Headquarters U.S. Air Force

Integrity - Service - Excellence

US Air Force Engineering Enterprise

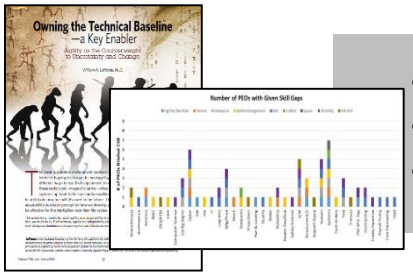
An Update to the NDIA SE Conference

Col Laird Abbott
SAF/AQR

Air Force Engineering Enterprise
Cross Cutting Strategic Direction

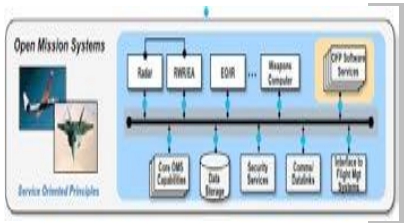
Key Leadership Focus Areas

Own Technical Baseline



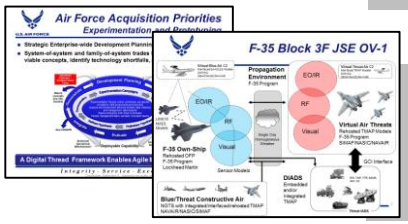
- Regain Gov't Control of Pgms
- Informed Decision Making
- Skill-gap Identify/Mitigate

Open Systems



- Industry Consensus Tech Solutions
- Open Key-Interfaces
- Service Oriented Architectures
- Common Messaging Language

Modeling & Simulation



- Joint Simulation Environment
- Inventory M&S + Develop Regmts
- Enable Experimentation/Prototyping

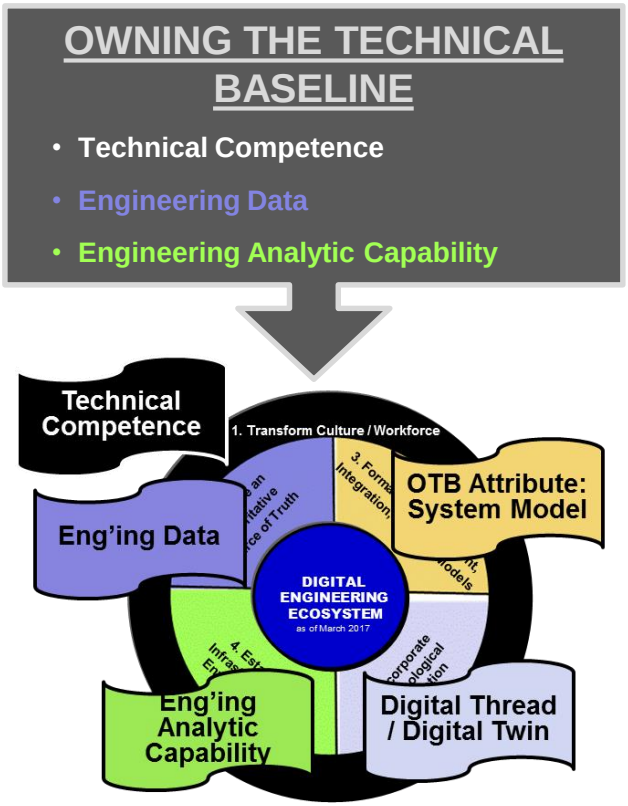
Cyber

- Cyber Campaign Plan
- Cyber Workforce
- Risk Id & Management
- Process & Policy Dev

The AF EE Challenge Problem

Digital Engineering

- Given complexity, uncertainty and the lack of agility have diminished Air Force Acquisition's ability to meet mission needs
- How do we establish an all digital authoritative source of life cycle technical data for every weapon system
- In order to deliver more capability more rapidly then ever before



Digital Engineering ≈

Owning the Technical Baseline DIGITALLY

The End