

## Introducing Spacelift

Enterprises need high performance IT infrastructures to achieve sustainable and scalable business growth. The benefits are significant and include:



### Increased Adaptability

Allows better positioning to address market changes and competitors



### Improved Customer Experience

Delivers a responsive and reliable customer experience



### Enhanced Productivity

Enables collaboration and faster time to market



### Improved Availability

Enhances ability to pinpoint and resolve issues faster



### Strengthened Security

Integrates security policy across entire infrastructure

## On Demand Infrastructure

The ability to provision and deploy high performance cloud-based IT infrastructures has undergone a transformation with the introduction of Infrastructure as Code or IaC. Instead of hours of manual effort, IaC tools, such as Terraform and others, have been integrated into DevOps tool chains and as a result, DevOps IaC teams are able to provision and deploy infrastructures faster.

## What is Spacelift

Spacelift is a powerful IaC solution delivering enhanced collaboration, automation and compliance to accelerate development, testing and deployment of cloud based infrastructures.



### Efficient

Improves resource utilization (both human and financial)



### Flexible

Enables fast delivery of new features and updates to the market



### Enhanced Productivity

Enables collaboration and faster time to market



### Reliable

Enables validated and robust front and backend application deployment



### Secure

Continuous adherence to security and compliance standards

## Trusted by top companies



## How Spacelift helps

Spacelift overlays Terraform and provides advanced capabilities that enables DevOps teams to control and manage the entire IaC lifecycle; from coding to running infrastructures. Spacelift provides the following key capabilities to IaC DevOps:



### Policy-as-Code Integration

Security and other policies are embedded directly in IaC code

Configurable policies - from sophisticated role-based access control to automated code review



### Synchronization and Coordination

Code changes are automatically synchronized across multiple projects and/or repositories

Ensures code consistency and accuracy across organization



### Programmatic Management

Enables advanced workflows, delegations and autonomous project teams

Enables focus on value add initiatives



### Resource Visualization

Direct tracking of the lifecycle and costs of each managed resource

Pinpoints and remediates resource drift

Like the physical IT infrastructures that preceded them, cloud based IT infrastructures were initially defined, configured and implemented manually. Not only was IT infrastructure expertise required, there was also a considerable learning curve to build cloud based infrastructures and get them right. The introduction of IaC development focused solutions, such as Terraform, have certainly improved many facets of building and deploying IT infrastructures, there is still considerable room for improvement.

## Why IaC?

IaC enables automated provisioning and resource management as an fully integrated DevOps process to deliver scalable, secure, resilient, reliable and cost effective IT infrastructures in minutes. Some key IaC benefits include:

- Version control and reusability
- Infrastructure provisioning automation
- Configuration management
- Automated validation and testing
- Deployment automation

## What We Bring to IaC

As long-time DevOps practitioners with extensive previous experience with large-scale installations - dozens of teams, hundreds of engineers and tens of thousands of cloud resources for; Google, Facebook, Deliveroo, Tier Mobility and Fresha. Along the way we've encountered many of issues and functional gaps that have frustrated IaC developers. So we developed Spacelift to solve them.

## Why Spacelift

Singularly focused on Infrastructure as Code (IaC), Spacelift supplements Terraform's traditional functionality with a set of advanced continuous code and continuous delivery (CI/CD) and management capabilities, including

- customizable workflows
- policy as code through OPA
- resource tracking
- SAML 2.0 compliant SSO
- automated code reviews
- drift detection/remediation
- push and tag driven events
- role based access and management
- API-first architecture

With Spacelift, IaC DevOps teams are able to: define standardized infrastructures; understand their resources; build policies directly into their workflows; synchronize code across multiple projects and/or repositories; track lifecycle and cost of every managed resource; and take advantage of advanced workflow delegations and autonomous project teams.

Spacelift works with any IaC setup and is capable of functioning as a self-hosted agent on any infrastructure, thereby offering maximum security without sacrificing functionality. Our solution is built on top of well-known and well-loved open-source components like Docker and Open Policy Agent, so it allows full customization while maintaining sensible defaults.