TORQUE | DATASHEET

Quali

ACCELERATE DEVELOPER VELOCITY AND PRODUCTIVITY, OPTIMIZE CLOUD SPEND, AND TACKLE INFRASTRUCTURE COMPLEXITY.

Torque is a one of a kind infrastructure orchestration platform that accelerates the continuous delivery of software at scale. It accomplishes this by implementing a control plane that automatically discovers and subsumes infrastructure definitions from common Infrastructure as Code (IaC), virtualization and container configuration tools.

Torque has unique capabilities to provide end-to-end accountability and real-time visibility into what infrastructure is being used for, when, why, and by whom in a consistent measurable way without impacting development velocity and existing tooling.

Torque automatically models infrastructure from multiple sources into standardized building blocks, and it provides trusted and governed automation. For the first time, infrastructure usage becomes sharable and scalable with costs trackable to business context.

SUPERCHARGE DEVELOPER PRODUCTIVITY AND SATISFACTION

Remove friction for developers with a platform engineering approach with secure on-demand access to the pre-configured application environments they need. Accelerate application release timelines by reducing toil with full stack application environments powered by optimized patterns and workflows. Leverage tools and investments in IaC and container technologies.

CLOUD COST MANAGEMENT AND OPTIMIZATION

Eliminating waste and optimize cloud spend by proactively identifying and decommissioning idle and underutilized cloud resources. Instill cost policies and usage guardrails into infrastructure provisioning to ensure cloud costs are aligned to budgets while denying unapproved actions. Extend FinOps capabilities with predictive data linking infrastructure costs to business priorities.

SIMPLIFY INFRASTRUCTURE COMPLEXITY

Crush complexity across the entire software lifecycle. Eliminate provisioning bottlenecks and scalability constraints with a unified control plane to orchestrate all types of infrastructure. Infrastructure is standardized to a common reference so organizations can characterize and understand their infrastructure usage. Automate infrastructure deployments that are highly scalable, secure, controllable, cost effective, and accountable.

ACCOUNTABILITY AND RESILIENCY

Gain real-time visibility into usage and the purpose infrastructure is supporting. Make infrastructure use accountable to the business and its priorities and outcomes. Establish an ideal balance between velocity in software delivery with governance and compliance. Automatically detect and reconcile drift in live environments and repair transient issues in deployments to make infrastructure self-healing and resilient.

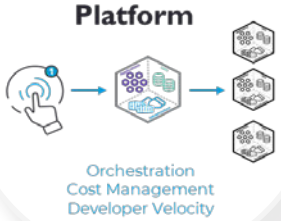
With Torque, development and platform teams deliver software faster and with greater agility, while ensuring cloud spend is optimized.

Power up Platform Engineering to re-ignite developer velocity

Design and provision full stack application environments with pre-defined curated patterns to boost developer productivity and reduce cognitive load.

Accelerate software release timelines

Eliminate friction and unnecessary toil for developers and DevOps teams. Torque automatically standardizes infrastructure patterns in modular repeatable blueprints to ensure consistent and secure deployments.



Optimize cloud spend and enhance FinOps processes

Automatically identify and terminate idle and underutilized cloud assets to eliminate waste spending. Extend FinOps with real-time cost data directly identifying cloud spend tied to users, teams, applications, and business units.

Increase sales velocity, time to market for new solutions and products

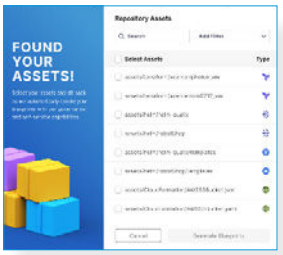
Automatically model and standardize complex application environments to accelerate sales motions in software demos, proof of concepts, prototyping, lab-as-a-service, and training systems.

Streamline IT operations to optimize response time SLAs

Eliminate redundant manual work that delays response times. Understand resource utilization by team, user, or function to create new efficiencies. Track and report cloud usage and manage change (drift) in real-time with custom dashboards and alert reporting.

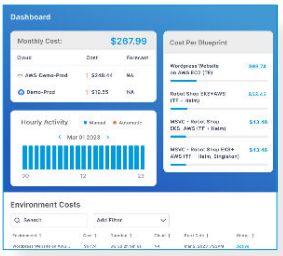
Automated Infrastructure Discovery And Modeling

Torque automatically discovers and ingests existing IaC definitions and configuration data from files and tools contained in your Git repos. Configurations are automatically modelled into re-usable blueprints for deploying application environments with all of the infrastructure, artifacts, and dependencies required by your applications to operate successfully. The modelling process standardizes infrastructure elements into a simplified format that is consistent across all infrastructure types.



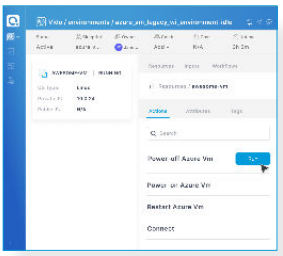
Seamless Orchestraton

Combine multiple technologies including Terraform, Helm, Ansible and CloudFormation into a single reusable blueprint. Define and provision full stack environments with public and hybrid cloud, virtualization, and container-based infrastructures. Torque implements an infrastructure control plane with policy-based guardrails for usage, cost optimization, and approvals to ensure teams maintain control over infrastructure without slowing down developer and DevOps velocity.



