



AIR COMBAT COMMAND

PEOPLE FIRST - MISSION ALWAYS

CYBERSPACE DEFENSE ANALYSIS

Current as of January 31, 2023

MISSION

The Cyberspace Defense Analysis (CDA) weapon system provides operational effects designed to protect and defend critical Air Force data at the nexus of adversarial threats, Air Force priorities and key missions, and user behavior on Air Force networks.

CDA conducts operations in concert with Air Force Cyberspace Defense, Air Force Intranet Control, Cyberspace Vulnerability Assessment/Hunter, Cyberspace Command and Control Mission System, and Cyberspace Security and Control System weapon systems. CDA conducts defensive cyberspace operations by monitoring, collecting, analyzing, and reporting on sensitive information released from friendly unclassified systems, such as computer networks, radio frequencies, and email. CDA is vital to identifying operations security disclosures and is the primary system assigned to provide operations security, communications security, and unintentional and intentional insider threat monitoring for all Air Force operations, missions and functions; focusing on data loss prevention and information damage assessments.

CDA is operated by the 33d Cyberspace Operations Squadron (Active Duty), 426 Network Warfare Squadron (NWS) and 50NWS (Air Force Reserve), at Joint Base San Antonio-Lackland, Texas, as well as the 52nd NWS (Air Force Reserve) at Offutt Air Force Base, Neb.

BACKGROUND

This weapon system evolved from operational security (OPSEC) programs designed to identify vulnerabilities for commanders in the field. It was officially designated by Chief of Staff of the Air Force in March 2013.

FEATURES

CDA is designed to monitor, collect, analyze and report information transmitted via unsecure telecommunications systems to determine whether sensitive or classified information is being transmitted. Compromises are reported to field commanders, OPSEC monitors or others to determine potential impacts and operational adjustments.

Characteristics

Primary Function: Support OPSEC and conduct defensive cyberspace operations by assessing unsecure Air Force communications.

Crew Positions: Cyberspace Operations Controller and Cyberspace Defense Analysis (CDA) Analyst. Multiple crews are on duty at any time. All mission crews are supported by mission support personnel to include the Cyberspace Mission Supervisor.

Major Command: Air Combat Command, Joint Base Langley-Eustis, Virginia

Numbered Air Force: 16th Air Force, Joint Base San Antonio-Lackland, Texas

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