

Infrastructure decisions are under more scrutiny than ever. Cost increases, renewal exposure, and underutilized resources are now being questioned at the executive level. Use these KPIs to identify inefficiencies, explain cost movement, and support infrastructure decisions with real data. **Each metric below highlights what to measure and what to look for in your environment.**

Infrastructure Utilization Rate

Measure % of compute, memory, and storage consumed vs. the total capacity.

- ▶ **Insight:** Exposes overprovisioned resources and immediate cost reduction opportunities.
- ▶ **Look for:** Systems consistently running below ~30% utilization.

Stranded Capacity Cost

Calculate the dollar value of provisioned but unused infrastructure capacity.

- ▶ **Insight:** Quantifies waste in financial terms that leadership can act on.
- ▶ **Look for:** Allocated resources with no sustained usage across reporting periods.

Cost Per Business Service

Track infrastructure cost allocated to specific apps or services.

- ▶ **Insight:** Connects spend to business value, not just total cost.
- ▶ **Look for:** High-cost systems with relatively low business impact.

Software License Utilization

Compare licensed capacity used vs contracted entitlements.

- ▶ **Insight:** Identifies over-licensed environments and renewal risk.
- ▶ **Look for:** Licensed capacity that exceeds peak usage patterns.

Storage Dormancy Rate

Identify % of storage with little to no activity over time.

- ▶ **Insight:** Highlights reclaimable capacity tied to inactive data.
- ▶ **Look for:** Volumes with minimal IOPS over extended periods.

Infrastructure Cost Trend (12–24 Mo.)

Project infrastructure cost based on usage trends.

- ▶ **Insight:** Enables proactive planning before renewal or expansion.
- ▶ **Look for:** Growth patterns that outpace current capacity or budget.

Where Many Teams Fall Short

Most teams define these KPIs, but can struggle to operationalize them. Common gaps include:

- Correlating performance data with cost in real time
- Maintaining the historical data required for accurate trend analysis
- Connecting insights across compute, storage, network, and cloud
- Explaining cost changes without manual effort

TURNING KPIs INTO ACTION

Use these KPIs to assess your infrastructure's cost and capacity performance. Effective application requires consistent, long-term visibility across systems, rather than isolated metrics. In practice, that means being able to:

- ✓ See how infrastructure behaves over time.
- ✓ Identify inefficiencies before they impact cost or performance.
- ✓ Connect performance data to cost and capacity decisions.
- ✓ Support planning and renewal decisions with real data.

See These KPIs Across Your Entire Environment

Schedule a demo to see how Galileo delivers unified visibility across infrastructure, connecting performance, cost, and capacity in one view.



OPTIMIZE



INTEGRATE



AUTOMATE



INFORM

See everything.
Solve ANYTHING.

