

Modern Platforms

Intelligent Operations Framework

THE CHALLENGE

Brownfield environments are burdened by fragmented legacy systems, manual processes, and poor visibility. Disconnected tools make it hard to track compliance, prevent configuration drift, or gain actionable insight. Traditional automation stops at execution, leaving gaps in analysis, reporting, and intelligent remediation. As infrastructure grows, the lack of AI-driven orchestration and visibility slows decisions and increases operational risk.

THE SOLUTION

Our Intelligent Operations Framework delivers real-time visibility, predictive insights, and self-healing capabilities to help IT teams reduce manual effort, improve compliance, and maximize existing investments. It automates and modernizes brownfield infrastructure by integrating AI Agents with API-enabled infrastructure through Infrastructure-as-Code and federated repositories—streamlining provisioning, compliance, and configuration management while adding intelligent reporting, analysis, and remediation.

Clients choose Presidio to lead their modern platform and hybrid cloud journey because we prioritize business outcomes. Vendor-agnostic with deep expertise across 80+ products and 20+ vendors, our engineers, consultants, and data center architects deliver end-to-end services spanning strategy, execution, and ongoing management.

KEY BENEFITS

- ◆ **Leverages AI agents** to optimize, analyze, and self-heal infrastructure
- ◆ **Enables** natural language infrastructure orchestration through AI
- ◆ **Automates** operational tasks for existing infrastructure
- ◆ **Generates** on demand reports through natural language requests
- ◆ **Enhances** compliance and configuration management
- ◆ **Centralizes** inventory with intelligent reporting
- ◆ **Delivers** predictive insights and automated fixes
- ◆ **Speeds** up workflows, reducing manual effort and errors
- ◆ **Supports** knowledge transfer and autonomy to Administrators
- ◆ **Provides** scalable, resilient automation architecture
- ◆ **Integrates** inventory management for accurate infrastructure visibility
- ◆ **Customizes** automation playbooks for client-specific requirement



Intelligent Operations Framework



AI-POWERED USE CASES AND FEATURES



AI-Driven Infrastructure Orchestration

- ◆ Automates server provisioning and configuration
- ◆ Manages network and infrastructure lifecycle end-to-end
- ◆ Deploys application services through AI-assisted workflows
- ◆ Monitors health and performance proactively
- ◆ Scales resources dynamically based on demand
- ◆ Triggers automated deployments from CI/CD pipelines
- ◆ Provisions test and sandbox environments on demand

Insight & Executive Intelligence

- ◆ Audits and analyzes cloud and on-prem deployments
- ◆ Validates environments before release
- ◆ Automates ServiceNow and ITSM ticket updates
- ◆ Provides real-time infrastructure dashboards
- ◆ Delivers trend, cost, and performance analytics
- ◆ Generates executive-level reports for visibility and planning

Security, Compliance, & Remediation

- ◆ Generates compliance and audit reports on demand
- ◆ Validates configurations against security frameworks
- ◆ Remediates vulnerabilities via automation playbooks
- ◆ Audits privileged account activity and access policies
- ◆ Automates firewall and security rule updates
- ◆ Integrates continuous security scans into pipelines
- ◆ Certificate Creation and Renewal

Intelligent Monitoring & Self-Healing

- ◆ Analyzes logs and errors using AI for rapid diagnosis
- ◆ Recommends corrective actions automatically
- ◆ Self-heals failed deployments based on learned patterns
- ◆ Streamlines change management and approvals
- ◆ Schedules maintenance windows automatically
- ◆ Rolls back failed updates or configurations

WHY PRESIDIO

Presidio is here to guide your business transformation journey by helping you carefully navigate the fast-changing tech landscape. As the bridge between where you've been with foundational IT, and where you're going with modern AI and cloud services, we measure success with you on the terms you define. We strive to build lifetime relationships with each of our customers, and we do so by being fearless, fast, flexible, and compassionate. It's our mission to earn your trust and deliver innovative, high-quality outcomes at speeds once thought not possible, so you can achieve your business goals faster.



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