

The Intent-to-Infrastructure Platform

Instant Self-Service Infrastructure with Built In Guardrails

Transform application intent into production-ready, compliant infrastructure from any source — automatically

The Platform Engineering Crisis

While AI accelerates development tasks 2-3x, infrastructure bottlenecks still cost development teams \$2.5M annually per 100 developers in lost productivity, as developers spend 23% of their time on infrastructure provisioning instead of building features.

Core Platform Capabilities

Discover & Generate

Turn ideas into infrastructure



Intent-Driven IaC Generation

Multi-source analysis (code, cloud, visual builder, AI) → clean, prod-ready Terraform/OpenTofu/Helm Self-service templates & IDP Integration for developers



Visual Infrastructure Studio

Interactive topology canvas with AI-assisted dependency mapping, resource validation, and misconfiguration prevention

Secure & Standardize

Intelligent compliance & control



Built-in Security & Compliance

Multi-source analysis (code, cloud, visual builder, AI) → clean, prod-ready Terraform/OpenTofu/Helm Self-service templates & IDP Integration for developers



Continuous Drift Management

Real-time infrastructure monitoring, automated drift detection, policy violation alerts, and automatic remediation with audit trails

Build Once, Deploy Anywhere

Cross-platform consistency



Multi-Cloud Orchestration

Map and deploy resources across AWS, Azure, GCP and data platforms through CI/CD pipelines with built-in data residency rules with intelligent cross-cloud translation and governance policies



Composable Infrastructure Architecture

Modular, intent-aligned infrastructure blueprints with reusable patterns, team-specific overlays, and automated policy application

Day 0 /1/2 Intelligent Lifecycle Management

Automated module versioning, environment provisioning and decommissioning, and complete infrastructure lifecycle management with built-in rollback capabilities

AI-Powered Automation

Code Generation | AI Assisted Workflows | MCP Server | Agentic DevOps

95%

Automated Infrastructure Provisioning

90%

Less Manual Platform Work

35%

Fewer Security Incidents

30%

Fewer Production Incidents

TRUSTED BY



Why Platform Engineers Choose StackGen

Beyond Traditional IaC Management



Infrastructure from Anything vs. Infrastructure as Code:

Synthesizes infrastructure from code, design, or runtime — no manual YAML or HCL.



Built-in Governance from Day 1:

Preventative compliance embedded in generation, not reactive post-hoc scanning.



Zero Infrastructure Expertise Required:

Software engineers ship without learning Terraform, IAM, or networking complexity.



Intelligent Infrastructure Synthesis:

Combines code, constraints, and existing infra into optimized infrastructure



Figma for Cloud Infrastructure:

Visual, real-time design enabling collaboration between developers, platform, and security teams.



App-Aware Cloud Migration:

Code analysis drives infrastructure optimization — higher-order re-platforming, not lift-and-shift.

Key Use Cases

Developer Enablement

- Self-Service Infrastructure Platform
- Backstage / IDP Infrastructure Standardization
- AI Workload Infrastructure
- Developer productivity acceleration

Compliance & Governance

- Regulatory Compliance Automation
- MARS-E, FedRAMP, HIPAA compliance
- Security policy enforcement

Infrastructure Modernization & Control

- Brownfield Infrastructure Control
- Policy-Compliant Greenfield Deployments
- Terraform Standardization
- Platform Rearchitecture

Multi-Cloud Management

- Multi-Cloud Infrastructure Management
- Cloud Migration Automation
- Cross-cloud resource translation
- Infrastructure Regionalization

Technical Architecture & Integration



Cloud Platforms

AWS, Microsoft Azure, Google Cloud Platform, Kubernetes (EKS, AKS, GKE)



Security & Compliance:

SOC 2 Type II, MARS-E, FedRAMP Ready, HIPAA compliance support



IaC Frameworks

Terraform, OpenTofu, Helm Charts (import/export)



Authentication & Identity

SAML 2.0, OIDC, LDAP, Active Directory, GitHub/GitLab OAuth



"StackGen is the holy grail of accelerating application deployment."

— Vishal Gupta, CIO and CTO, Lexmark International

350%

Average ROI

4–6

Week Typical Rollout

Ready to See StackGen in Action

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stackgen.com/get-started

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hello@stackgen.com



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