



# 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



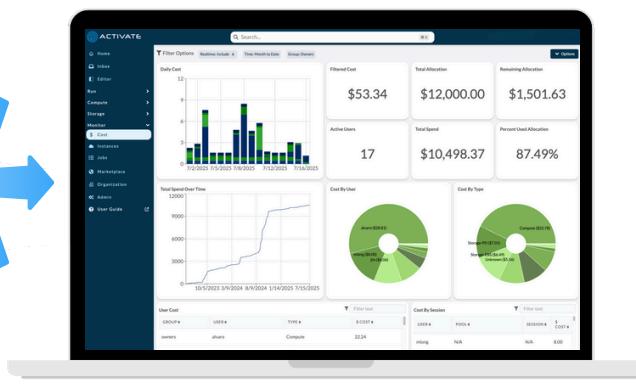
#### Hyperscale Clouds



#### 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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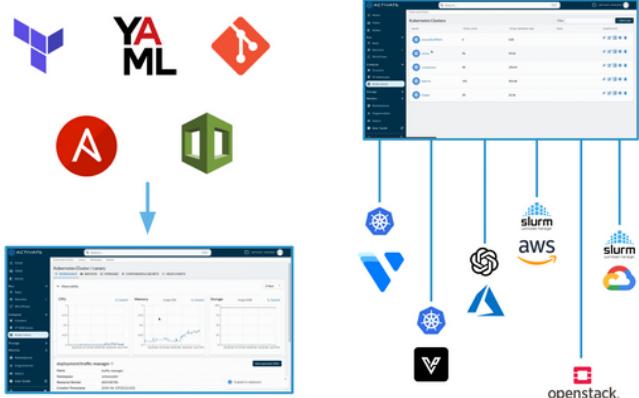
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### Additional ACTIVATE Benefits

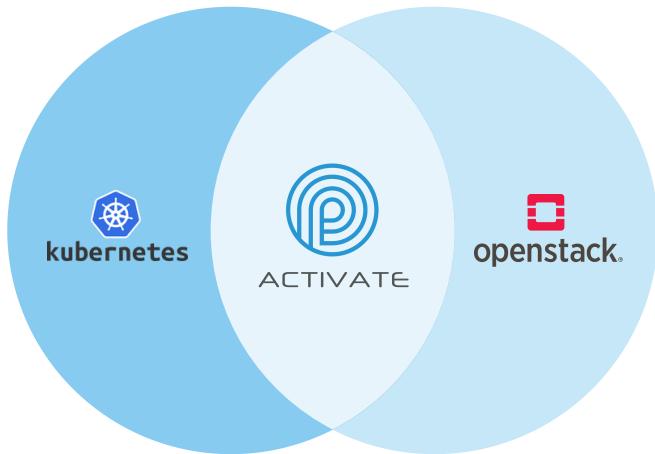
#### ACTIVATE AI

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

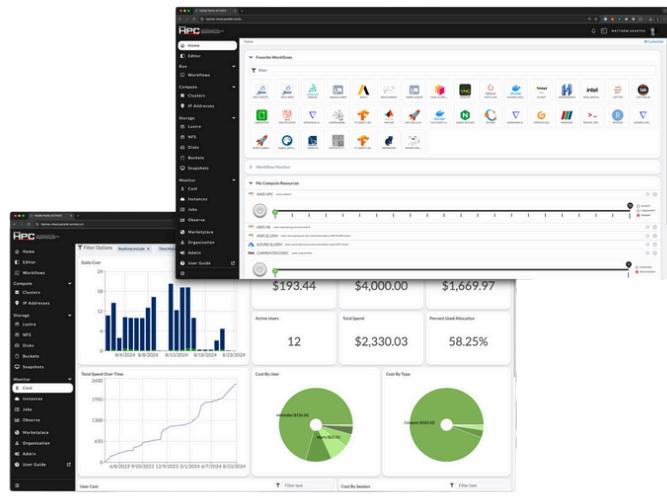


#### ACTIVATE High Security Platform

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.

#### 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.



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



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