

Easy, Fast & Unlimited CFD Cloud

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Rescale solves mission critical challenges

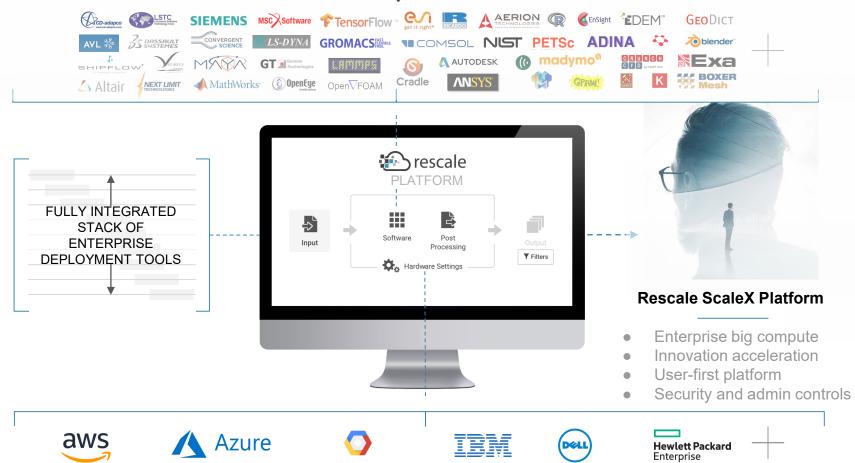


- 150 lbs weight reduction = \$180M in savings
- 3 months development time achieved in under 24 hrs

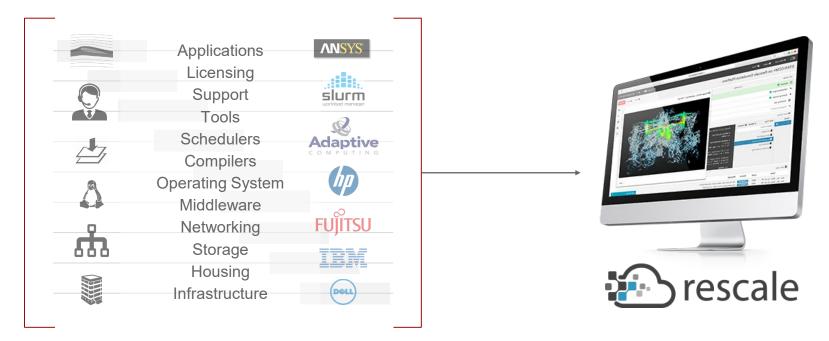




The Rescale HPC Platform experience



Full stack automated and delivered by Rescale



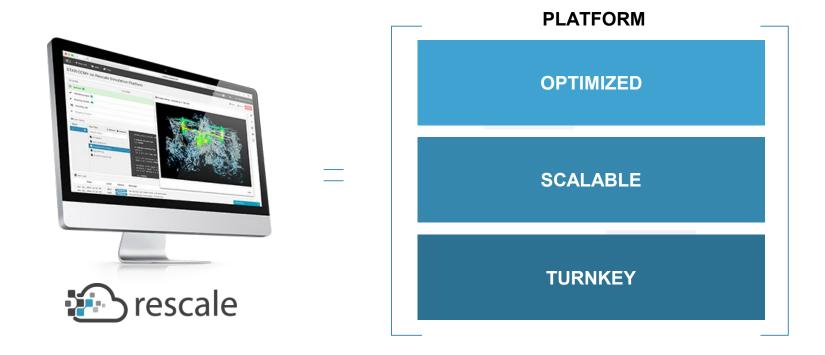
Expensive on-premise stack of 30+ software middleware tools and consulting services...



