



TrinityX Cluster Manager

Advanced Cluster Management Made Easy



Simplify How You Deploy & Manage HPC

As a leading provider of high-performance computing (HPC) solutions, Exxact Corporation offers TrinityX to deliver robust, simple, and capable cluster management capabilities for complete control over your computing infrastructure.

TrinityX unifies essential cluster management tools such as container orchestration, monitoring, and logging into a single cohesive platform. Simplify cluster administration and enhance system reliability and transparency, enabling your business to thrive by utilizing your computing's full capabilities.

Pair TrinityX's reliability, flexibility, and comprehensive feature set with configurable Exxact hardware for a fully integrated, production-ready computing environment.

Features

Simplified Workload Deployment

Deploy effortlessly on bare metal or VMs (virtual machines). Automate installs of workload managers and essential libraries across major Linux distributions for ultimate consistency and efficiency.

Automation and Validation

Automatically sets up networking, user environments, directories, DNS services, and firewalls with extensive validation to ensure proper functionality of your computing infrastructure.

Mixed Environment Support

Seamless multi-architecture (x86 and ARM) and multi-OS (various Linux distributions and Windows) deployment. Manage a varied configuration through a single control point.

Resource Management

Track allocation, utilization rates, and more for a transparent view of your GPUs, accelerators, processors, networking, and other cluster resources to maximize performance.

Flexible Interfaces

Leverage a command line interface for rapid deployment, repeatability, and automation or a GUI (graphical user interface) for intuitive navigation and monitoring.



Exxact Cluster with TrinityX Management



Simple Deployment



Easy Operation



Intuitive Management

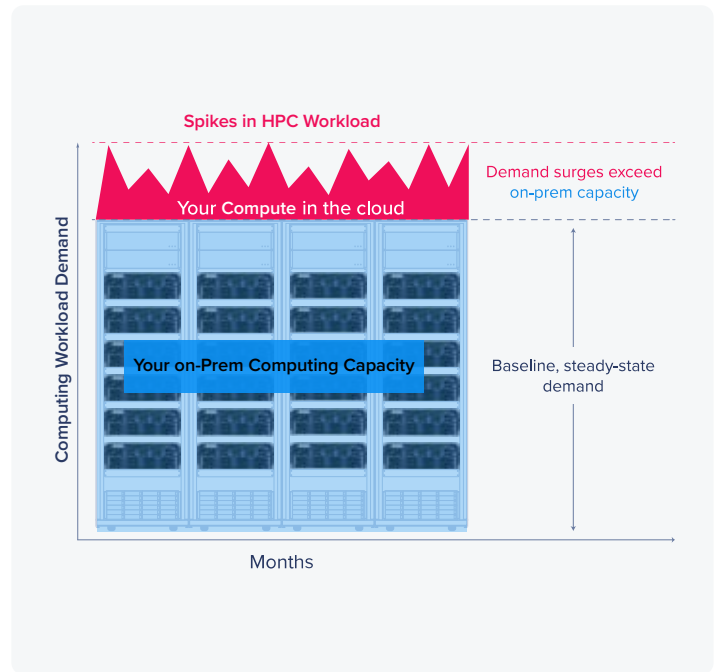


Seamless Scaling

Hybrid Cloud and Dynamic Scaling

Seamlessly bridge on-premise and cloud environments with TrinityX and enable unified cluster management across your entire infrastructure. Extending your Exxact on-premise hardware into the cloud for additional compute capacity is made easy with TrinityX. Maintain consistent ownership of your computing while leveraging cloud resources for burst computing for specialized workloads.

- **Intelligent Cloud Data Orchestration:** Automated data management streamlines cloud workflows that handle bidirectional data movement to eliminate complexity, increase simplicity, and ensure data synchronization challenges won't affect overall workflow.
- **Intelligent Cloud Data Utilization:** TrinityX automates sophisticated resource orchestration ensuring cloud computing is only provisioned when highly necessary. Automatically control your cloud cost while maintaining optimal performance.



 Network  TrinityX Management  CPU/GPU Compute  Storage

Accelerate Your Research from AI to HPC

Exxact is focused on delivering high-performance computing solutions to power innovation and discovery. Every system is highly configurable and built-to-order so you can tackle unique workloads big or small. From multi-nodes to multi-rack, pair your Exxact computing infrastructure with TrinityX to manage, monitor, and optimize performance.

Stand up or scale up with our burned-in, validated, and production-ready configuration and manage it all with TrinityX's simple, powerful, and flexible management capabilities. Our precision engineering, rapid deployment capabilities, and customer-first mentality ensure your new Exxact solution is built to serve your exact needs.

A Solution for Every Application



AI & Deep Learning



Life Sciences



Data Storage



Engineering & MPD



Content Creation



Built to Power Discovery



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