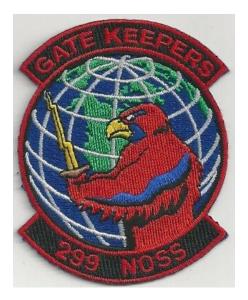# 299ᵗʰ NETWORK OPERATIONS SECURITY SQUADRON

MISSION
The 299th Network Operations Security Squadron serves as the gatekeeper to the entire Air Force computer network. It's one of three organizations of its kind in the Air Force, and the only one in the Air National Guard. The squadron employs equipment such as routers, switches and servers to provide intricate layers of cyber protection throughout the whole Air Force enterprise.

Mission: Operate and defend the Air National Guard Enterprise Network
 Provided 24/7 Secure Internet Protocol Router Network (SIPRnet) e-mail support to over 12,000 accounts including all ANG Intelligence Groups and Predator Groups.
 Successfully completed a full-scale planned disaster recovery operation for more than 55,000 ANG users
 Deployed Host-Based Security System to the entire ANG SIPRNet.
 Deployed 126 SIPRnet Intrusion Detection and Prevention Systems across the ANG.

High tech operations providing real-time network security to 106,000 Air National Guard users at 300 locations. Manages network defense; generates an enterprise situational awareness picture; manages network configuration; provides information assurance for all ANG networks. Serves as the network helpdesk for application and system issues throughout the entire ANG enterprise.

The 299th Network Operations and Security Center (NOSC) provides Internet security for over 300 sites servicing 106,000 National Guard personnel, the largest worldwide user population of any Air Force Network Segment.

The NOSC is the upper mid level organization of a four tier structure which includes the base level Network Control Centers (NCC) at the bottom and the Air Force Network Operations and

Security Center (AFNOSC) at the top. The NOSC performs ANG enterprise management, delivers information assurance, and provides commanders real-time situational awareness of the network status.

The NOSC provides monitoring, detection, and protection of the Air National Guard network from internal and external threats. Implements, tracks, documents, and ensures compliance with AFNOSC and MAJCOM directed Technical Compliance Network Order (TCNO) initiatives. Manages the enterprise Internet Protocol (IP) address space and Domain Name Service (DNS) capability of all ANG units. Serve as the technical engineering resources for planning, analysis, evaluation, and implementation of new base network equipment, computer systems, and software for the Air National Guard. Serves as the enterprise help desk for application and system issues throughout the enterprise. Operates continuously 24/7/365.

As the central point of access for the entire Air National Guard to the Air Force Network and the Internet, the vast volume of data traffic must be continually monitored, routed, and protected. The critical nature of the data which exists on the ANG enterprise network directly affects the ability of the Guard to meet its mission. Aircraft may not launch, missed in-flight refuelings may occur, and the overall ability of each ANG unit may be degraded to the point of shutdown if the NOSC fails to fulfill it's mission of keeping data flowing to and from the place it needs to go. More than ever, commanders rely on real-time information for critical decision making. The NOSC is charged with ensuring this information is available, accurate, and protected.

LINEAGE
299th Network Operations Security Squadron, 1 Oct 2002

STATIONS
McConnell AFB, KS

ASSIGNMENTS
184th Cyberspace Operations Group

COMMANDERS
LTC Glenn Zimmerman, 1 Oct 2002
LTC Ross W. Flynn, 15 Nov 2004

HONORS
Service Streamers

Campaign Streamers

Armed Forces Expeditionary Streamers

Decorations

EMBLEM

MOTTO

NICKNAME

OPERATIONS

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