...transformed into one seamless, automated SaaS enterprise Platform



Fundamental values of the Platform HPC experience



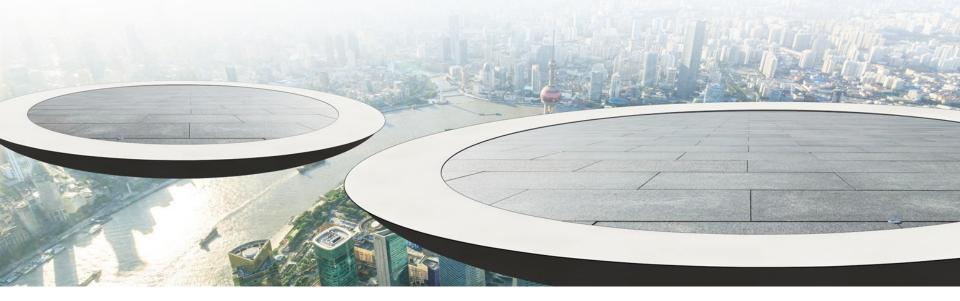


Platforms multiply freedom and productivity

SCALABLE

PLATFORM

Rescale leverages platform philosophy to deliver innovation acceleration, on demand



Optimized per Job

A platform provides millions of combinations of workflows

Limitless Scale

Grow simulation/job sizes and actual team productivity fast

Turnkey Administration

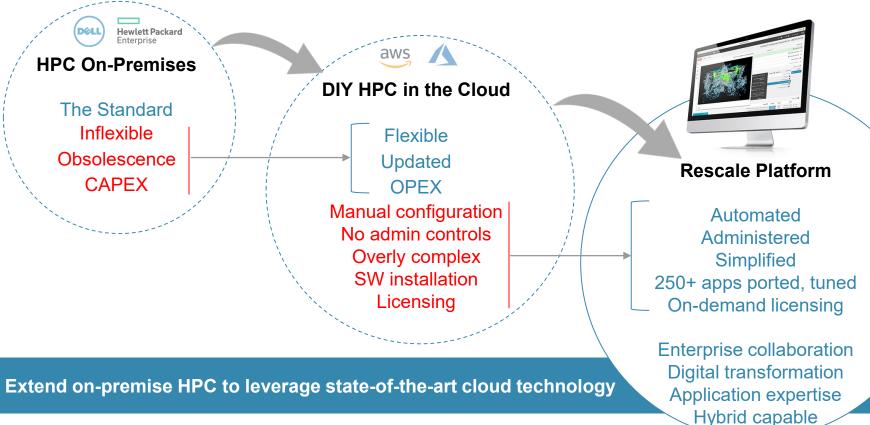
Platform connects applications, data, licenses, MPI, & versioning



Rescale enables transformative benefits

PLATFORM OPTIMIZED SCALABLE

Rescale addresses the challenges of on-premise HPC and the Do-it-yourself approach to cloud HPC



Rescale Platform implementation strategies

SCALABLE TURNKEY

PLATFORM

Choose what is right for you, right now



Cloud Native

- Elastic scaling on demand
- Turnkey
- Zero IT footprint



On-premise HPC

- Submit jobs on-premise
- Administration portal
- Analysis and reporting



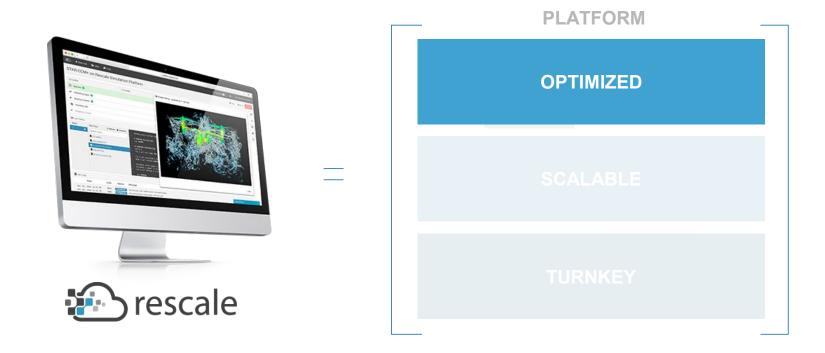
Hybrid: Cloud & Onpremise

- Extend to cloud on demand
- Seamless transitioning between architectures
- Disaster recovery

