



NVIDIA FLEET COMMAND

Securely deploy, manage, and scale AI at the edge

Edge Management Requires New Tools

The distributed nature of edge locations can make managing edge AI complex and challenging. For enterprises gathering insights from many separate locations, installing hardware, deploying software, and maintaining upgrades at each individual location is both time consuming and costly. Additionally, the skilled IT personnel needed to execute these tasks, along with on-call support, can be difficult to arrange for numerous remote or geographically dispersed locations. Therefore, organizations rely on centralized management platforms as a critical component of their edge AI solutions.

Orchestrate Edge AI With NVIDIA Fleet Command

NVIDIA Fleet Command™ is a managed platform for container orchestration that streamlines provisioning and deployment of systems and AI applications at the edge. It simplifies the management of distributed computing environments with the scale and resiliency of the cloud, turning every site into a secure, intelligent location.

NVIDIA Fleet Command connects even the most remote locations to a central control plane so edge workloads can be deployed to power use cases in virtually every industry.







KEY CHALLENGES

- > Edge computing requires edge tools. Data center solutions lack necessary agility
- > Organizations will have hundreds or thousands of independent edge deployments
- > Remote locations lack skilled IT to build and maintain complex deployments
- > Data center security models do not apply when IP and insights exist outside of the firewall
- > Building an edge management solution from scratch is complicated and time-consuming

GET STARTED

- > Get immediate, short-term access to NVIDIA AI running on private accelerated compute infrastructure.
- > Speed up the development and deployment of modern, data-driven applications.
- > Test and prototype across the entire AI workflow on the same complete stack you can purchase and deploy.

Try **NVIDIA LaunchPad** [here](#)

TURNKEY AI ORCHESTRATION	LAYERED SECURITY	GLOBAL SCALE	AI ECOSYSTEM
 <p>> Fully operational in minutes instead of weeks, NVIDIA Fleet Command is optimized to deliver AI applications at the edge, simply and securely.</p>	 <p>> NVIDIA Fleet Command is secure by design, built on a zero-trust architecture with layered security for hardware, applications, and users.</p>	 <p>> NVIDIA Fleet Command seamlessly scales AI across thousands of distributed locations, turning every site into an intelligent location.</p>	 <p>> NVIDIA Fleet Command leverages a broad catalog of ready-to-deploy partner applications and a robust set of enterprise AI tools to create a secure, end-to-end platform for edge AI that's capable of operating in any environment.</p>

Turn Every Site Into an Intelligent Location

NVIDIA Fleet Command makes the orchestration of edge locations easy by centralizing all of the steps necessary to bring a location online. Provisioning new systems at edge locations in Fleet Command takes minutes and does not require skilled IT professionals or specialists at each edge location. Once edge locations are online, deployments are created in just a few clicks by selecting the desired application from a custom repository or the NVIDIA NGC™ AI software hub and pairing it with a desired deployment location. A custom dashboard provides detailed monitoring capabilities, and remote system and application access make day-to-day maintenance painless. With Fleet Command, every site can be an intelligent location collecting valuable insights for data-driven organizations.

Get Started with NVIDIA Fleet Command

NVIDIA LaunchPad makes getting started with Fleet Command easy. LaunchPad provides immediate, short-term access to a Fleet Command instance to easily deploy and monitor real applications on real servers. Hands-on labs walk you through the entire process, from infrastructure provisioning and optimization to application deployment in the context of applicable use cases, like deploying a vision AI application at the edge of a network.