United States Cyber Command

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The overall classification of this briefing is:
UNCLASSIFIED
Corporate Partnerships

What do we need?
Where do we get it?
How do we get it?

CUSTOMER?
What’s New?

- Elevation to Unified Combatant Command
- New Acquisition Authorities
- Build Military Cyber Operations Platform
- Reserves and National Guard Partnerships
### Examples of CYBERCOM Mission Needs

#### Foundational Tools

- Cyber maneuver tool sets or exploits
- Signature diversity technology (e.g. polymorphic code)
- Tool testing techniques (pen-testing)
- Cyber Autonomy to advance speed and scale

#### Split-Based OPS Technology

- Tools for integration into deployable kits/systems
- Rapidly deployable sensors that include:
  - Innovative remote C2 technology
  - Undetectable/low signature network presence

#### Analytic Tools

- Behavioral Analytics, Machine Learning, Artificial Intelligence & Cognitive Intuition to discover malicious or anomalous activity

#### Unconventional Access Tools

- Tools to gain cyberspace operational access
U.S. Cyber Command

USCYBERCOM plans, coordinates, integrates, synchronizes and conducts activities to: **direct the operations and defense of specified Department of Defense information networks** and; prepare to, and when directed, **conduct full spectrum military cyberspace operations**

- **Defend the Nation Against Strategic Cyber Attack**
- **Operate in and Defend DoD Information Networks (DoDIN)**
- **Combatant Command Support**

**OFFENSIVE CYBER OPERATIONS**

- **DoDIN OPERATIONS**

**DEFENSIVE CYBER OPERATIONS**

- **Cyber National Mission Forces**
- **DISA and “Services” Cyber Protection Forces**
- **Cyber Combat Mission Forces**
dreamport
where innovation comes to life
Dreamport
Dreamport?

- State-of-the-art Cyber Prototyping and Collaboration
- Managed by MISI: Maryland Innovation and Security Institute
- Testing, Integration & Fabrication Labs
- Cyber Ranges and Test Networks
- Ad-hoc Demonstration Center
Dreamport Objectives

• Hub of Collaboration and innovation
• Technology sharing/development to support technology transitions.
• Identification of promising tech to fulfill USCYBERCOM mission needs.
• Development of an ecosystem of collaborative problem-solving partners.
• Host challenge events that inspire technically innovative problem solving.
• Rapid acquisition
Rapid Prototyping Events (RPEs)

The Chameleon and the Snake
A Rapid Prototyping Event
September 10 - 14 / Columbia MD

OFFENSE WINNER: DRAPER
DEFENSE WINNER: NORTHROP GRUMMAN
HONORABLE MENTION (DEFENSE): CROWDSTRIKE
Reserves and National Guard Partnerships
Reserves and National Guard Partnerships

• Joint Capabilities Development

• Cyber Capability Solutions and Analysis

• Technologies, Capabilities and Knowledge Sharing
What do we need?
Engage-with-Cybercom@Cybercom.mil
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Discussion