Advantages of both



Fundamental values of the Platform HPC experience

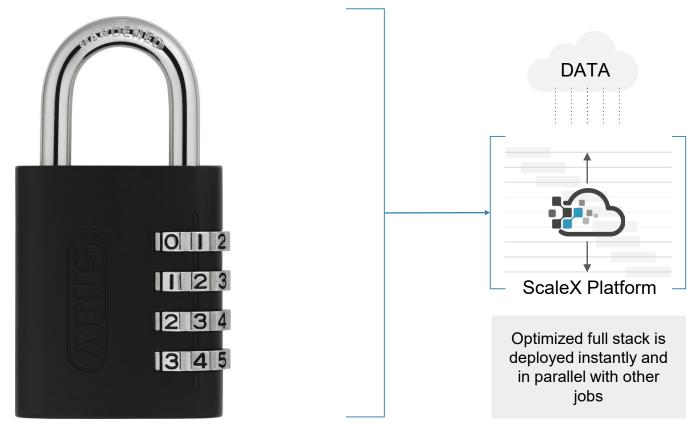




Rescale delivers a complete, optimized stack

PLATFORM
OPTIMIZED
SCALABLE
TURNKEY

Operate consistently on the best workflow-specific infrastructure with no transition loss

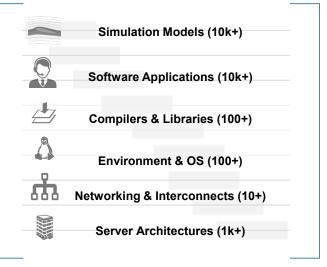




Rescale delivers best practices

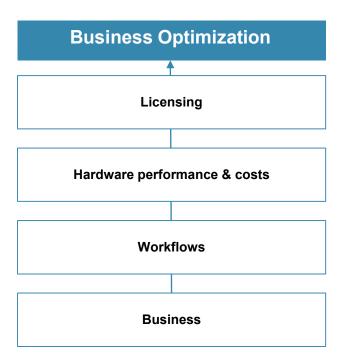


Technology Choices



= virtually unlimited combinations

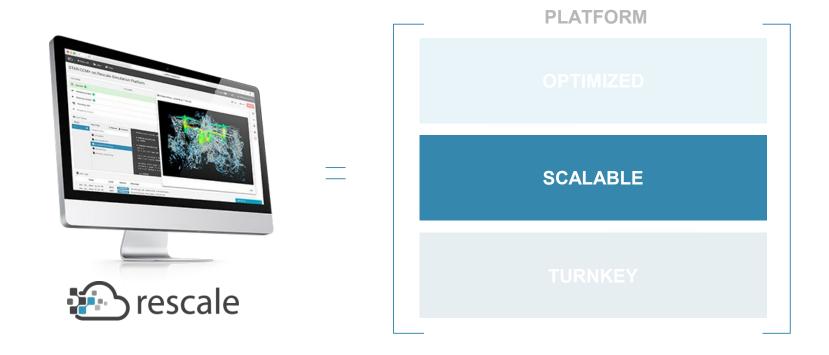




Automatic full stack technology selection and tuning for optimal business performance



