OVERALL CLASSIFICATION FOR THIS BRIEFING IS UNCLASSIFIED

Delivering Cyber Capabilities

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AFLCMC/HNC
Senior Materiel Leader

Cyber Acquisition

Enabled by Culture of Change and Collaboration

Speed of Delivery & Fielding

Operator – Acquirer Partnership
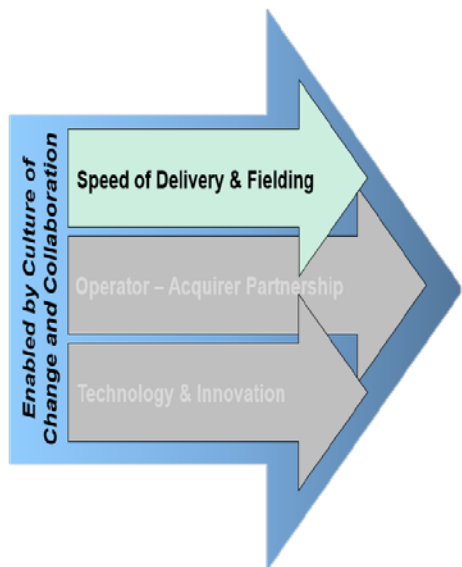
Technology & Innovation

Operationally Relevant Cyber Capabilities

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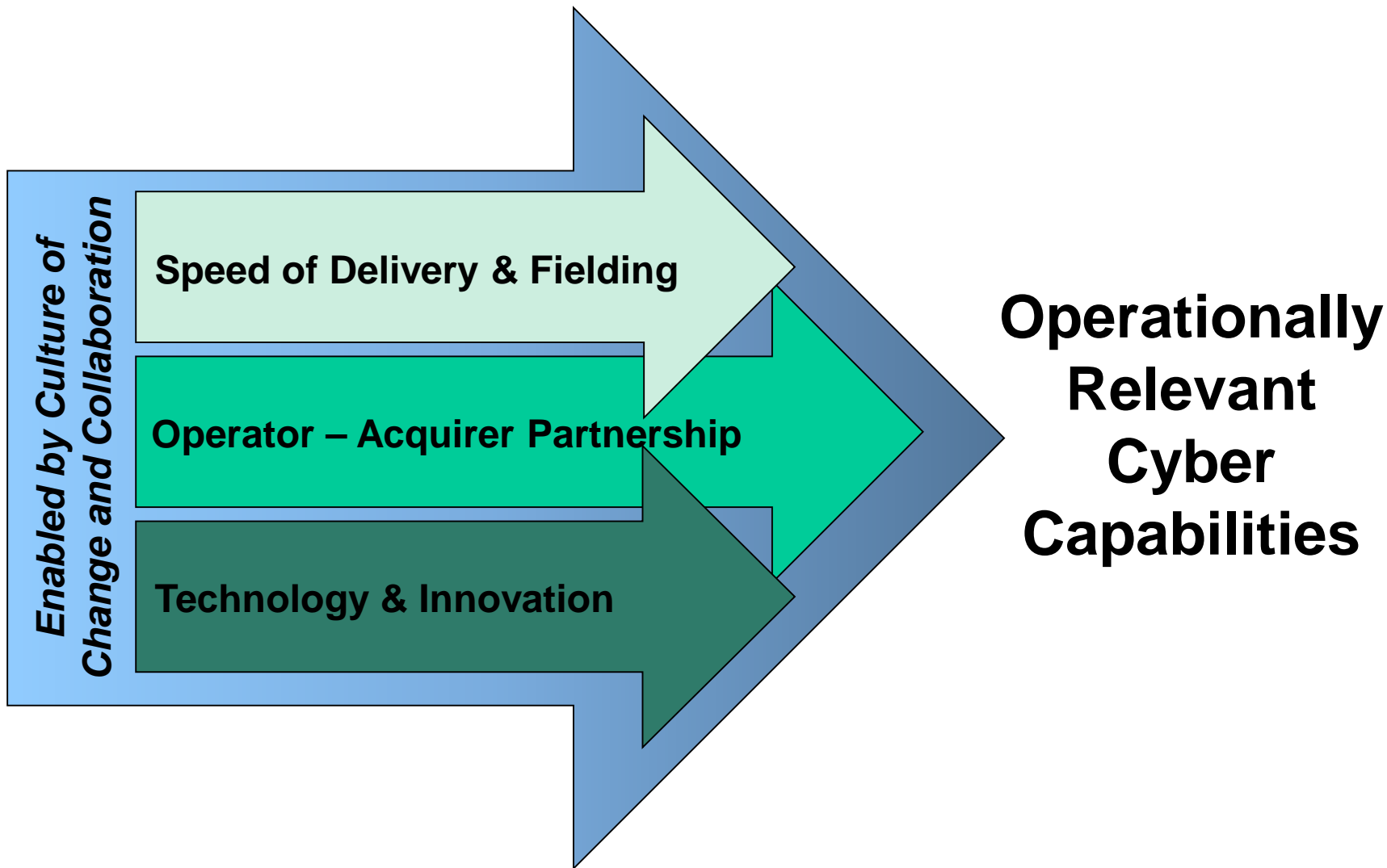
Speed Of Delivery & Fielding

- **Streamlined processes and oversight**
  - **NDAA Section 804 – Rapid Prototyping**
  - **NDAA Section 874 – Agile Pilot Programs**

- **Agile development**
  - **Scaled Agile Framework (SAFe) being implemented for Unified Platform and JCC2**

- **Broad contracting strategy – multiple tools to reach innovators & developers**
  - **IDIQs**
  - **GWACs**
  - **OTAs**
  - **Whatever is needed**

