

SELL DATA, NOT BANDWIDTH

Modern data access for modern telecom operators

In the saturated telecom world, it's time to differentiate.

In today's hyper-competitive telecommunications landscape, the ability to rapidly adapt resources and deliver services with speed and precision is no longer a luxury—it's a necessity. Telecom operators face mounting pressure from exploding data volumes, the expansion of 5G, edge, and hybrid infrastructure, and the demand to provide high-performance connectivity. Yet, network modernization and operation efficiency is hampered by legacy systems, geographic data distribution, privacy and governance requirements, and an urgent need to deliver flawless experiences while controlling costs.

Challenge	Impact
 Data / infrastructure are duplicated to provide local-like performance	Increased operational and hardware costs, data management complexity
 Personalization made on stale data is inaccurate and inefficient	Poor / lower customer satisfaction, creating churn and revenue loss
 Expansive edge infrastructure make data difficult to manage	Difficulty to generate ROI from edge investment and operationalize innovation
 Lack of differentiation and service commoditization flatten average revenue per user	Lower margins and customer switching costs—creating urgency for faster innovation and leaner operations

A better data access platform

Use and store data without compromise



Vcinity eliminates the distance between data and operations, enabling high-performance compute on distributed data—all without copying, moving, or staging it. This gives your infrastructure the speed, precision, and flexibility modern workloads demand.

Distinctive features that help protect your most critical asset: your data

- No data manipulation**

No replication, deduplication, or compression required, ensuring the original data remains unaltered
- Packet-level obfuscation**

Secure data at the packet level and reassemble it only at the destination—making interception nearly impossible and enabling rapid tamper detection
- Maximize network efficiency**

Over 90% sustained WAN bandwidth utilization across satcom, 5G, LTE, CSP, and terrestrial networks delivering consistent, predictable outcomes

Why telecom organizations choose Vcinity



Competitive Differentiation

Predictable, high data throughput over distance provides the ability to sell services by data delivered as opposed to bandwidth allocation—enabling premium pricing and higher margins.



Optimized Operations

Reduce infrastructure sprawl, storage costs, and data transfer overhead—and energy costs. Ensure distributed, operational continuity with compliant data access.



Customer Experience & Retention

Near-instant, high performance data access enables delivery of superior, integrated customer experiences—boosting satisfaction, retention, and unlocking new revenue streams.



ROI from AI Investments

Increase return from AI/ML and edge efforts around automation, fraud protection, and new customer offerings with accelerated, high volume data access and expansive resource agility.

Where they use Vcinity within their organization

Situations wherein time, distance, or copies are (no longer) a problem, such as:

Real-time AI/ Analytics from the edge

- **Problem:** Moving massive datasets from network edge to centralized clouds is costly and strains available bandwidth
- **Solution:** Deliver near-instant, federated access to distributed data while it stays in place—no waiting, no bandwidth congestion
- **Benefit:** Enable faster, more holistic training and inferencing for better vetted models and insights, while simultaneously unlocking the ability to monetize data-rich edge services

Modernized network management

- **Problem:** Operators need to troubleshoot and optimize huge networks, but transmitting massive data volumes creates delays
- **Solution:** Utilize 90%+ of network for data to provide fast, secure transmission, as well as access distributed performance datasets to diagnose and solve network issues in near real-time
- **Benefit:** Improve uptime, accelerate network optimization cycles, and enhance customer experience with better quality of service

Remote observability at scale

- **Problem:** Petabytes of telemetry and other data live across millions of hybrid and geographical endpoints; moving data to central locations for centralized insight is slow
- **Solution:** Unify visibility across decentralized infrastructure with hyper-fast movement or secure, near real-time remote access to data
- **Benefit:** Streamline operations while boosting agility, and accelerate incident identification and resolution

Ready to redefine what you can offer the market?

Where seconds matter, contact Vcinity at sales@vcinity.io to learn more.