



AFLCMC... Providing the Warfighter's Edge



Agile Combat Support Overview

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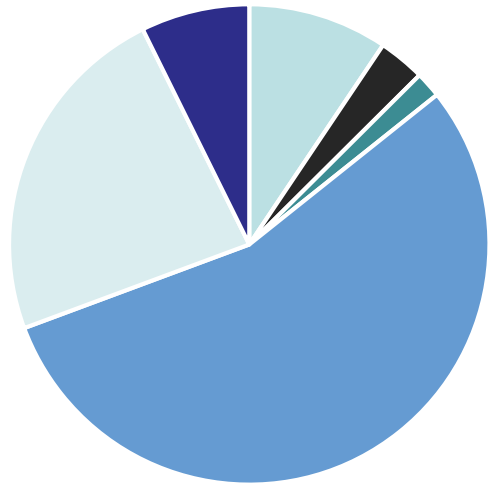


Agile Combat Support Directorate



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287 programs



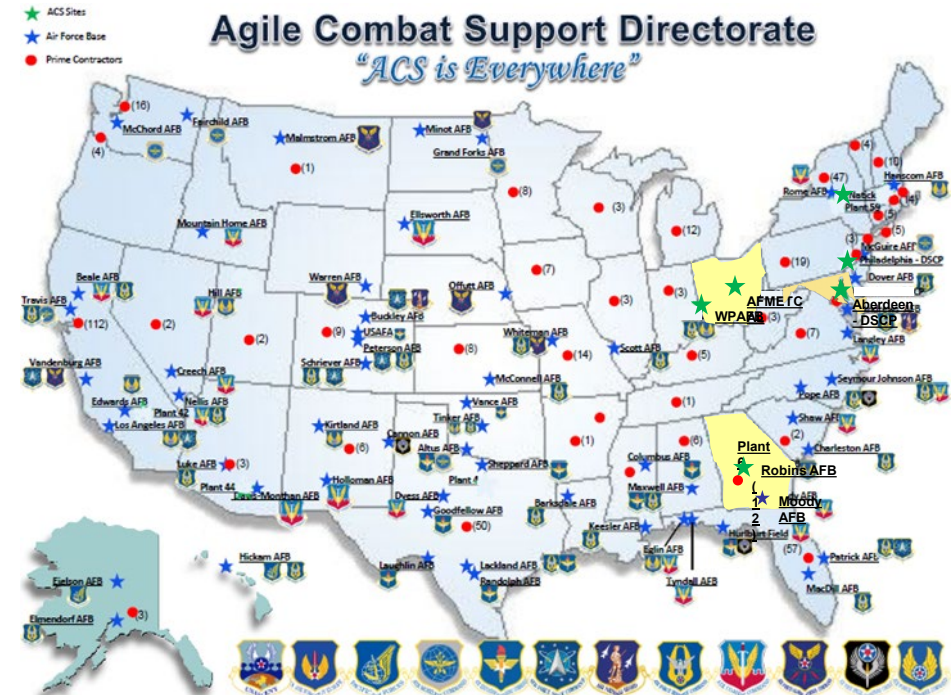
- 27 - Acquisition Master List
- 9 - Developmental (non-ACAT)
- 5 - Middle Tier Acquisition
- 158 - Sustainment
- 67 - Foreign Military Sales
- 21 - Support

\$7.25B
active year funds

1,600+ people

Provides:

- Human Systems
- Electronic Warfare & Avionics
- Simulators
- Automatic Test Systems
- AFMETCAL
- Support Equipment & Vehicles





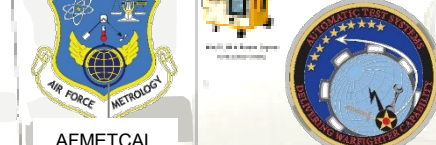
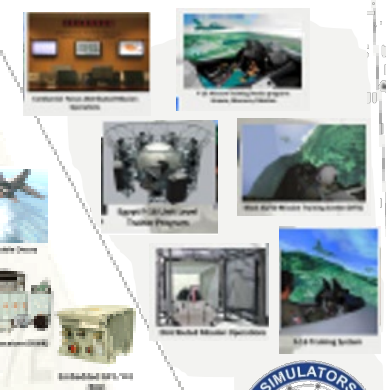
ACS Impact