- **Pushing the envelope on testing**
  - **Integration of ops testing into agile processes**
  - **Automated Testing**

Speed of Delivery & Fielding

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Section 804

- **Provides great potential for accelerating acquisition timelines beyond historic norms**

- **Tailored documents, reviews, processes, and assessments (leeway from DoDD 5000.01/5000.02)**

    - **Tailored metrics to track progress in lieu of cumbersome oversight reviews**

    - **"…tailored decision reviews should double as opportunities to update stakeholder communities. It takes a team to go fast."** *(Air Force Guidance Memorandum for Rapid Acquisition Activities)*

- **UP MDA mandates extreme transparency while "fervently" pursuing speed through streamlining**

- **Able to deliver capability immediately**

"Be dismissive of things that don't matter but very disciplined on things that do."
Dr. William Roper, Assistant Secretary of the Air Force (Acquisition, Technology and Logistics)

Operator – Acquirer Partnership
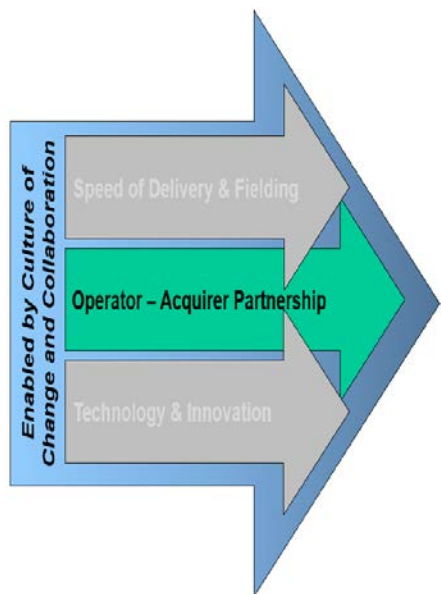
- **Operator/Acquirer partnership between AFLCMC/HN and 24AF developed over 5 years**
- **Close coordination with operational organizations**
  - **24th Air Force**
  - **Cyber Proving Ground**
  - **90 COG**
  - **USCYBERCOM Capabilities Development Group (CDG)**
- **Agile processes applying dev/ops**
- **Close coordination of accepting operational and acquisition risks**

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Technology & Innovation

- **Multiple Other Transaction Authority opportunities**
- **Cyber Proving Ground**
- **Leveraging other innovation / technology focus organizations**
  - **Defense Innovation Unit**
  - **Defense Digital Service**
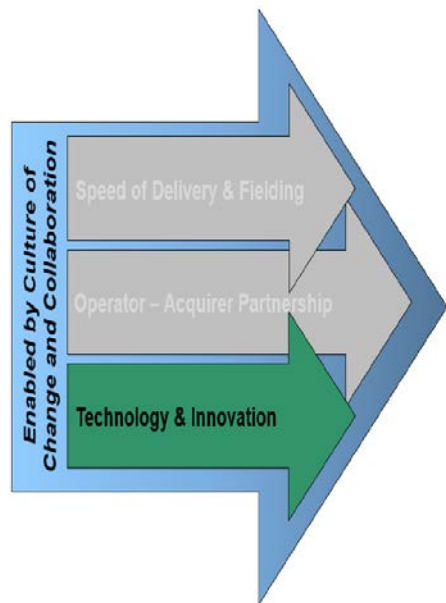
Collaboration Among Providers

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AFLCMC/HNC	• Acquisition authorities, processes, tools, and life cycle support • Existing program management, engineering, contracting workforce • Current cyber mission – life cycle support to cyber weapon systems
90 Cyber Operations Squadron	• Operational expertise • Deep technical expertise • Dev/Ops capabilities
Cyber Capabilities Support Office (CCSO)	• Rapid development experience • Ties to Intelligence Community • Washington DC presence
Cyber Proving Ground (CPG)	• Operational experience • Existing partnership with HNC • Focus on Innovation
Others	• Flexible approach • Internal and external relationships

Innovation

Foundational Acquisition

Dev Ops

Fielded Cyber Capabilities
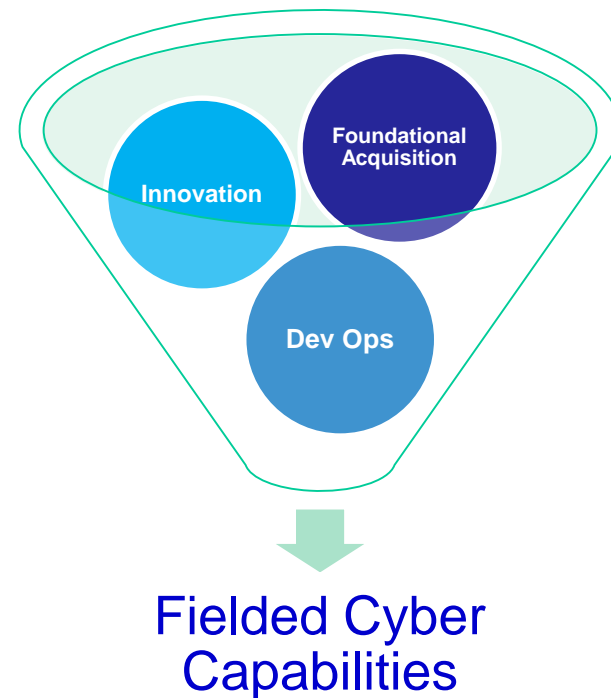
Success Factors

- **Culture that understands operational imperatives**

- **Ability to move through or around bureaucracy**

- **Close coordination of accepting operational and acquisition risks**

- **Operator/Acquirer close partnership**

- **Flexible funding**

- **Right people**

Questions