

ITAR COMPLIANCE IN THE CLOUD

WHAT IS ITAR?

International Traffic in Arms Regulations (ITAR) control the export of defense related articles on the U.S. Munitions List (USML). Organizations and individuals with ITAR-controlled information are generally required to take necessary steps to make sure only U.S. Persons can view covered data, and that this data is hosted on U.S. soil.

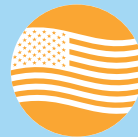
AWS GovCloud (US) addresses ITAR compliance requirements. AWS GovCloud (US) is Amazon's isolated cloud region, accessible only to vetted root account holders who are U.S. Persons.

As a cloud infrastructure provider, AWS does not have visibility into how customers use its services, including whether customer data is subject to ITAR. For this reason, AWS applies the same stringent security controls over all customer IT workloads in the region, regardless of whether the data is subject to ITAR or other export control requirements.

AWS GovCloud (US) ALLOWS CUSTOMERS TO ACHIEVE ITAR COMPLIANCE IN THE CLOUD



A physically and logically isolated region, separate from other AWS cloud regions



Managed by AWS personnel who are US citizens located on US soil



Separate console, IAM and authentication stack and endpoints



Region accessible to only qualified organizations and users



Supports FIPS 140-2 endpoints

AWS Shared Responsibility Model

AWS is responsible for logical and physical compliance of the cloud infrastructure, core AWS cloud services operated by AWS and the security 'of the cloud'. Customers are responsible for the security and compliance of their data, applications and architectures 'in the cloud'.

Examples of Controlled Unclassified Information (CUI) in AWS GovCloud (US)



Financial data on mergers, retirement accounts and Bank Secrecy



Intelligence classified as Controlled Unclassified Information (CUI) and NATO Restricted data



Law enforcement data including case files, biometric, DNA and bodycam data



Patient data and records



Military personnel records



Immigration data related to status, visas and asylees



Identity-related and regulated information



Critical Infrastructure data related to transportation, nuclear facilities, the energy sector and facilities, security and emergency management



ITAR data covered on the U.S. Munitions List



Research and survey data related to tax, census and other sensitive population information

Examples of ITAR Data



Explosives and Energetic Materials, Propellants, Incendiary Agents, Launch Vehicles, Guided Missiles, Ballistic Missiles, Rockets, Torpedoes, Bombs, and Mines



Propellants and Incendiary Agents, Toxicological Agents, Fire Control, Range Finder, Optical and Guidance and Control Equipment



Surface Vessels of War and Special Naval Equipment and Submersible Vessels



Firearms, Close Assault Weapons, Combat Shotguns, Ammunition, Guns and Armament



Technical Data, Military Electronics, Military Training Equipment and Training



Aircraft and Related Articles



Nuclear Weapons and Related Articles, Directed Energy Weapons



Ground Vehicles



Spacecraft and Related Articles

Achieve and Maintain Compliance



CONTROL ACCESS TO ACHIEVE COMPLIANCE:
AWS GovCloud (US) addresses US International Traffic in Arms Regulations (ITAR) regulations, along with FedRAMP and other compliance requirements.



IMPROVE VISIBILITY:
Audit access and use of sensitive data with your keys in Amazon CloudTrail—the AWS API logging service operated by US citizens.



SAFEGUARD SENSITIVE DATA:
Protect data with server side encryption in Amazon S3 and store and manage security keys with AWS CloudHSM or use our one-click AWS Key Management Service (KMS).



STRENGTHEN IDENTITY MANAGEMENT:
Limit access to sensitive data by individual, time, location, and restrict which API calls that users are able to make with identity federation, easy key rotation, and other powerful access control testing tools.

View and share the AWS GovCloud (US) video at:
www.aws.amazon.com/govcloud-us/

SOURCES:

US National Archives <https://www.archives.gov/cui/registry/category-list.html>
State Department, U.S. Munitions List. See the full list https://www.pmdtc.state.gov/regulations_laws/documents/official_itar/ITAR_Part_121.pdf.