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Agile Combat Support

Every Airman... Every Mission... Every Day



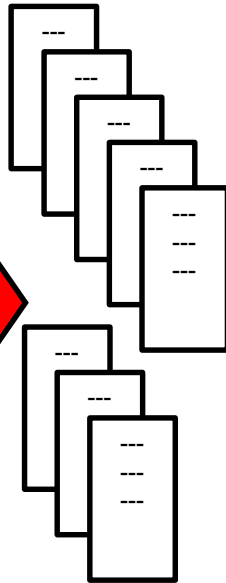
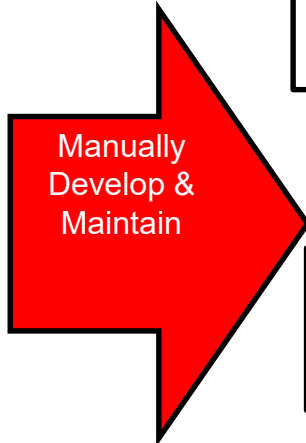


Digital Transformation

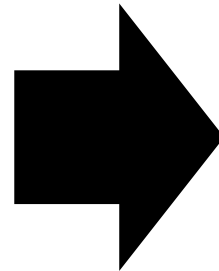
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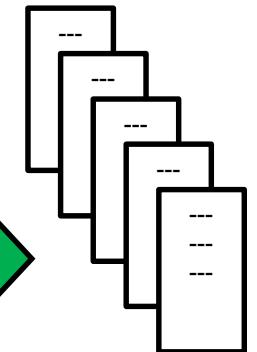
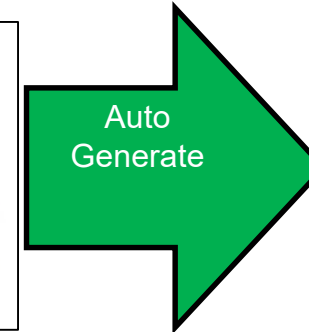
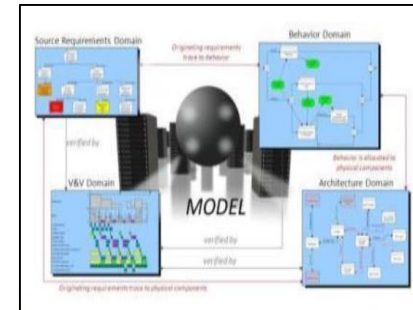
Document Based Systems Engineering (DBSE)



Digital Engineering Transformation



Model Based Systems Engineering (MBSE)





Digital Transformation Activities



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- **145 programs in ACS have digital initiatives underway**
- **6 Major Pilot Pathfinder Programs ID'ed and roadmapped across our 6 divisions, including**
 - **PNT**
 - **Automatic Test**
 - **Training Systems**
 - **Ejection Seats**
 - **Jammers**
 - **RF microwave**
- **Robust 3D scan/print capabilities**
- **Artificial Intelligence**

Simulators Division

- SCARS
- Lightweight Sims Ecosystem
- Remote Sim Instructor
- Simulators Logistics Product Support
- B52 TS

