



Enterprise Cloud Oversight Services (ECOS) Brief

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What is ECOS?

- Enterprise cloud oversight services (ECOS) provides oversight functions and management of cloud-based services, specifically focused on software as a service (SaaS)
- Assures compliance, improved security by providing transparency via VITA oversight



Why ECOS?

- § 2.2-2009 of the *Code of Virginia*
 - Directs VITA to provide for security of state government electronic information from *unauthorized uses, intrusions or other security threats*
 - CIO must develop policies, standards and guidelines (PSGs) for assessing security risks, determining appropriate security measures, performing security audits of government electronic information
 - PSGs apply to commonwealth's executive, legislative and judicial branches and independent agencies



When Does ECOS Apply?

- When services under procurement meet definition, characteristics of SaaS provider
- When agency is asking provider act on behalf of a commonwealth entity, accept commonwealth data, serve as data custodian and/or system administrator of that data, make it available back to the commonwealth via an interface for fee
- Details on VITA website under services



Why ECOS Now?

- 2017 General Assembly updated code
 - CIO to develop new PSGs that require information technology (IT) procurements by agencies be made in accordance with federal laws and regulations pertaining to information security and privacy
 - VITA to implement an IT security service center to support agencies
 - VITA has oversight of technology security and cloud-based services for agencies



ECOS policy

- Purpose: Enable adoption of cloud-based services across the commonwealth using VITA as an IT service provider
 - Cloud computing includes evaluating the service provider for adequate IT management
 - Cataloging cloud services that have existing contracts with the commonwealth
 - Full policy is on VITA website



ECOS Requests to Date

Assessments	
Canceled	12
Complete	36
Customer acceptance	1
Customer initiation	7
Implementation	28
Total	84



ECOS Requests to Date (continued)

Production Oversight	
Canceled	1
Complete	5
Customer initiation	5
Implementation	15
Total	26