

CASE STUDY

Monetizing AI Infrastructure as an Alternative Asset Class

ARC
COMPUTE

H9K



Overview

HAL 9000 partnered with Arc Compute to design, procure, deploy, and monetize a high-performance GPU cluster across multiple data centers in the US.

Arc Compute delivered a turnkey infrastructure solution, from hardware sourcing and data center placement to marketplace integration and revenue generation, enabling HAL 9000 to:

- Stand up a production-ready GPU cluster in a week
- Begin generating revenue within 24 hours of the servers being brought online
- Achieve high utilization rates within days of deployment (90%+)
- Establish a scalable model for future expansion

Within one week of deployment, the cluster was fully tenanted, and HAL 9000 began evaluating a second, larger deployment to meet continued market demand.

H9K

Company Background

HAL 9000 is a subsidiary of a private investment group focused on deploying capital into AI infrastructure as an alternative asset class. Rather than investing directly into AI software companies, HAL 9000 invests in high-performance GPU clusters that generate revenue by serving AI developers and enterprises requiring scalable compute.

With growing global demand for AI training and inference, HAL 9000 identified GPU infrastructure as a lower-risk, asset-backed strategy to participate in the AI economy.



The Challenge

Strategic Requirements

- 1 Rapid Time to Revenue**
Deploy GPU infrastructure that begins generating income immediately after installation.

- 2 Risk Mitigation**
Avoid speculative investment in early-stage AI startups while still gaining exposure to AI market growth.

- 3 High Utilization**
Ensure GPUs are consistently rented to minimize idle capital.

- 4 Infrastructure Expertise**
Navigate complex procurement, data center selection, power density requirements, and cooling constraints.

- 5 Geographic Strategy**
Deploy infrastructure in cost-effective U.S. markets with strong data center capabilities and access to AI demand.



The Arc Compute Solution

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Strategic Data Center Placement

Clusters were deployed in AI-ready Tier 3 U.S. data centers, which were selected for:

- Competitive power pricing
- Adequate cooling capacity for high-density GPU clusters
- Infrastructure reliability
- Proximity to demand

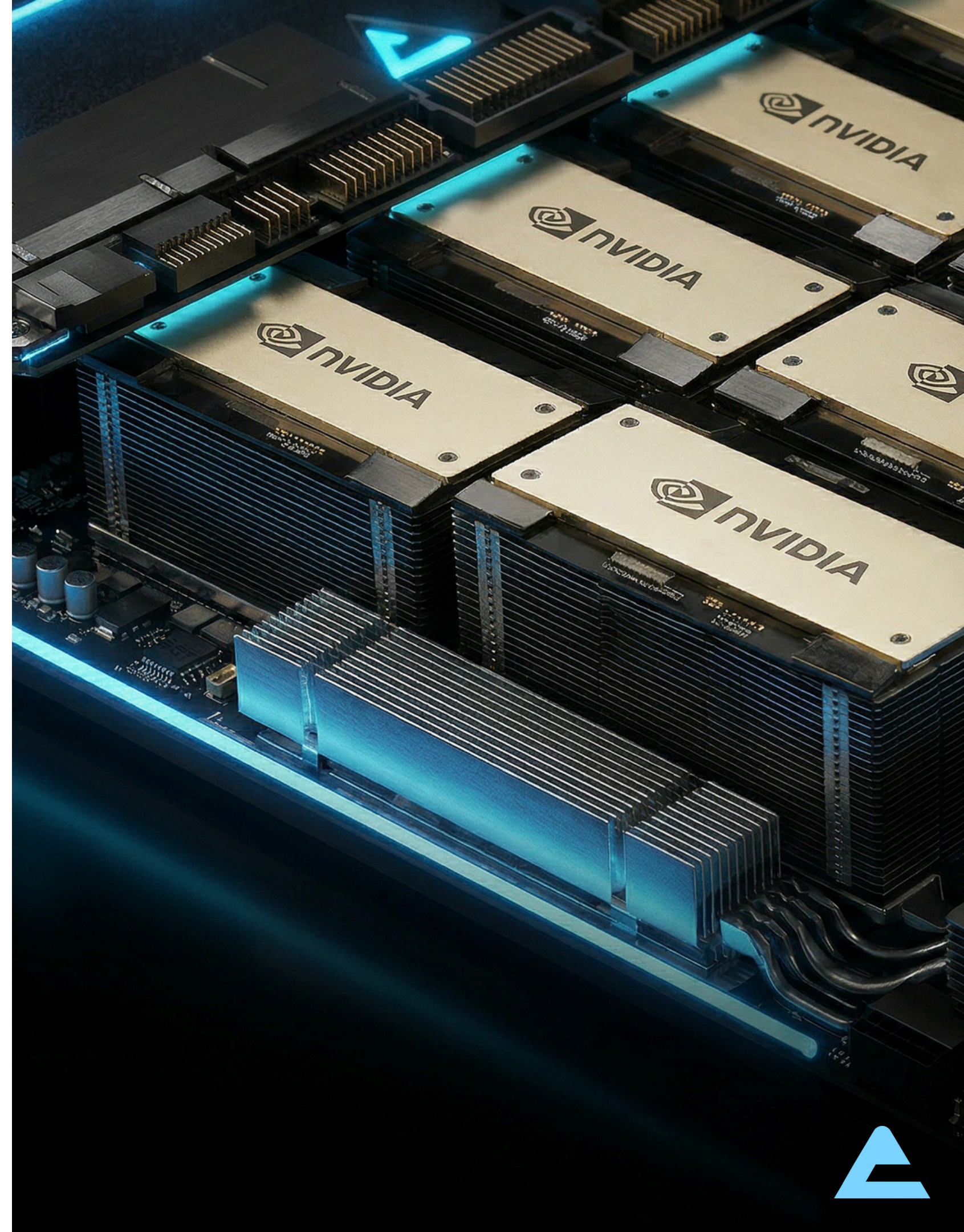
Arc Compute managed site selection, procurement, and installation logistics.