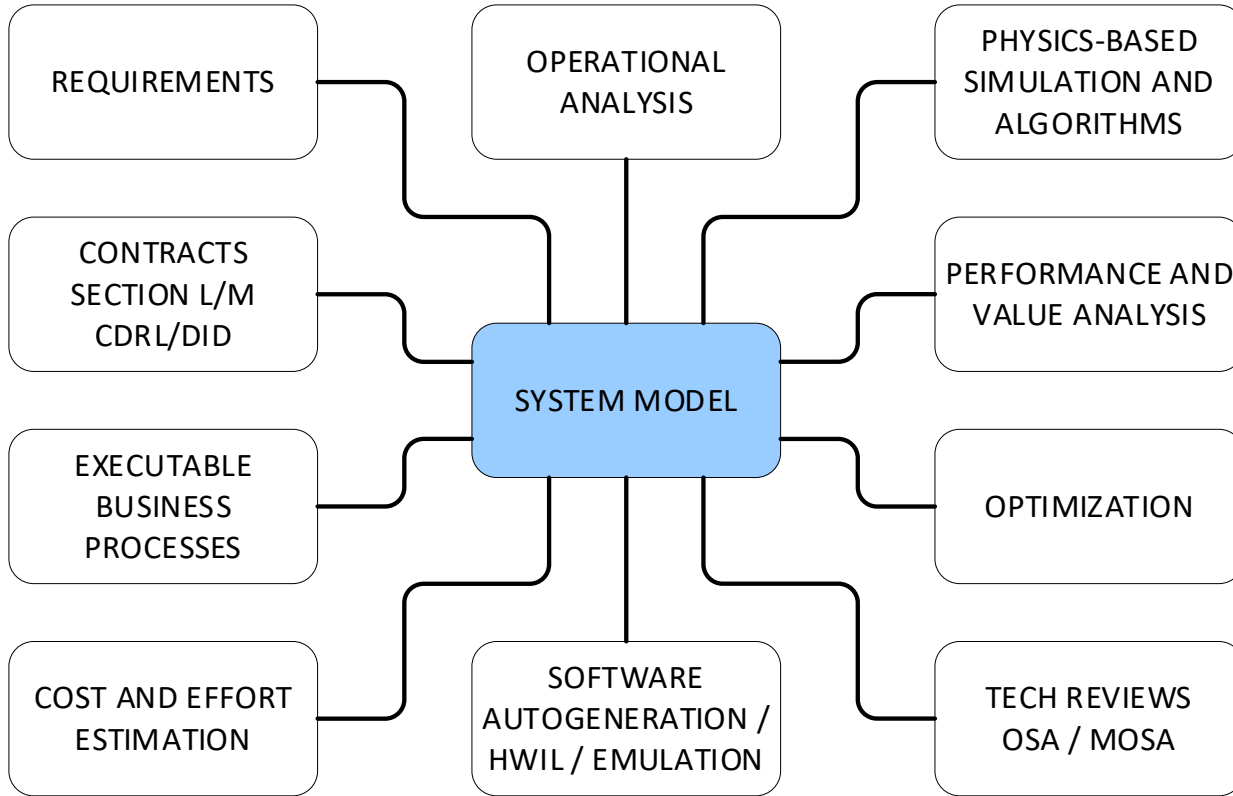


WNS Digital Transformation Activities



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SCARS

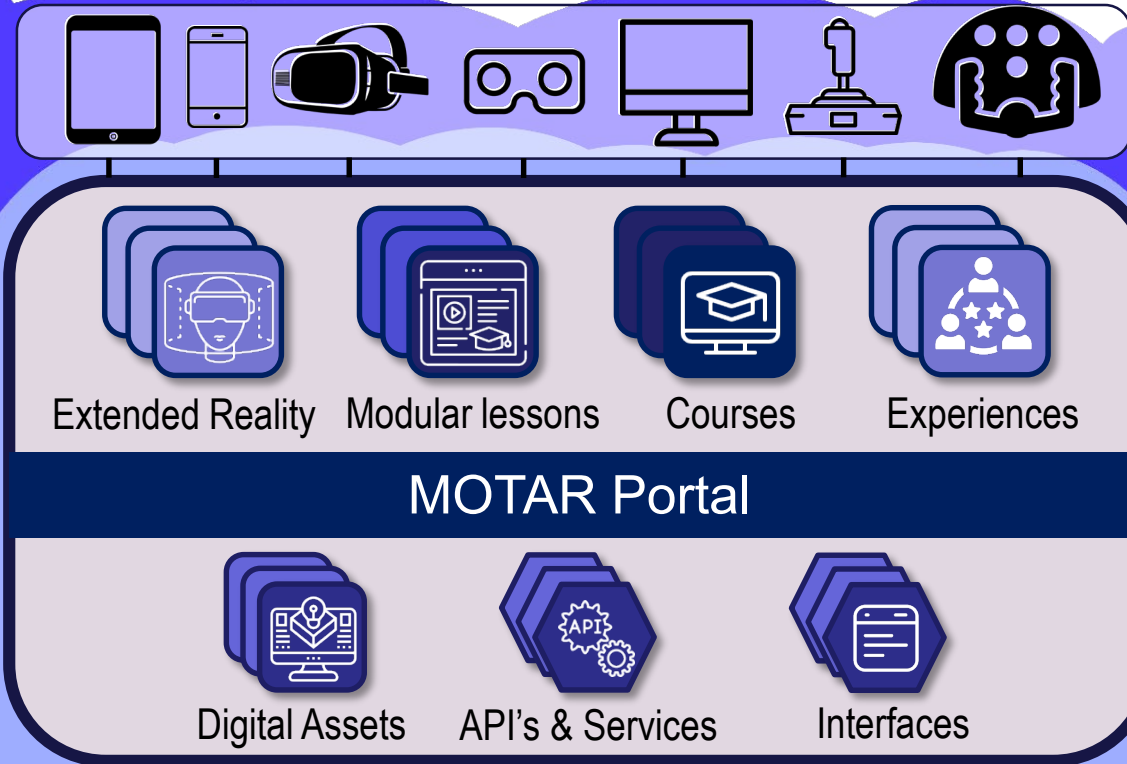




Lightweight Sim Ecosystem as MOTAR



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MOTAR Ecosystem

MOTAR Platform



Cybersecurity

Services

SKDs/API: IOS, Unity, ...

