

CUSTOMER SUCCESS STORY

Research and the clinic, sharing one estate safely.

Imaging, discovery, and clinical documentation competed for the same GPUs — with clinical workloads losing to research jobs that ran for days. **UPC Vektor** made the estate shareable, governed, and accountable.

62–67%

Healthcare AI adoption reached roughly 62–67%, the fastest acceleration of any industry. As programmes multiply inside one organisation, the constraint moves from whether models work to how clinical and research workloads share infrastructure without either one suffering.

THE SITUATION

Clinical work waiting behind research jobs

Imaging, drug discovery, clinical documentation, and record retrieval all drew on one GPU estate. The contention had clinical consequences:

- **Documentation latency slipped** when multi-day discovery training saturated the pool.
- **Allocation was informal.** Research and clinical teams negotiated capacity between themselves, with no entitlement model.
- **Governance was manual.** Demonstrating who accessed which model and under what policy took weeks of evidence-gathering.
- **Grant accounting was guesswork.** Research computing could not attribute GPU consumption to a specific study.

THE DECISION

Make the estate shareable by policy

Rather than split the estate physically and strand capacity on both sides, the system introduced a control plane that guarantees clinical priority while letting research use everything else.

“A clinician waiting on documentation should never be behind a training job. Once priority was enforced by the platform rather than by agreement, that stopped happening.”

— CHIEF INFORMATION & DIGITAL OFFICER

DEPLOYMENT SNAPSHOT

INDUSTRY

Healthcare & life sciences

ESTATE

Private GPU estate, two data centres plus DR

TENANTS

Clinical · Research · Imaging

WORKLOADS

Imaging · Drug discovery · Documentation · Record RAG

PRIORITY MODEL

Clinical inference guaranteed above research training

GOVERNANCE

RBAC, SSO, MFA, audit logging, policy enforcement

ECONOMICS

GPU attribution by study and programme

WHAT UPC VEKTOR CONTROLS

Orchestrate

Clinical inference holds **guaranteed priority**; discovery training runs against remaining capacity and is pre-empted by policy, not by negotiation.

Govern

Tenant isolation between clinical and research, RBAC and MFA, and **audit logs** that answer access questions without a manual evidence exercise.

Measure

GPU-hours and token consumption attributed by study, programme, and service line, making **grant and budget accounting** defensible.

Operate

Idle-capacity detection returns unused research allocation to the pool instead of leaving it stranded overnight.

WHAT CHANGED

BEFORE UPC VEKTOR

- Clinical documentation **queued behind training jobs**
- Capacity negotiated informally between teams
- Access evidence gathered manually over weeks
- GPU consumption not attributable to a study
- Research allocations idle overnight, unused

WITH UPC VEKTOR

- Clinical inference holds **guaranteed priority**
- Entitlements per tenant, enforced by the platform
- Central audit trail across access and workloads
- Consumption attributed by study and programme
- Idle allocation reclaimed automatically

WHERE THE GAINS CAME FROM

Guaranteed clinical priority

Point-of-care workloads carry a policy the platform enforces, so a discovery run can never push documentation past the encounter.

Tenant separation

Clinical and research operate as distinct tenants with their own entitlements, access rules, and audit boundaries on shared hardware.

Attribution by study

GPU-hours mapped to programmes and studies turned research computing from an overhead pool into accountable, fundable capacity.

WHY THIS MATTERS IN HEALTHCARE & PHARMA

Capabilities from the UPC Vektor catalogue doing the work in this deployment:

AI Job Management

Quota and Entitlement Management

Workspace Management

PII Governance

Policies and Guardrails

Activity and Audit Logs

AI and GPU Cost Analytics

Disaster Recovery as a Service

BOTTOM LINE

UPC Vektor let clinical and research AI share one estate — with clinical priority guaranteed and every GPU-hour accounted for.

Ready to run your AI factory **with intelligence?**

Book a walkthrough of UPC Vektor, or ask us to assess your current GPU estate.

UPC VEKTOR™
UNITEDLAYER.COM



EMAIL

contact@unitedlayer.com



PHONE

+1-888-853-7733



X

x.com/unitedlayer



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linkedin.com/company/unitedlayer