

**Oversight Hearing of the
Assembly Veterans Affairs Committee**

California Military Department - Structure, Programs, and Strategic Initiatives.

Tuesday, February 24, 2015, 2:00 p.m.
State Capitol Room 126

- I. Introduction and Welcome
- II. California Military Department- Overview, Structure, Programs, and Strategic Initiatives
 - Brigadier General Matthew Beevers, Deputy Adjutant General
California Military Department
- III. California Military Department- Cyber Operations Strategy
 - Colonel Steven Butow, Vice Chief of Staff
California Military Department
- IV. Public comment

California Military Department

General Military Department Overview:

- The California Military Department (Department) is responsible for the command, leadership, and management of the California National Guard (Guard), the State Military Reserve (CSMR) and several Youth Programs. While Military Department troops are located in California the Governor is their Commander-in-Chief.
- The California National Guard is comprised of over 21,000 Soldiers and Airmen.
- More than 40,000 Soldiers and Airmen have deployed overseas since 9/11 to support the wars in Iraq and Afghanistan
- State support missions include: evacuations, fire & rescue; hazardous materials; law enforcement; public health & medical; resources; search & rescue; care and shelter; communications; construction & engineering; and transportation.
- The Department maintains over 100 National Guard Armories located in virtually every community throughout the State. Armories allow the National Guard to be a community-based organization because the Soldiers that drill at the armory once a month come from the surrounding community.

Recent Operations:

- 2013 Wildfire Season; flew 241 Air Missions, 224.7 flying hours and deployed 650 Soldiers.
- 2012 Wildfire Season; flew 256 aircraft missions, 250 flying hours.

Current Operations:

- Work for Warriors
 - This job placement program has put almost 4000 Soldiers and veterans back to work
- Behavioral Health Outreach Program
 - Provides immediate response to Soldiers in crisis and a links to county services
- Ready Forces
 - 100 personnel deployed within 6 hours to support CalOES during state emergencies
 - An additional 500 personnel deployed within 12 hours

- JTFDS-CD (Counter Drug)
 - Assists law enforcement agencies in the disruption and dismantling of illicit drug production and trafficking by Transnational Criminal Organizations, conducts demand reduction operations
- Homeland Defense
 - 144th Fighter Wing provides Air Superiority and Air Defense at home
 - Air Sovereignty Alert (ASA) Mission 24/7
- Innovative Readiness Team
 - Conducts engineer and medical operation through the state to rehabilitate critical infrastructure and provide healthcare to underserved communities

Youth Programs:

- California Cadet Corps – Similar to JROTC
- Grizzly/Sunburst Youth Academy – Military High School for at risk kids
- Oakland Military Institute – Military Charter School founded by Governor Brown
- STARBASE – Math and science program for qualified middle schools

Computer Network Defense Team (CNDT):

The Military Department's CNDT began as a pilot program with grant funding from the Speaker of the Assembly in 2013. Since then, the CNDT has developed a proven track record, having worked with a growing list of state agencies/organizations to improve agencies' network security and compliance with federal and state security standards.

"Hacktivists", nation states, cyber criminals, and other threat groups are attacking government networks to steal sensitive information and to make a political/economic statement. The California Department of Motor Vehicles, CalTrans, the University of California; have been hacked in the last year, not to mention the high-profile private entities such as Sony and Anthem.

The CNDT is capable of:

- Assessing and advising state agencies on how to improve network security;
- Responding when a state agency's network is attacked to mitigate damage and data loss.
- Filling a critical capability gap in the state government's ability to protect network infrastructure. The CNDT uses Department of Defense cyber security training and equipment to assist state agencies by assessing their networks and providing actionable recommendations, assistance, and services designed to improve overall cyber security compliance.

CNDT pre-incident network security support includes:

- Vulnerability and risk assessments,
- Integration of best practice analysis, and
- Development of risk mitigation strategies.

CNDT can also assist a state agency following a network attack:

- Assists agencies with risk analysis requirements to meet state cyber security guidelines
- Performs network mapping (wired and wireless) to detect rouge infrastructures and security vulnerabilities

- Provides best practice analysis and integration assistance regarding organizational security policies
- Conducts active directory and group policy analysis
- Allows for information sharing
- Conducts Network Security Training