

# RSA® Conference 2016

San Francisco | February 29 – March 4 | Moscone Center

SESSION ID: CSV-T11

## Rock the CASB-ah— Advanced Use Cases from Pioneers of Cloud Security

MODERATOR: **Neil MacDonald**

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## **CASB overview**

**If CASB was the answer, what was the question?**

**Encryption / tokenization of data in SaaS applications**

**Sensitive data monitoring**

**Applying what you've learned here today**



# What's a Cloud Access Security Broker?



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## Context

### Delivered as:

- Physical appliance
- Traditional software
- Virtual appliance
- Cloud-based security as a service



## Consumers of Cloud-based Services

## Policy Decisions

### Operational:

- Caching
- Bandwidth optimization
- Mobile device profiling
- Mobile access policy

### Security:

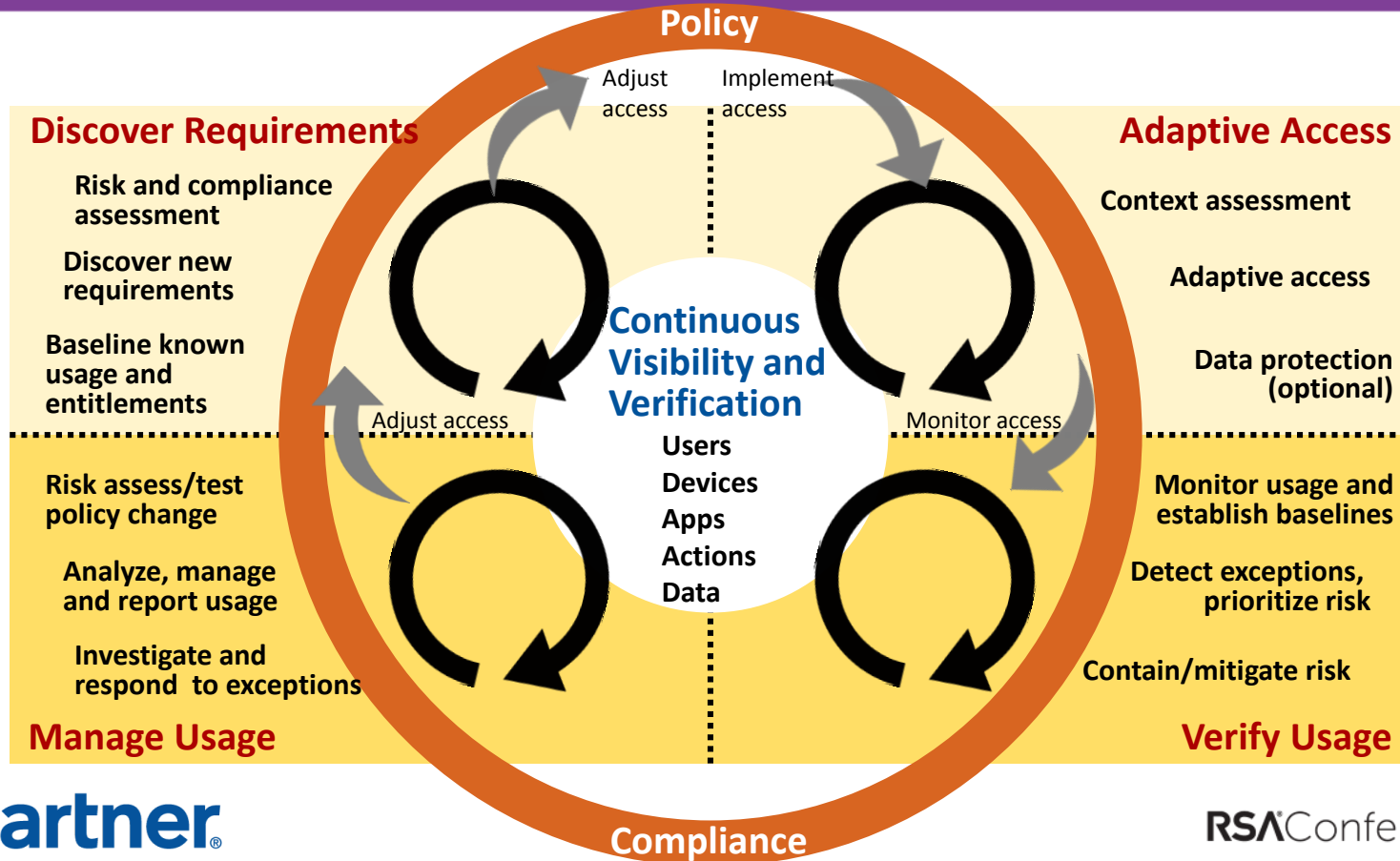
- Identity federation
- Access control
- Discovery/Reporting
- Logging/Monitoring/Alerting
- Anomaly detection
- Sensitive data monitoring
- Encryption / Tokenization
- Malware protection

Cloud-based Services

# What CASB Capabilities Matter?



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# Applying What We've Learned Today



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- You can't secure what you can't see. Get a handle on "shadow IT" and whether or not it represents unacceptable risk.
- Develop a SaaS security strategy if you haven't already
  - Not every cloud service has to be monitored.
  - Do you want visibility and control from unmanaged devices?
- Treat encryption / tokenization of data outside of SaaS provider with care
- Contract terms should be 1-2 years in this highly fluid market