



# The HPC Cloud for Water Utilities

Scala Computing provides water utilities with simplified, on-demand access to the high-performance computing (HPC) infrastructure they need to run their simulations.

Our secure, performant, and hyperscalable cloud-based HPC platform decreases costs and accelerates time to results for water quality and system management.

Use the Scala Compute Platform to automate, accelerate, and reduce costs associated with:



Pathogen Modelling



Eutrophication Modelling



Water Usage Forecasting



Hydrodynamic Modelling



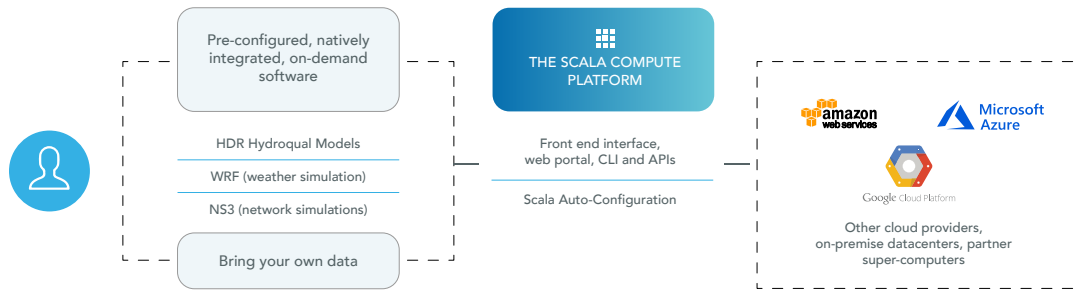
Reservoir Modelling



Many More

# The Scala Compute Platform

Scala Computing enhances the strategy development of environmental management organizations by powering their scientific models and simulations with hyper-scalable HPC resources for accelerated decision making.



We remove the cost and complexity of managing specialized computing infrastructure, enabling our clients to focus on their science, not their compute requirements



## Increased Capacity

Run HPC applications in the cloud to access virtually unlimited computing resources, ideal for surge or heavy workloads.



## Decreased Costs

Reduce capital and operational expenses from acquiring and maintaining costly on-premise HPC infrastructure.



## Access Anywhere

Submit and monitor your HPC jobs anywhere there is an Internet connection with our web-based job submission portal and remote visualization tools.



## New Workload Classes

Access specialized hardware, software, or other computing resources which may not be available in your on-premise datacenter or cloud provider.



## New Testing Environments

Leverage the cloud to access a vast testing environment for new development projects and applications.



## Cloud Security

Get one of the most secure cloud experiences available with Scala Computing's strict data protection solutions and industry-established best practices.

## Key Benefits

- **On-Demand Availability**  
Zero queue time across all your HPC workloads.
- **Built for the End-User**  
Utilize our platform directly with streamlined end-user workflows and automated optimization that requires no additional DevOps support.
- **Flexible Provisioning**  
Leverage elastic scaling that automatically right-sizes high-performance computing resources across your application's demand cycles.
- **Reliable and Secure Performance**  
Access a diverse set of infrastructure globally, tailored to your application's unique requirements and supported by dependable security features.
- **Expertise with Water Quality and Reservoir Modeling on the Cloud**  
By working with Scala, customers are partnering with the leader in water quality and reservoir modeling on the cloud and can leverage our experience and expertise in this domain.

## Representative Customer Use-Case



NYC DEP uses the Platform for some mission critical business functions including reservoir modelling, water quality modelling, and tide modelling for the entirety of New York City. With our platform, NYC DEP cut runtimes by over 80% (from days to hours), saving millions of dollars.

Scala Computing Inc.  
335 Madison Avenue  
New York, NY 10017  
[www.scalacomputing.com](http://www.scalacomputing.com)  
E: [info@scalacomputing.com](mailto:info@scalacomputing.com)  
T: 1-631-704-7753