Software Factory

Developers



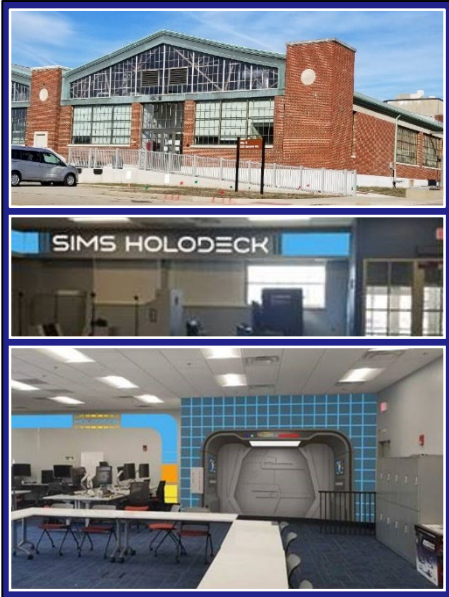
Simulators Outreach



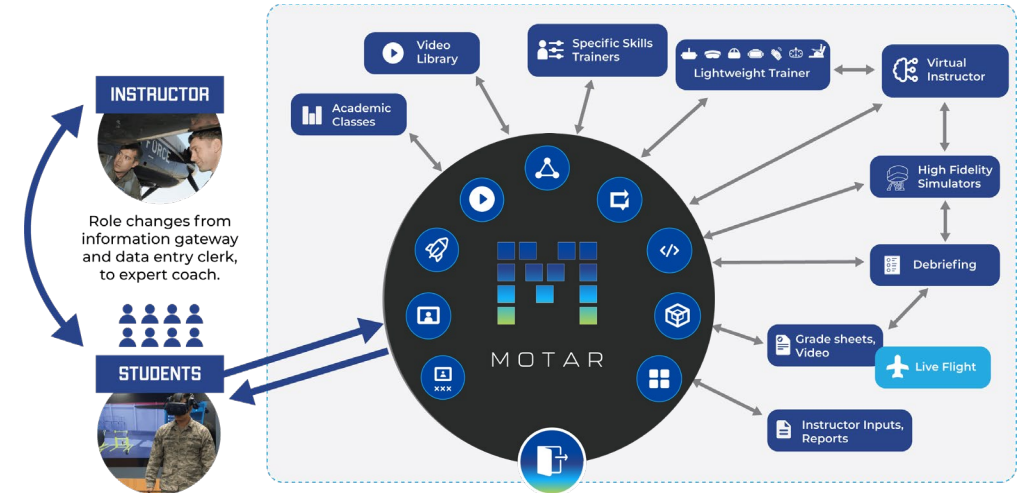
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WPAFB SIMS Holodeck

- Demonstration and Laboratory Space to Explore, Innovate, and Prototype the next Training Simulators Technology
- Hands-on space to engage with Industry and supports all MAJCOM IPTs



LSE/MOTAR Ecosystem - Training Delivery



SBIR & Innovation Projects

- Experiential Air Refueling Lightweight Sim (EARL)
- AWAKE – CFD Air Wake Modeling
- Virtual Reality Procedures Trainers
- Partnering with AETC/DET 23 for XR Authoring Tools
- Virtualized OFP for Modular Simulator architecture
- Text & Speech / Crew Management Training



Innovation Match Game

- I/ITSEC 2022 PR event to match innovative technologies with training improvement request from a MAJCOM training Unit
- Set up like the show *House Hunters*
- Showcases training technologies ready for transition, prototype to deployment





Summary

AFLCMC... Providing the Warfighter's Edge



- **ACS is everywhere! Products and systems we manage are engrained in the *Airman* culture**
 - Accelerate Change or Lose!
- **Moving to a *Digital Enterprise* is an imperative to stay relevant**
- **Lightweight Sims Ecosystem will enable multiple partnership opportunities**
- **We look forward to seeing you at I/ITSEC 2022**



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