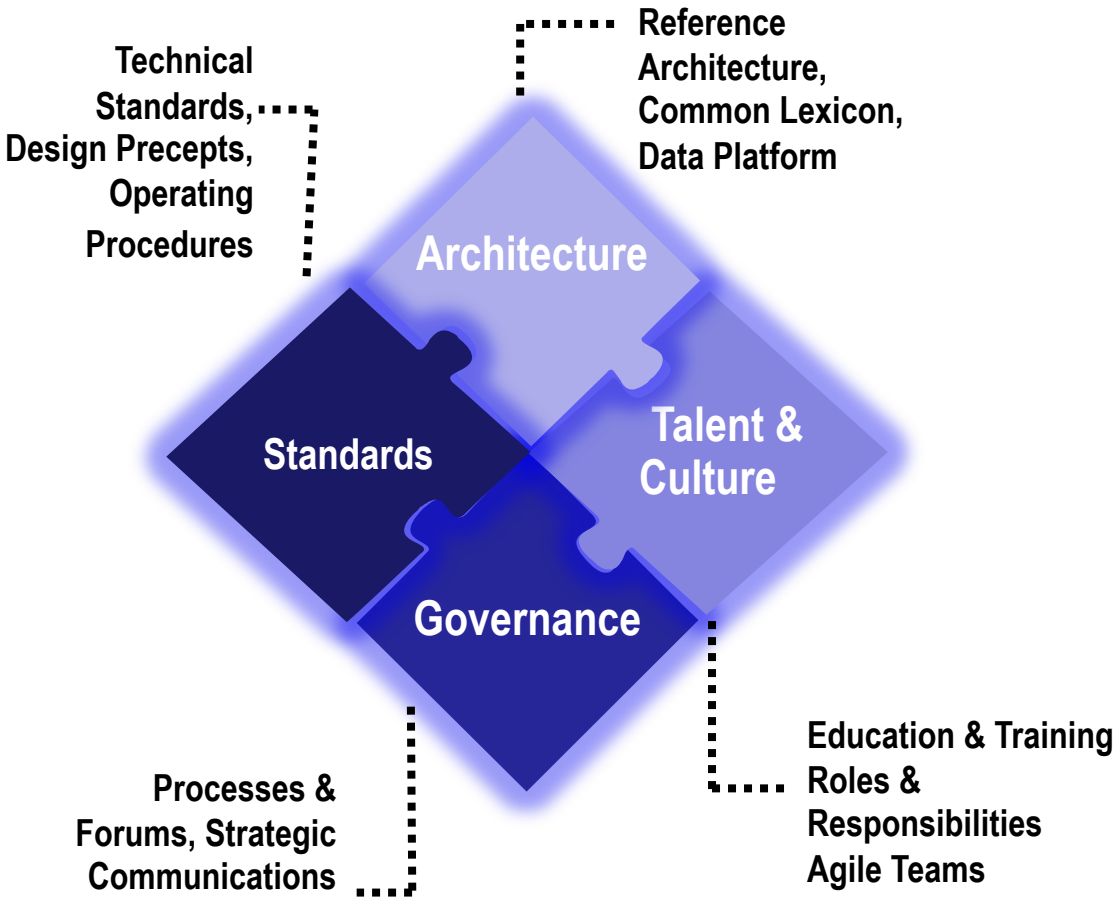
Air Force Data Goals

- **Ensure the Air Force can leverage data as a strategic asset in every facet of military operations and support functions**
- **Enable and empower Airmen to use data as a critical strategic asset when and where it is needed to accelerate informed decisions at speed and scale**
- **Transform the Air Force to a data-driven organization**



AF Strategy & CONOPs



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FY19 – Operationalizing the Vision

- **Architecture:** Define a data services reference architecture
  - Data Services Reference Architecture
  - AF Data Platform
  - Enterprise Information Model
- **Standards:** Set standards for the effective sharing and use of data
  - AF Data Policy
  - AF Data Lexicon
  - Standard Data Playbooks
- **Governance:** Establish effective governance
  - Data Governance Forums
  - Clarify and codify roles/responsibilities
  - Institutionalize metrics program
- **Talent:** Define and implement a talent management plan
  - Teaming agreements
  - Training and education
  - Coordinated planning

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CDO Partners/Liaison Officers

CDO assigns Liaison Officers across the Air Force to promote collaboration and align data priorities.

Hanscom C31
Infrastructure Division

Questions?