# Headquarters U.S. Air Force

*Integrity - Service - Excellence*

# The New Normal: Cybersecurity

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# CISO Mission Statement

***Transform the Air Force from reactive to proactive cybersecurity through policy, processes, and strategic communications…and Cyber Secure Airmen***

**Cybersecurity is all about teamwork when you have a large worldwide network!**

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# Moving to Stronger Cyber Risk Management

**Compliance Based**

Risk determination based on checklist

**Change the Mindset & Approach**

**Threat Based**

Risk determination based threat, vulnerability, & likelihood

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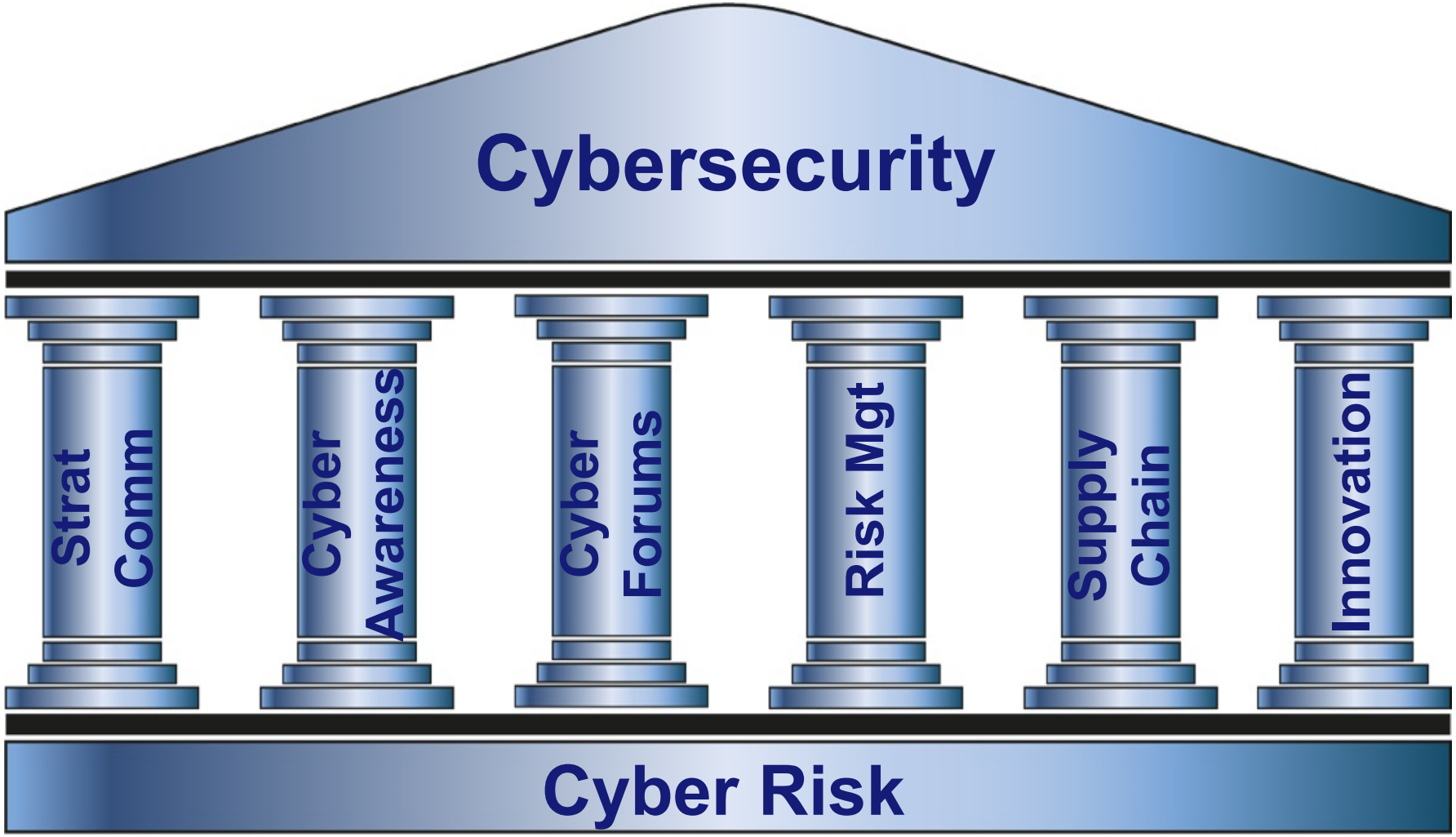
# CISO Focus Areas



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# Successes & Challenges

## Successes

- Tanium Implementation
  - AFNET (~704K) / AFNET-S (~7K)
  - PMO (~50K)
  - ITAM asset management pilot
- DoD Cybersecurity Scorecard
  - PU/DMZ
  - Win10 (non-office IT)
- Hack the USAF
  - Global participants
  - Model for functional efforts
- Cyber Awareness
  - 2017 Culture Tour
  - Privacy Day
  - PIICH Storyboard Contest
  - DISA cyber awareness training (retool)
- Secure Dev Ops (Kessel Run)
- NDAA 1647 assessment support
- USAF SCRM Working Group

## Challenges

- Risk Management Framework (RMF) Implementation
- Cyber Hygiene for Control Systems & Platform IT
- Incorporating cybersecurity early in the Acquisition Life Cycle
- Aligning efforts to meet Federal and DoD policy and guidance
- Sharing threat data
- Oversight of Enterprise risks
- Cybersecurity funding

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# Major Initiatives

- Cybersecurity Strategic Communications
- Cyber Awareness
  - Phishing Pilot
  - PII Cyber Hygiene Storyboard Contest
- Risk Executive Function
  - Cyber decision discussion that weigh risks and mission impact
- RMF Implementation
  - Improve today's RMF and making it work
- RMF Next
  - Initiatives and experiments that will replace our current way of implementing RMF with something better
- Supply Chain Risk Management
  - Codify USAF specific process/roles & responsibilities
  - Contract language
  - Defense Industrial Base
- Crypto Modernization
- Innovation
  - Accelerated & streamlined approach to assess/mitigate risks
    - Cyber Hygiene assessment + monitoring capability + penetration testing
    - Specific functional requirements (ex: FM: FISCAM)

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# Questions

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