

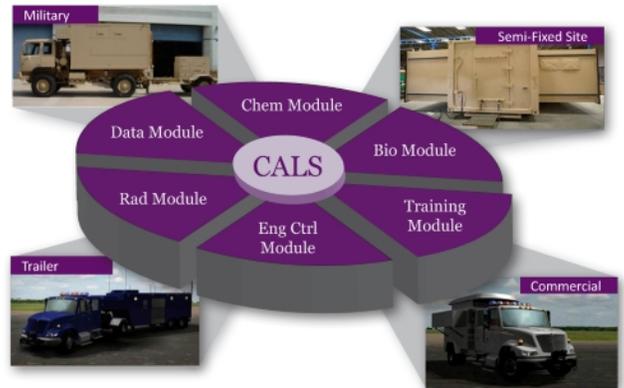


Common Analytical Laboratory System

CALS

Description

The Common Analytical Laboratory System (CALs) is a system of systems providing the capability for field confirmatory analytics to support multiple users and missions in both domestic and foreign operations. CALs will offer a modular design to consist of functional increments that provide the necessary array of analytical, diagnostic, and investigative capabilities. By increasing commonality throughout the user base, CALs will provide cost savings through standardized training, logistics and sustainment, while providing increased capabilities to the users. CALs analytical capability to detect and identify CBRNe agents and threats will assist field commanders to make more informed decision concerning risk management strategies regarding military forces and the public protection while minimizing the effects of the threat. CALs can be operated globally by qualified personnel and procedures with adequate sustainment trail of support.



Mission

To provide robust joint, mission-driven, analytical capabilities, in common Chemical, Biological, Radiological, Nuclear and explosives (CBRNe) modules.

Capabilities

- Modular / Scalable
- Transportable
- CBRNe Hazard Identification
- Standardized Analytical Processes
- Able to accept and prepare samples, analyze and report findings while safely handling and tracking materials.
- Standardized Training
- Engineering Controls
- Common Data / Communication Backbone
- Net-Centric
- Joint Interoperable
- Open Architecture / Plug 'n Play
- Data Archiving
- Reachback

Users

National Guard Bureau, Civil Support Teams, US Navy, US Marine Corps, US Army, US Air Force

Status

Technology Development - Anticipated Fielding: FY 2018 Q3

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