

AWS MANAGED CLOUD SERVICES

THE CHALLENGE

Business leaders in all industries are realizing that effective use of technology is the bedrock of value creation in today's economy. Clearly, linking IT operations is critical to business outcomes. What is less clear is how they will choose to build and manage their new cloud-focused environment. Technology evolution can be very operationally challenging without a proven partner to help lead the way.

THE SOLUTION

Presidio's Managed Cloud Services (MCS) remove many of the operational challenges associated with Digital Transformation. Our proven model promises to drive down total cost of ownership by modernizing IT operations. A focus on education, transformation, and automation propels operating model evolution, empowering clients to innovate without increasing

the risk of failure. Careful consideration is taken to measure results toward better business outcomes.

Next-generation tooling, AI, and analytics are used to identify, monitor, and interpret key metrics that tie technology to business value, realizing advanced business intelligence and vastly reducing mean time to resolution. Our commitment to building and maturing DevSecOps practices will increase agility, improve security, and reduce operational risk.

Our engineers work to educate clients on operational best practices and emerging technologies, using systems reliability engineering methodology to continuously improve performance, reliability, and operational excellence. Costs are monitored and budgets enforced with views across organizational boundaries and technology stacks. A dedication to automating operations is a force multiplier, assuring more time and effort is spent on adding value and spurring innovation.

CLOUD OPERATING MODEL EVOLUTION

Traditional

Application Characteristics

- Steady state, infrequent releases
- Software vendor licensing is not cloud ready
- One-off, low re-use

Advantages

- On-prem support model leveraged
- Cloud ops team helps with foundational cloud infrastructure

Disadvantages

- Reliant on change orders and human intervention
- No automation to lessen undifferentiated tasks

Automated Efficiency

Application Characteristics

- Cloud-ready software licensing
- Cloud native scaling, security monitoring, & management
- High re-use

Advantages

- Automated actions on events
- Improved resilience
- Autoscaling
- Reduced human error

Disadvantages

- Missing CI/CD agility

DevOps

Application characteristics

- High release frequency
- Customer facing
- High value
- Innovative applications

Advantages

(building on Automated Efficiency)

- Team cohesion
- Automation from the onset
- On-demand Test, Dev
- CI/CD capabilities
- Faster time to market
- Increased agility and innovation
- Reduced TCO

Disadvantages

- Major shift in organizational strategy
- Specialized skill sets hard to acquire

Regardless of where a client is in their cloud adoption journey, Presidio Managed Cloud Services can support their cloud operating model with granular, workload-level management and optimization.

A fully hosted AWS platform is also an option, where all the well-architected best practices are fully realized and continuously maintained, offering a turnkey cloud solution.

KEY BENEFITS

DevSecOps

Use infrastructure as code and compliance automation to shorten patch/release cycles and reduce risk. If any part of your architecture is not already defined as code, we will help get you there as part of our service, and continue to make iterative improvements to your deployment model and systems reliability.

- Reduce exposure by reducing security vulnerability time to remediation.
- Quickly reproduce your Production workloads in Dev/Test environments where you can test patches, features, and changes before they get deployed to Production. Roll back quickly when needed.
- Identify and implement the best deployment model, e.g. Blue/Green, Canary, or In-Place.

Competitive Edge

Presidio regularly evaluates new services and features for how they can be implemented in your environment to give you an advantage against your competition.

- DevSecOps gives you the agility to experiment with confidence and continuously improve.
- We take on the formidable task of keeping up to date with the rapid pace of technology and consider how new features and services can bring value to your business. We keep your architecture evergreen.
- Quarterly Well-Architected reviews ensure your posture in the five pillars stays strong, despite the ever-evolving threat landscape and emerging tech. Presidio filters out the hype and keeps pace with best practices as they advance.

Continuous Compliance

Reduce time to audit compliance by automating the entire process.

- By continuously scanning and documenting configuration standards and vulnerabilities, you simply hand your auditors a readily available report at audit time.



WHY PRESIDIO

Presidio is a leading North American IT solutions provider focused on Digital Infrastructure, Business Analytics, Cloud, Security & Emerging solutions. We deliver this technology expertise through a full life cycle model of professional, managed, and support services including strategy, consulting, implementation, and design. By taking the time to deeply understand how our clients define success, we help them harness technology advances, simplify IT complexity and optimize their environments today while enabling future applications, user experiences, and revenue models. As of January 1, 2020, we serve over 7,900 middle-market, large, and government organizations across a diverse range of industries. Presidio includes over 2900 professionals with a more than 3:1 ratio of technical experts. With 60+ offices across the United States, Presidio delivers a unique local delivery model with the national scale of a \$3.0 billion dollar industry leader. We are passionate about driving results for our clients and delivering the highest quality of service in the industry.



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