



## The Most Trusted and Secure Platform for Cloud HPC, Data, and AI

Rescale's cloud platform for HPC and AI accelerates product development while improving IT operational efficiency. Rescale delivers full-stack automation and support of the largest selection of HPC resources, data management tools, and AI capabilities in one integrated platform.



### Optimize Your HPC

Accelerate full-stack modeling and simulation with Rescale Compute™



### Harness Your Data

Expedite your decision-making with Rescale Data™

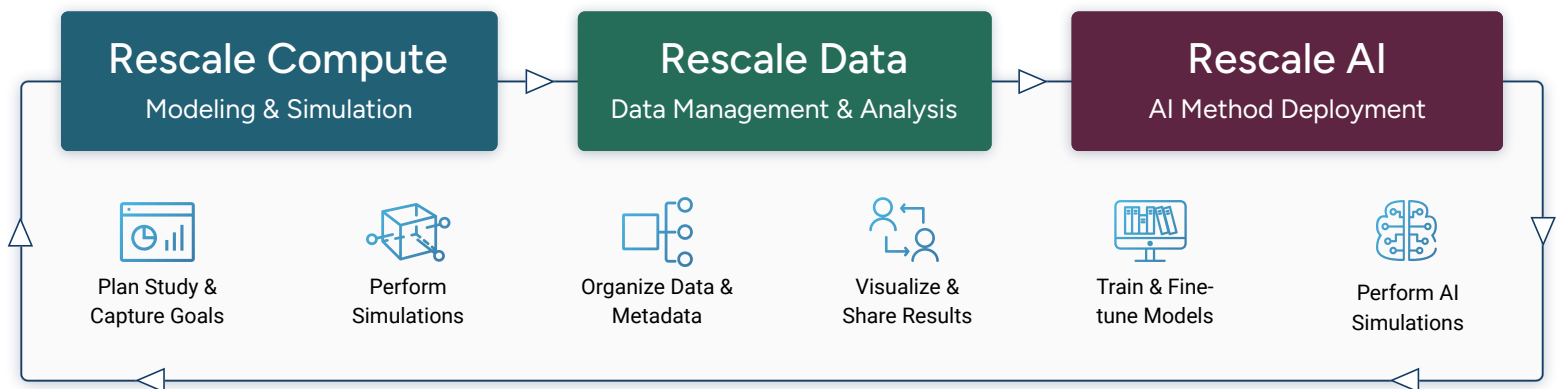


### Unlock AI Insights

Discover new capabilities at unprecedented speed with Rescale AI™

## Expanded Modeling and Simulation for Accelerated Innovation

Rescale streamlines R&D by unifying disparate workflows, integrating advanced simulation tools, and leveraging data for AI-driven methods. Engineering teams can accelerate end-to-end processes, reduce manual and duplicate work, and gain insights from historical data to discover and validate new products.



## Solutions for IT and R&D for Shared Success

### R&D Teams

Accelerate product innovation with AI-enhanced simulation, flexible compute resources, and streamlined data workflows.

### IT Teams

Simplify operations, ensure security and compliance, and optimize cloud HPC resources across hybrid and multi-cloud architectures.

## Rescale Customers Achieving Measurable Results



## Business Impact



### Accelerate Innovation

6X faster simulation results with elastic hardware capacity, automated workflows, and real-time collaboration.



### Manage Risk & Cost

20x improved resource output with full-stack resource optimization and streamlined administration.



### Increase Productivity

30% engineering time saved by automating manual tasks in data management and workflow configuration.

## Complete Platform for Turnkey, End-to-End HPC

Rescale automates modeling, simulation, and AI workflows in one comprehensive platform with all the tools needed to perform any scale of R&D workloads and optimize full-stack resource administration.

### Rescale Platform

#### Rescale AI

AI Training & Deployment | AI Inference | App & Model Marketplace | Design Optimization

#### Rescale Data

Collaboration | Workflows | Analytics | Search | Digital Thread | Governance | Connectors

#### Rescale Compute

Batch Modeling & Simulation | Visualization | Design of Experiments

##### Software Management

1,200+ Pre-Installed Software & Versions, with custom application publishing

##### Workload Orchestration

Hardware-software configurations with orchestration across clouds, architectures and regions

##### Cost-Performance Optimization

Continuous improvement of compute & licensing utilization, cost models, & sustainability

##### IT Business Management

Visibility and control management, security controls, & team organization

##### Infrastructure Automation

180+ specialized architectures from leading cloud providers, available pre-configured & on-demand

INTEGRATIONS & CONNECTORS

#### End-to-End Security & Compliance

Leading Compliance Certifications (SOC-2, HIPAA +) | Public Sector Authorizations (FedRAMP, ITAR +)

#### Full-Stack Support & Professional Services

Implementation & Onboarding | Application & OS | Benchmarking & Optimization | Training

## Support and Expertise Across Technology and Industry Use Cases

Rescale provides full-stack support and professional services with deep industry and technology expertise, ensuring success across diverse workloads in HPC, AI, and simulation. Our team provides a range of services from onboarding, optimization, and advanced use case support based on customers' needs.

## Wide Variety of Modeling and Simulation Applications

Fluid dynamics • Finite Element • Molecular Dynamics • Electromagnetics • Thermal Management • AI/ML Surrogate Models • Weather Modeling • Genomics • 2D & 3D Visualization • Virtual Workstations • And More...



Learn more about Rescale  
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