Cloud Asset And Cost Management

Auto-discover managed, un-managed, underutilized and idle cloud assets. Pro-actively manage cloud costs by eliminating waste and uncover opportunities for new savings. Automate cloud deployments and pre-schedule shutdown of assets to support your teams' needs while preventing idle and zombie resources. Torque provides the real-time context and control of assets via customizable reporting to align costs with operational priorities.



Infrastructure Resiliency

Improve service reliability with smart deployments and automated environment launches. Auto re-deploy assets that fail to launch, and auto-update assets with dependencies to eliminate manual trouble shooting. Enable faster and easier blueprint debugging with AI powered feedback, while ensuring environments can be stored and operated using GitOps approaches.

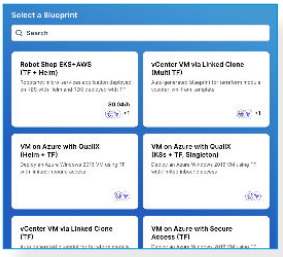
Data, Analytics, And Reporting

Capture and report cloud cost, usage, activity to help analyze and improve services consistency and efficiency. Easily view the costs of your environments, as well as current/estimated spending by blueprint, environment or space. Identify managed vs. unmanaged cost and get operational data to better manage resources and team efficiencies.

Workflows And Day 2 Actions

Improve productivity with pre-built actions users can run on assets directly in Torque. Connect with specific AWS and Azure assets including virtual machines, AWS RDS, Azure databases, and Kubernetes.

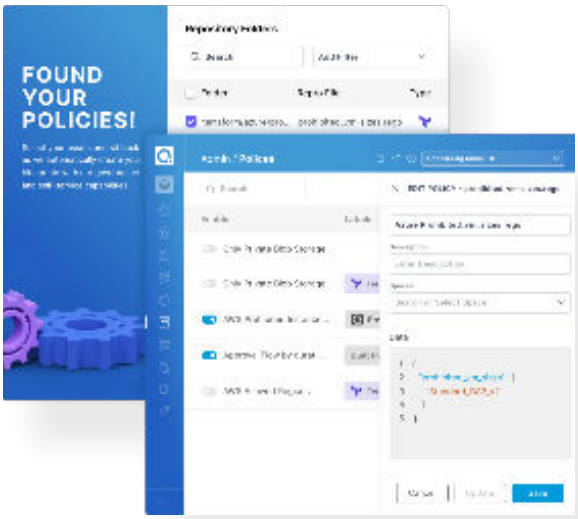
Workflows schedule actions on assets to automate manual tasks. For example, workflows can be created to power off all VMs daily at the end of the workday. Each workflow is triggered at its scheduled time and can also be executed manually by an end-user.



Self-Service Access

Enable authorized users to access all the cloud infrastructure and full stack application environments they need with pre-configured patterns and templates, on demand through Torque's customizable catalog and integrations with IDP/IDE, CI/CD tools, and the CLI.

Frictionless Governance
Torque provides end-to-end visibility, cost accountability, governance and control over all types of infrastructure.



- **Automated and Custom Tagging:**
  Ensure infrastructure usage is tied to the business unit, application, teams, or users with automated and custom tagging. Standardized tagging helps predict and manage costs, and ties infrastructure usage to business context.
- **Integrated Policy Engine:**
  Mitigate business risk by defining and enforcing security and compliance with OOTB and custom policies. Integrated guardrails for configuring blueprints and deployed environments that conform to company requirement.
- **Customizable Role-Based Access (RBAC):**
  Define and control what assets end users can assess, where they can be deployed, and what elements of your environments can be changed, and what elements are locked down with customizable RBAC. Implement organizational groups leveraging your existing SSO provider. Get alerts and notifications of policy breaches and cost thresholds.
- **Cloud accounts and secrets management:**
  Secure your cloud authentication passwords, keys and certificates in Torque's integrated and fully encrypted secrets store. Embed cloud credentials in infrastructure templates and provisioning to support users with seamless secure access to AWS CloudFormation, Azure, and Terraform assets deployed in your choice of cloud.

Quali's Torque platform implements an infrastructure control plane that orchestrates, manages and scales diverse, complex cloud/heterogeneous infrastructure.

With this unified orchestration and view into the entire ecosystem of infrastructure, Platform and DevOps teams can ensure the freedoms and autonomy enjoyed by software development is maintained, while increasing infrastructure delivery speed with standardized patterns and built in accountability.

Technology leaders gain unique end-to-end visibility and cost control with the understanding of what infrastructure is active and provisioned, when it was used, and by whom no matter what IaC tool was used to define the infrastructure or what deployment tool was used to provision it.

Torque makes infrastructure responsive to and a servant to business needs and priorities, and it enables businesses to plan, optimize and understand the value delivered by infrastructure and software.

With Torque, infrastructure usage and costs are directly connected to business priorities.

GET STARTED TODAY WITH A FREE TRIAL OF TORQUE

TORQUE FREE TRIAL >

ABOUT QUALI

Headquartered in Austin, Texas, Quali provides the leading platform for automating and orchestrating application infrastructure Quali solutions are helping companies achieve freedom from infrastructure complexity, so they can operate with velocity. Global 2000 enterprises and innovators everywhere rely on Quali's award-winning CloudShell and Torque platforms to create self-service, on-demand automation solutions that increase software and engineering productivity, cut cloud costs, and optimize infrastructure utilization. For more information, please visit quali.com and follow on Twitter and LinkedIn.