



**DEFENSE INFORMATION SYSTEMS AGENCY**  
The IT Combat Support Agency



# Secure Cloud Computing Architecture

A suite of enterprise-level cloud security and management services, SCCA provides a standard approach for boundary and application level security for Impact Level four and five data hosted in commercial cloud environments

## SCCA Features

- **Cloud Access Points:** provides connectivity to approved cloud providers and protects DOD networks from cloud originated attacks.
- **Virtual Data Center Security Stack:** virtual network enclave security to protect applications and data in commercial cloud offerings.

DISA's enterprise offering includes DOD mandated security services, which protect applications and data hosted in the cloud.

## Cloud Access Points and Security Features

- DISA developed and deployed enterprise cloud access points connect mission partners to approved off premises Impact Level 4/5 commercial clouds.

## Current Capabilities

Enhancements provided by third-generation cloud access points

- Collocated at commercial meet-me locations
- Scale up to 100Gb; four total locations



## Accuracy Threats

**422,838**  
Total threats blocked/month

**69,100**  
Brute force access attempts/month

**99.96%**  
Boundary CAP Uptime /12 month period

## Cloud Access Point Off-premise connections available:

- Amazon Web Services (AWS) GovCloud IaaS IL4/5
- Box Enterprise, Community Cloud, SaaS IL4
- Cisco's Hosted Collaboration Solution for DOD PaaS/ SaaS IL5
- IBM SmartCloud for Government (SCG) IaaS IL5
- Microsoft Azure DOD IaaS IL5
- Microsoft Azure DOD PaaS IL5
- Microsoft Azure Government IaaS IL4
- Microsoft Azure Government PaaS IL4
- Microsoft O365 DOD SaaS IL5
- NAVAIR PDSS IaaS IL4/5 (AWS GovCloud)
- NIWIC PDSS IaaS IL4/5 (AWS GovCloud)
- NAVAIR PDSS IaaS IL4/5 (Microsoft Azure)
- NIWIC PDSS IaaS IL4/5 (Microsoft Azure)
- Oracle Cloud Infrastructure IaaS/PaaS IL4/5
- Oracle Service Cloud (DOD OSC) SaaS IL4
- Palantir Federal Cloud Service (PFCS) SaaS IL5
- Project Host Federal Private Cloud DOD SaaS/PaaS IL5
- PTC Cloud Services SaaS IL5
- Rackspace Government Cloud (RGC) PaaS IL4
- Salesforce Government Cloud SaaS IL4
- Sales Force Government Cloud Plus SaaS/PaaS IL4
- SAP National Security Services Service Node with SuccessFactors Suite (SAP NS2 SNSFS) DOD SaaS IL4
- ServiceNow GCC SaaS IL4
- Smart Sheet Gov (SSG) SaaS IL4
- USDA Datacenter Hosing Services IaaS IL4
- Consistently adding new Cloud Service Providers and Cloud Service Offerings

## Virtual Datacenter Security Services (VDSS) available:

- Amazon Web Services (AWS) GovCloud IaaS IL4/5
- Microsoft Azure Government (IaaS) IL4/5