

# EVIDENT SECURITY PLATFORM (ESP)<sup>®</sup> FOR FEDERAL AWS CLOUDS

Protecting sensitive and mission critical data from internal and external threats is paramount at all government agencies. DLT Solutions provides the most innovative cloud security, governance, risk management and compliance technologies to the public sector through our partnership with Evident.io. The Evident Security Platform (ESP) provides government agencies with continuous visibility into the security posture of their systems, guided response and remediation, and the ability to generate documentation to show compliance.

## CONTINUOUS INFRASTRUCTURE SECURITY & COMPLIANCE FOR FEDERAL AWS DEPLOYMENTS

Managing the security and compliance of AWS infrastructure in accordance with guidelines such as DoD SRG, DISA, FISMA, NIST, HIPAA, FedRAMP, etc. can be a significant challenge for federal agencies of all sizes. As mandates, such as Cloud First, accelerate the adoption of cloud computing, agencies are struggling to adapt traditional security frameworks, processes, and skillsets not designed for today's dynamic and complex cloud architectures. Whereas traditional security solutions ported to the cloud provide visibility and protection at the host level only, today's modern IT and DevOps teams need cloud-native solutions that provide complete risk visibility and remediation for their entire AWS infrastructure.

The Evident Security Platform (ESP) is the first and only cloud-native infrastructure security solution providing full coverage of all AWS accounts, services and regions, including AWS GovCloud or C2S. ESP combines the detection and analysis of misconfigurations, vulnerabilities, and risk – with guided remediation and audit capabilities to meet compliance requirements – all in one solution. ESP was designed specifically to help today's IT and DevOps teams implement and maintain security within the AWS shared responsibility model.

*“At no other point in the history of computing have we seen the ability to create and destroy the equivalent of an entire datacenter instantly or programmatically.”*

*Adrian Sanabria, Analyst, 451 Research Group*

## Compliance Measured Against Industry Benchmarks

Compliance Views from ESP give risk and compliance teams an easy and actionable report of their standing against industry benchmarks like CIS AWS Foundations Benchmark, NIST 800-53, FedRAMP, DoD SRG, PCI, and HIPAA.

## Global Risk Visibility and Awareness

Continuous monitoring and risk assessment analysis of all AWS accounts, services, and regions, including AWS Public, AWS GovCloud or C2S.

## Guided Response and Remediation

Rapid response to and remediation of security misconfigurations, vulnerabilities, and policy violations with automatic attribution and step-by-step guidance.

## Continuous Monitoring for Compliance

Managed cloud compliance and reporting on policy violations across your entire AWS infrastructure.

## PLATFORM ADVANTAGES

### Cloud Security Beyond The Host

Unlike solutions that only cover EC2 instances, ESP analyzes data from all AWS services, providing complete risk visibility of security misconfigurations, vulnerabilities and policy and compliance violations.

### Agentless and Proxyless Data Collection

Requiring no inline hardware, software, or agent to collect risk data, ESP integrates seamlessly without impacting the performance of your cloud computing services.

### Agile and DevOps Ready

Architected to support the integration of security and compliance checks into continuous deployment processes through custom API and native integrations with popular DevOps tools.

### Custom Signatures

Signatures validate conditions that trigger alerts to potential vulnerabilities. While ESP comes with 120+ standard signatures, custom signatures allow you to extend the platform to meet your agency's needs.

### Open and Extensible

Allows for easy integration with custom and 3rd party systems via RESTful API, AWS SQS-based security intelligence feed, and Ruby SDK. Native integrations are provided for leading solutions like Pagerduty, Slack, HipChat, and Splunk.

# EYES ON ALL YOUR FEDERAL AWS SERVICES, ALL THE TIME

## KEY FEATURES

### Comprehensive Cloud Infrastructure Security for AWS

Continuous automated assessment of all AWS cloud-based computing services – across all accounts and regions (including AWS Public, AWS GovCloud and C2S) – to rapidly detect security risks associated with misconfigurations and vulnerabilities.

### Cloud Risk Prioritization and Assessment

Cloud infrastructure security risks are prioritized based on a three-tier criticality model maintained by expert security researchers with real-world experience.

### Risk Attribution & Guided Remediation

ESP automatically determines who, when and how risks were introduced into your environment, and provides detailed step-by-step instructions to aid in the rapid remediation of security vulnerabilities. This ensures you can train your developers and operations staff on best practices, and identify potential insider threats.

### Meet Audit and Compliance Requirements

Easy single-button reports specific to policy and regulatory compliance requirements, including CIS AWS Foundations Benchmark, NIST 800-53, FedRAMP, DoD SRG, PCI, and HIPAA.

### Enterprise-Class Security Integration

Supports enterprise-class security features with single sign-on, multi-factor authentication, SAML, and Active Directory via LDAP integration. Hierarchical administration and role-based access control ensure separation of duties needed to protect government data and enforce security compliance in the cloud.

## SOLUTION BENEFITS

### Rapid Remediation of Security Risk

Provides a consolidated risk-based view of the security posture and violations to policy and compliance across your entire AWS infrastructure.

### Rapid Remediation of Security Risk

Continuous automated detection combined with step-by-step remediation guidance ensures security risks and policy violations are quickly fixed, lowering the risk of compromise, breach, and compliance violations.

### Scales With Your Cloud

Whether you have one account or hundreds to manage, SP covers all of your agency's AWS accounts with one platform, automatically detecting new services, regions, and resources as they spin up in your cloud.

### Enables Migration of Critical Workloads

Helps mitigate common security and compliance concerns by bridging the gaps between DevOps, SecOps, and compliance teams, lowering the barriers to migration of critical workloads.

### Continuous Compliance

With ESP, achieving and maintaining compliance becomes a continuous process with full visibility and audit-ready reports instead of painful annual or quarterly sprints.

### Flexible Deployment Options

ESP is available in both hosted SaaS and PSaaS versions for on-premises deployments. For the public sector, ESP is available for AWS Public, AWS GovCloud, and C2S.

**For more information** on how DLT Solutions can secure your cloud environment, please email us at [cloud@dlit.com](mailto:cloud@dlit.com) or give us a call at 855.CLOUD01(256.8301)

**To activate** a free ESP account visit [www.evident.io](http://www.evident.io) or call us at (855) 933-1337 to talk to one of our Cloud Security Experts.

