
16TH AIR FORCE



DAFITC:
AFCYBER posture for GPC

Lt Gen Hensley
Commander

This briefing is:
Unclassified

16th Air Force at a Glance



IW, GISR, WEATHER & EXPEDITIONARY
COMMS FOR AIR COMPONENTS

IW
OPS

INFO WARFARE
AS A CYBER
COMPONENT



616TH OPERATIONS CENTER
CONVERGENCE & SYNCHRONIZATION



AFTAC



70 ISRW



363 ISRW



480 ISRW



9 RW



319 RW



55 WG



557 WW



67 CW



688 CW



102 ISRW



181 ISRW



184 ISRW



655 ISRW



960 CW

GLOBAL WEATHER

WARFIGHTER COMMUNICATIONS

GLOBALLY INTEGRATED ISR

OPERATIONS IN THE INFORMATION ENVIRONMENT

EMSO, CYBER OPS, INFO OPS, PUBLIC AFFAIRS

16th Air Force Responsibilities

Service Cryptologic Component (SCC)

Service lead for cryptologic activities for the Air Force



Defense Intelligence Component (DIC)

Designate 16 AF units to include in DIC; intel oversight for AF intel missions



Component – Numbered Air Force (C-NAF)

Present forces – intelligence, reconnaissance, targeting, cyber, IO, EW, weather



Air Force Information Network (AFIN) Ops Commander

Operate & defend the AFIN / execute DODIN ops & defensive cyber missions



Air Forces Cyber (AFCYBER)

COMAFFOR for Air Force forces presented to USCYBERCOM



Joint Force Headquarters – Cyber (Air Force) / JFHQ-C(AF)

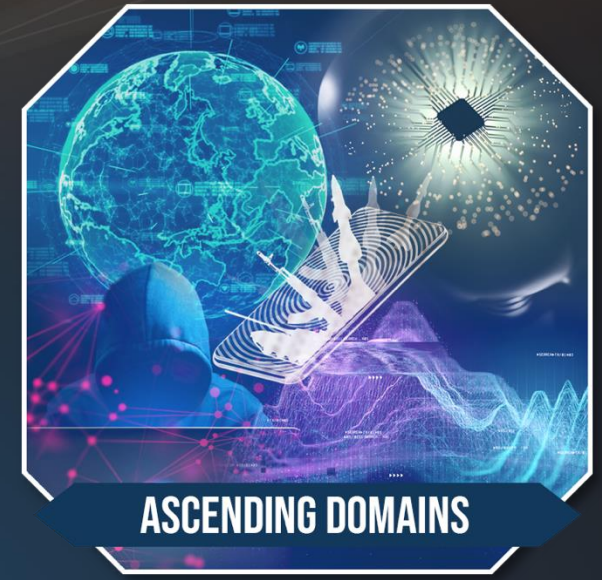
OPCON & C2 of joint forces assigned by USCYBERCOM



Unique Authorities Providing Access to Global Data



Current Strategic Environment



IF NOT US, WHO? IF NOT NOW, WHEN?

The will to win requires the will to prepare to win



Context: Strategic Cyber Threat Environment





Air Force Information Network

Maintain & sustain core services supporting 1.08M users & 865k+ endpoints / 2.5M alerts per day



DODIN

AFIN

WPN
SYS

C2
SYS

ACQ /
Test

CORE SERVICES

AFNET

Users: 1.08M
Endpoints: 865k+
Locations: 150

AFNET-S

Users: 200k
Endpoints: 60k
Locations: 13

AF JWICS

Users: 30.2k
Endpoints: 24k
Locations: 126

SAP IT

Users: MASKED
Endpoints: MASKED
Locations: MASKED

ICS
SCADA

Logistics

Functional

EXPEDITIONARY
COMMUNICATIONS

COMMERCIAL
INTERNET

USAF 5 Core Functions

Air Superiority

Global Strike



Intelligence, Surveillance & Reconnaissance

Rapid Global Mobility



Command & Control

The clock is ticking... the time is NOW – we must elevate



Phoenix Initiative

Drive Modernization

Strengthen Resilience

Increase Combat Effectiveness

Innovation

Grow Readiness

Talent Recruitment

Mature Information Warfare

Global Research & Development



Academic Institutions



Industry



Government S&T / R&D

World-class innovators compete now!