Fundamental values of the Platform HPC experience







Limited available resources forces queuing



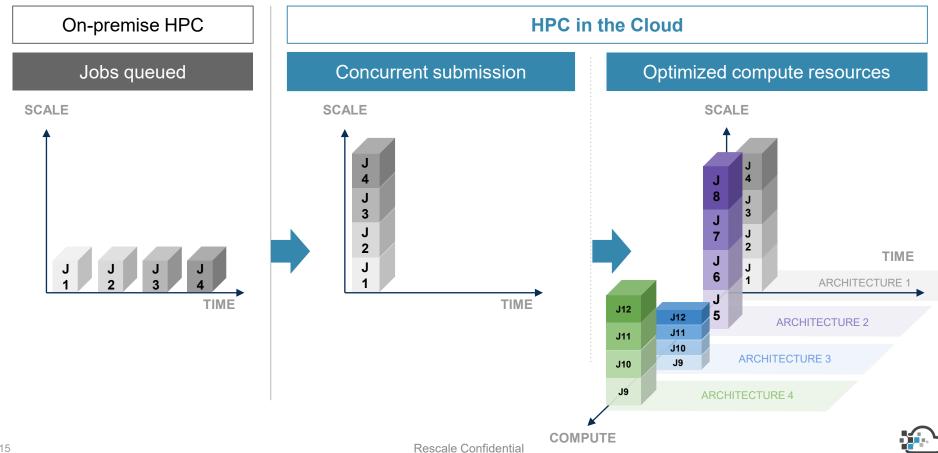


Resources available on demand, and optimized for specific compute task



Scalability: faster results, shorter turnaround time

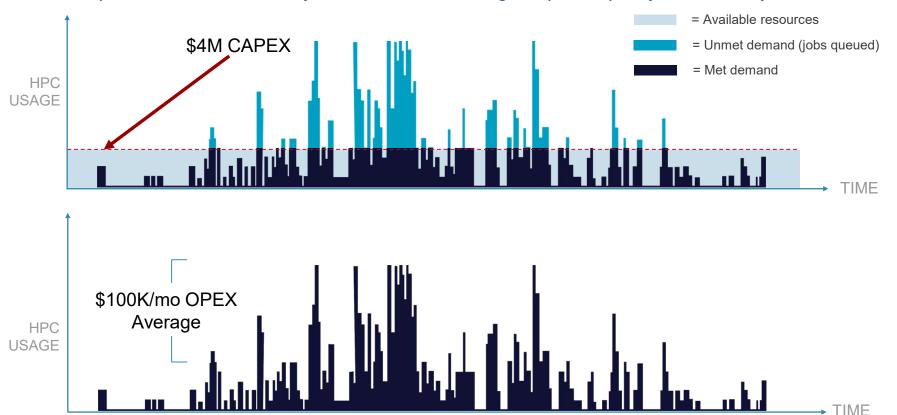




Tier 1 automotive: HPC usage versus demand

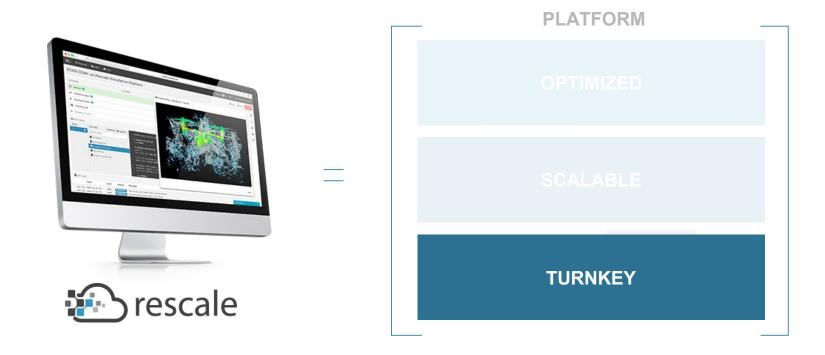


CAPEX replaced with lower monthly OPEX while increasing compute capacity and flexibility





Fundamental values of the Platform HPC experience





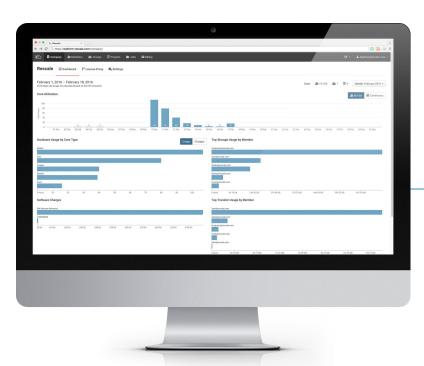


Enterprise administration: broad control sets, management, reporting and integration