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Accelerated Deployment

- Cluster installed and operational in approximately five days
- Infrastructure integrated into Arc's cluster management platform
- Compute made available to the marketplace immediately

This minimized capital sitting idle and accelerated revenue realization.



The Arc Compute Solution

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Immediate Monetization Strategy

- Initial deployment onto interruptible workloads to generate revenue immediately
- Transition to longer-term contracts as customers validated performance
- Flexible contract structures aligned with current market behavior

The result: GPUs began generating revenue almost as soon as they were powered on.

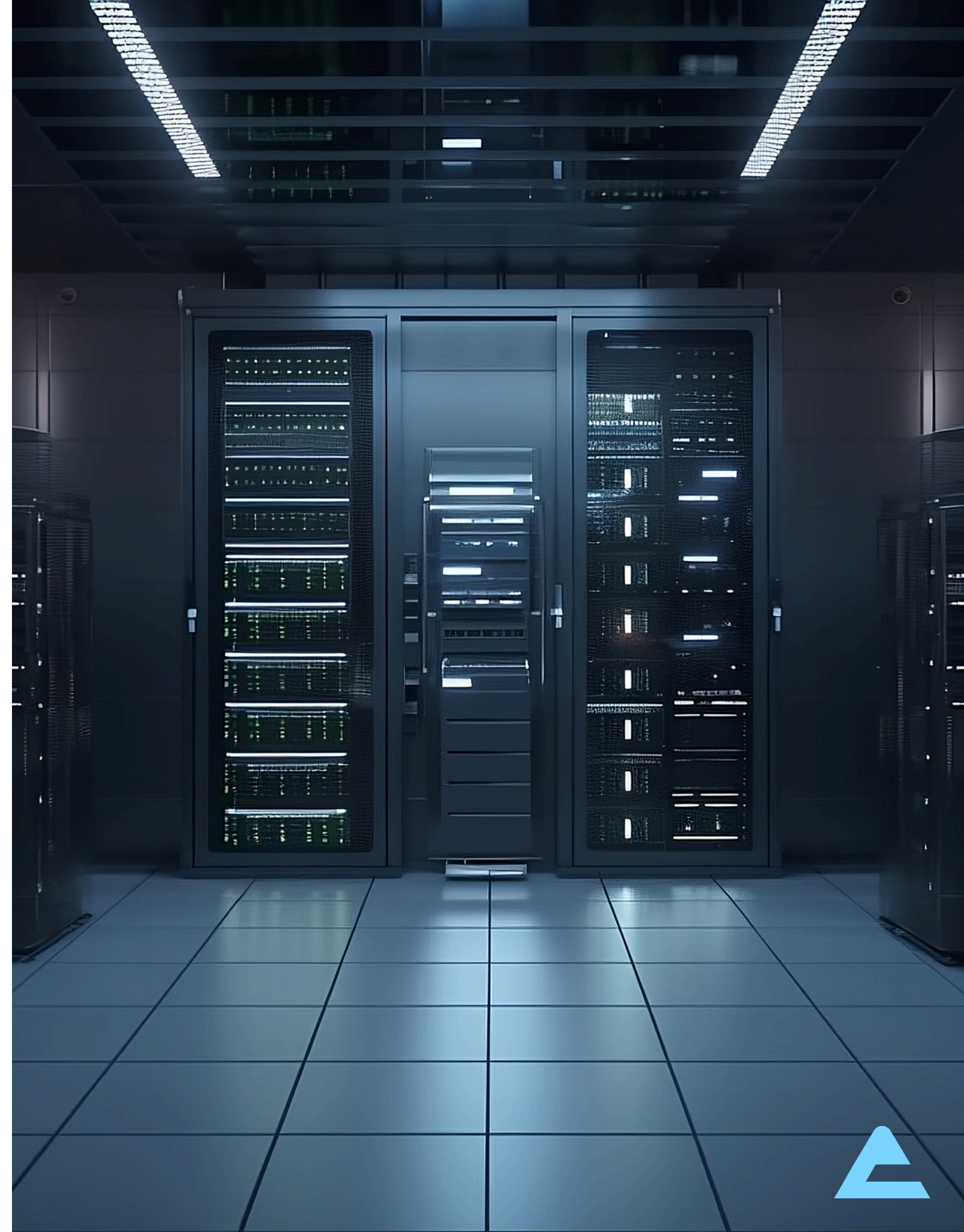
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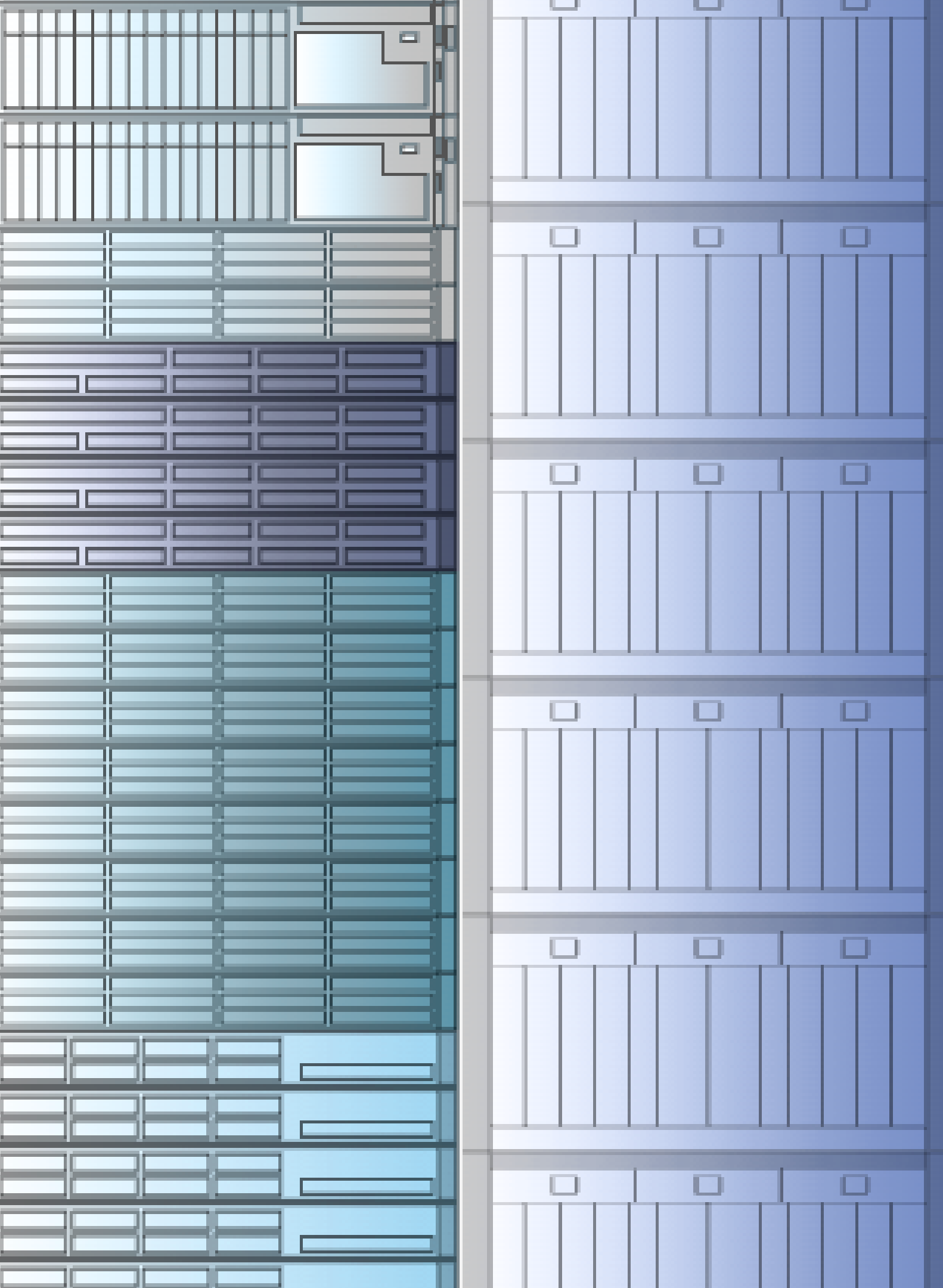
Marketplace Integration & Ongoing Management

