



Parallel Works ACTIVATE

Compute Control Plane

Orchestrate HPC and AI workflows across hybrid, multi-cloud environments

What is Parallel Works ACTIVATE?

Parallel Works ACTIVATE is an orchestration platform for hybrid and distributed computing. It unifies SLURM, Kubernetes, OpenStack, and other compute environments into a single, intuitive interface. This enables teams to provision, manage, and share HPC and AI/ML resources at scale without rearchitecting or retraining.

Born out of Argonne National Laboratory in 2015, ACTIVATE simplifies infrastructure complexity through automated workflows, API-driven processes, and policy-based governance. With real-time cost tracking, flexible cluster creation, and secure hybrid workflows, ACTIVATE helps organizations accelerate research, simulation, and AI innovation while maintaining control over budgets, compliance, and performance.

Core Benefits of ACTIVATE



Cost Governance: Real-time tracking, budgeting, chargeback, and enforcement at project/budget granularity



Security & Compliance: Includes IL-5/CUI/ITAR compliant High-Security Platform (HSP) option, with the Authorization to Operate (ATO) at the U.S. Department of Defense (DoD) Impact Level 5 (IL-5), granted by the High Performance Computing Modernization Program in August 2025.



Unified Orchestration: Administer and monitor all control plane elements through our unified user interface and API to interact with and share diverse computing environments rather: on-premise, cloud, or edge.

On-Prem Clusters



Private Clouds



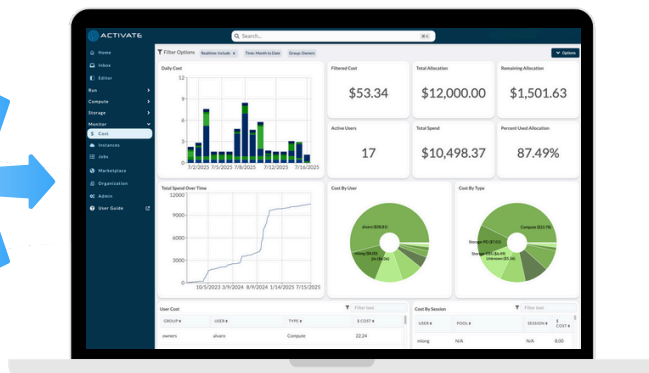
Hyperscale Clouds



AI Clouds & Services



Near / Far Edge



Parallel Works ACTIVATE empowers teams to run AI and HPC workloads at scale—securely, efficiently, and without disruption. It streamlines hybrid orchestration across on-prem, cloud, and edge environments, while providing granular cost controls, seamless integration with existing systems, and high-security deployment options.



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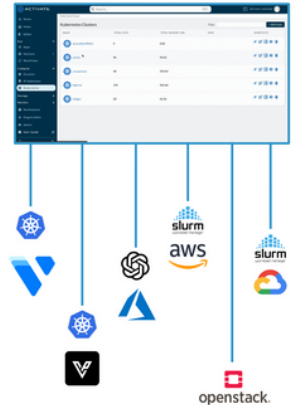
Additional ACTIVATE Benefits

ACTIVATE AI

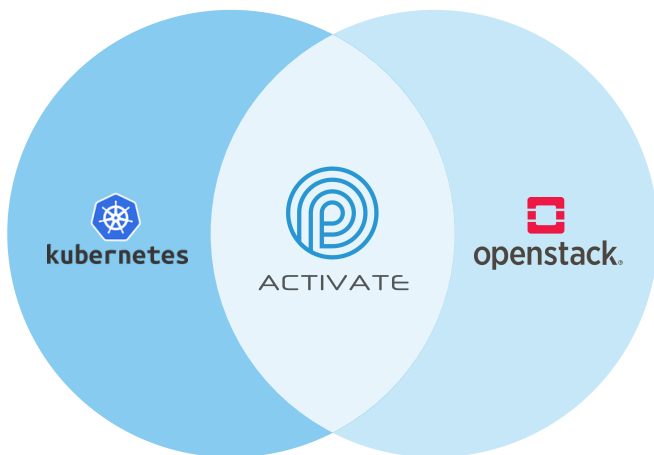
ACTIVATE AI extends the capabilities of the ACTIVATE platform with tools purpose-built for GPU-intensive AI workloads. It delivers **Kubernetes-native orchestration** across hybrid and multi-cloud environments, enabling teams to run, scale, and govern AI/ML workflows with the same policy-driven control, real-time cost tracking, and hybrid flexibility that define ACTIVATE.



Flexible configurations



Unified resources

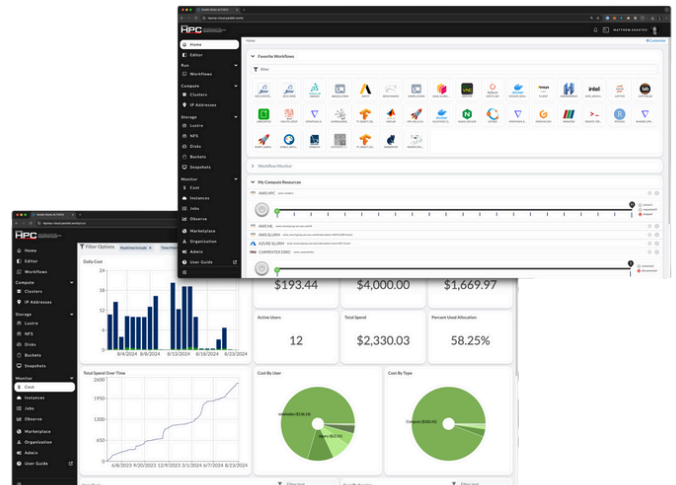


Open Source Integration Collaboration

ACTIVATE integrates seamlessly with leading open-source tools and frameworks, giving users flexibility and choice across the HPC and AI stack.

ACTIVATE High Security Platform

Parallel Works ACTIVATE High Security Platform (HSP) is the first hybrid, multi-cloud platform purpose-built for US national security workloads. ACTIVATE HSP transforms secure computing by offering a preauthorized, mission-ready control plane for managing cloud, on-prem, and edge resources



Access Parallel Works ACTIVATE HSP today. Schedule a [live demo](#).



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