

PERFORMANCE & EFFICIENCY

Automated Performance Management
With Hybrid and Multi-Cloud Intelligence



Data Sheet

Real Business Outcomes

- » Financial Flexibility
- » Lower Total Costs
- » Simplified Operations



Managing Cost and Performance in a Hybrid-Cloud World

Hybrid cloud creates new possibilities for IT leaders. To deliver the best of datacenter economics and public cloud flexibility, IT leaders need to maintain data center efficiency, manage the capacity, price, and performance of cloud-based specialized architectures, and operationalize policies to run workloads across hybrid and multi-cloud resources.

Workload-Centric. Hardware-Accelerated. Software-Defined.

Rescale is an intelligent control plane for hybrid & multi-cloud computing, that helps business technology leaders optimize the full-stack performance of high performance computing. With Rescale, each workload runs on the ideal architecture from data center to cloud, with policy-based automation. IT benefits from full stack economic visibility and control. R&D can focus on their work and not the infrastructure, and get the full-stack support of Rescale's experienced HPC professionals.

Rescale Enables Performance & Efficiency

Full-Stack Optimization

Find the optimal combination of hardware and software for your business objectives.

- » **Broad HW Optionality** - Run applications on the broadest and latest set of multi-cloud architectures with minimal effort. Or run on your data center.
- » **Software Licensing Optimization** - Optimize software licensing consumption and utilization to lower costs, reduce R&D downtime, and get the most from your compute resources.
- » **Full-Stack Economics** - Use Rescale Performance Index (RPI) and SW licensing intelligence to decide the best architecture for each software based on performance or cost savings objectives.

Automated Operations

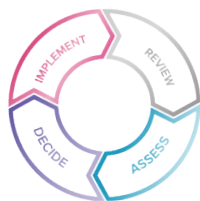
Ensure uninterrupted performance and service availability across all business units.

- » **Continuous Performance Optimization** - Automate full-stack economics optimization with automatic alerting when more performant architectures become available.
- » **Software Lifecycle Automation** - Instantly run any of the 600+ curated software and versions available from the Rescale software catalog.
- » **Always Successful Jobs** - Automate job restarts and checkpoints to ensure successful runs. Use different service levels with SLA's to meet performance and cost objectives.

Full-Stack Management & Support

Harden compute operations for the enterprise with end-to-end management and expertise.

- » **Job Optimization & Troubleshooting** - Guided application configuration and performance tuning with full support for hardware and software.
- » **Unified Billing & Vendor Automation** - Spend management across cloud provider infrastructures and ISV software with budgeting, reporting, and charge-back by business unit, team, project, or user.
- » **End-to-End Security & Compliance** - Full coverage of the highest industry standards for protecting user data and intellectual property across all endpoints and any cloud or hybrid infrastructure.



CONTINUOUS PERFORMANCE OPTIMIZATION

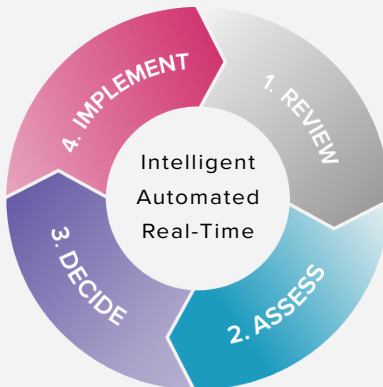
Full-Stack Performance Management Always Current With the Latest Specialized Architectures

Policies & Templates

- » Ensure workloads run on data center, cloud or specific architectures per business objective
- » Roll out best-practices to accelerate onboarding and improve productivity

Performance Optimization

- » For each workload, review cost / performance tradeoffs across architectures
- » Choose optimal architectures for workload per business objective

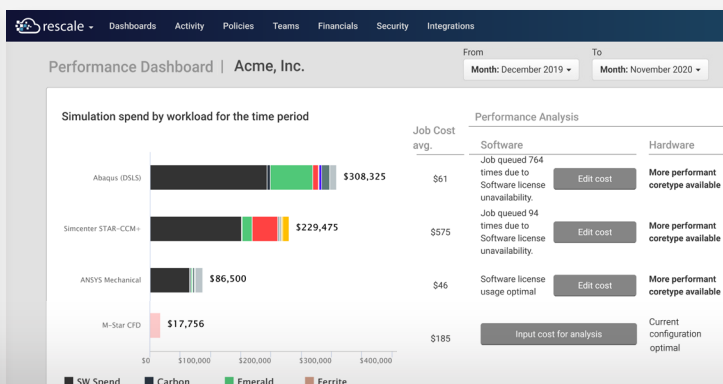
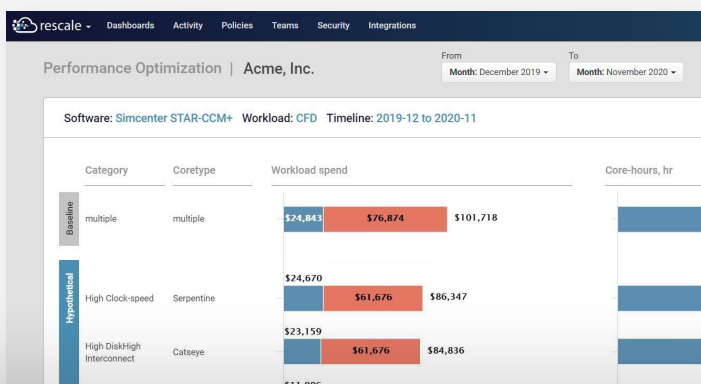


Economic Dashboard

- » Full stack economic transparency by business unit, project, and team
- » Review business impact of current policies

Performance Dashboard

- » Workload-centric full stack (SW+H) spend reporting
- » View assessments on software and hardware performance

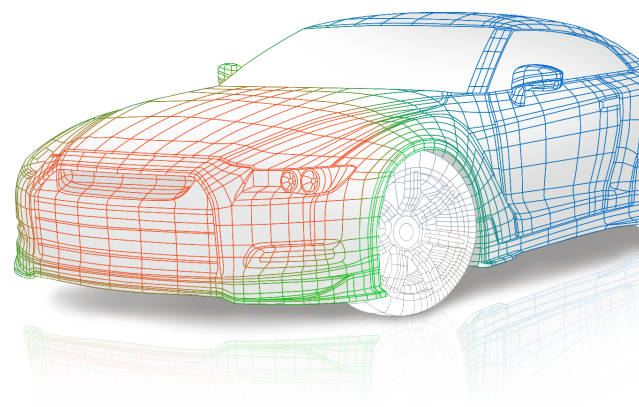


Nissan Optimizes Hardware and Software for Unmatched Performance & Efficiency

NISSAN

Customer Challenges

- » Long procurement cycles, 9+ months to deploy new infrastructure
- » Up to 20% loss of R&D productivity due to system related inefficiency
- » Challenges maintaining and optimizing 30+ applications with cost-performant, fit-for-purpose architectures



18%

Total Cost Reduction

66%

Accelerated Deployment Time

55%

Reduced Maintenance Costs

20%

Increased Productivity



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About Rescale

Rescale helps organizations accelerate science and engineering breakthroughs by eliminating complexity. From supersonic jets to personalized medicine, industry leaders accelerate new product innovations with unprecedented speed and efficiency with the Rescale Platform - a solution for intelligent full-stack automation for big compute and R&D collaboration on hybrid cloud. Rescale enables IT leaders to deliver high performance computing as a service, with software automation on a hybrid cloud control plane with security, architecture, and financial controls. Learn how you can modernize high performance computing at Rescale.com