Each cluster was integrated into Arc Compute's infrastructure platform, which handles:

- Provisioning
- Customer onboarding
- Support coordination
- Utilization monitoring

This allowed HAL 9000 to focus on capital strategy while Arc manages operational execution.





Deployment Model

Ownership Structure	Private investment entity (AI infrastructure as an asset class)
Geographic Footprint	U.S. data centers
Deployment Timeline	~5 days to operational readiness
Time to Tenanting	Fully utilized within approximately one week

Arc Compute coordinated hardware procurement, data center onboarding, and workload placement, ensuring rapid activation and revenue generation.



Impact & Results

Monetization in Under One Week

From cluster activation to full tenancy in approximately seven days.

High Utilization Rates

Sustained demand from AI developers and platforms seeking reliable, cost-effective GPU capacity with flexible term lengths.

Reduced Market Risk

Exposure to AI growth without dependence on a single AI startup's success.

Scalable Investment Model

Success of the initial deployment led HAL 9000 to begin planning a second, larger cluster.

Competitive Positioning vs. Hyperscalers

By focusing on performance-focused, cost-efficient infrastructure without hyperscaler overhead, HAL 9000's cluster offers:

- Competitive pricing
- Flexible contracts
- Bare-metal performance preferred by many AI workloads



Why HAL 9000 Chose Arc Compute

- ✓ Deep expertise in AI infrastructure procurement
- ✓ Proven monetization strategies
- ✓ Fast deployment timelines
- ✓ Access to real market utilization data
- ✓ End-to-end operational support

Arc Compute enabled HAL 9000 to move from capital allocation to revenue-generating AI infrastructure in days, not months.



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Arc Compute provided a seamless path from investment to monetization. The speed of deployment and tenanting exceeded expectations, and their infrastructure expertise allowed us to enter the AI compute market with confidence.



Austin Haase

Procurement Manager
HAL 9000 LLC



Contact Us

✉ sales@arccompute.io

🌐 www.arccompute.io

📍 31 Scarsdale Rd, Unit 4, North York,
ON, Canada

About Arc Compute

Arc Compute specializes in designing, procuring, and implementing state-of-the-art AI and HPC infrastructure. Through strategic industry partnerships, deep technical knowledge, and a hands-on procurement and deployment model, Arc Compute offers end-to-end solutions that accelerate enterprise AI initiatives while optimizing total cost of ownership.

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