Global turnkey IT administration





Easy-to-use SaaS interface for IT & engineering managers

Rey Enterprise reatures	
Role-based Access	Manage users Manage roles Manage groups Manage projects
Platform	HW access, regions, and pricing SW access, licenses, and pricing Platform features access Data retention and sharing settings
Security	Restricted access by IP address range Password complexity rules Multi-factor authentication (MFA) User audit logs & notification rules
Cost Management	Budget by level Reports by application type Payment methods and history License usage optimizer
Connect	On-premise compute and storage PDM/SLM integration VPN Single sign-on (SSO)

Key Enterprise Features

Rescale's global HPC infrastructure network



Over 100 data centers worldwide



Turnkey deployment to the fastest local HPC infrastructure



Absolute enterprise security, delivered end-to-end

Rescale delivers best-in-class security layer across entire platform



Rescale is compliant with the strictest industry security standards

- Full administrative management and IT dashboard provide comprehensive controls and visibility
- Software defined security policy implementation tools to enforce proper IP handling
- Encryption in transfer with high-grade TLS and multi-layered encryption at rest with 256-bit AES

















SOC 2 Type 2 Attested

CSA Registered

ITAR Compliant *

HIPAA Certified *

FedRAMP



One Platform, All Codes

*NOT FXHAUSTIVE





























































































On-demand licensing in the cloud or use your existing license.

3. Workflow

Easy workflow for pre- & post-processing. View results online with the GUI app.

2. Software

Wide package selection with new versions added regularly.

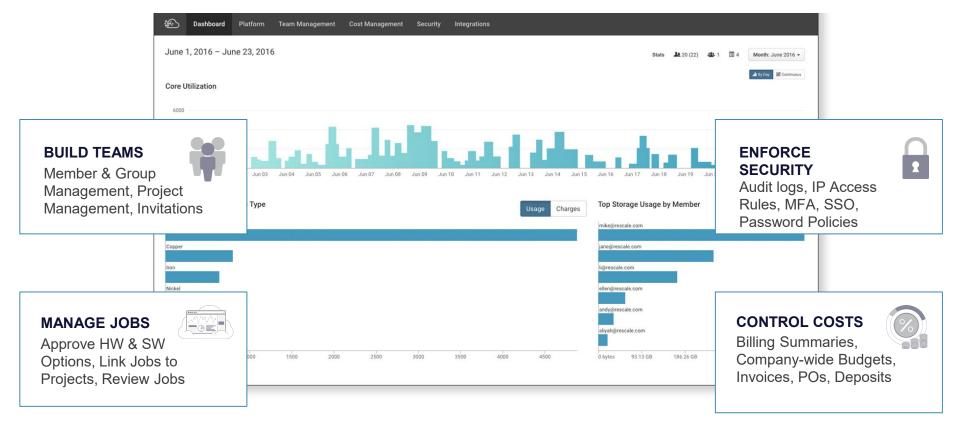
4. Support

Best-in-class support from experts through instant chat, email, phone.



Rescale Confidential

Enterprise-level Policy Enforcement





Advanced Rocket Design & Development

- Product development speedup of over 24X
- Instant 1,000+ CPU clusters simulating design performance



Real-time Formula 1 Simulations

- 3,000+ simulations in under 45s / lap
- Real-time sensor data inform strategy and performance



Vahana's autonomous vehicle design & simulation



- Product development speedup of over 3X
- Faster time to market





- On-demand licensing and instant scaling for Star-CCM CFD analyses
- Flexible compute resources enable tight deadlines to be consistently met



Rescale at a Glance

FOUNDED 2011

LOCATED SAN FRANCISCO (+ LONDON, MUNICH, TOKYO, SEOUL, SINGAPORE)

DELIVERS ENTER

ENTERPRISE BIG COMPUTE PLATFORM

FUNDED













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