Leveraging In-State Data Storage & Computing Improved Speed and Quality at Reduced Cost

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Why This Matters Now

- Massive data growth: AI, IoT, and automation needs are exploding

- Centralized cloud solutions are no longer ideal for everything

- Local solutions = strategic advantage

The Challenge with the Cloud

- High latency over long distances

- Expensive egress and bandwidth costs

- Data privacy & sovereignty risks

- Vulnerable to disruptions in connectivity

Benefits of Local Infrastructure

- Speed: Data is closer to users/devices = low latency

- Quality: More reliable, real-time performance

- Cost: Avoid egress fees, reduce transport costs

Deeper Dive - Speed & Performance

- Reduced latency = better user experience

- Critical for edge workloads like AI, video analytics, and remote monitoring

- Local processing = faster decision-making

Quality & Reliability

- Fewer points of failure

- Optimized for specific local needs

- Enhances service delivery in rural or remote areas

Cost Efficiency

- High latency over long distances

- Expensive egress and bandwidth costs

- Data privacy & sovereignty risks

- Vulnerable to disruptions in connectivity

Use Cases

- Cordova, Alaska: Micro-data center supporting local utility with edge compute

- Healthcare/Telemedicine: Faster diagnostics via local AI compute

- Smart Grids: Real-time management and predictive maintenance

Vision & Opportunity

- Build a resilient, self-reliant data ecosystem

- Partner with utilities, governments, and private sector

- Lead the future of sustainable, localized infrastructure

Build the Future - IN ALASKA!

- Support local infrastructure initiatives

- Explore hybrid strategies: edge + cloud

- Let's connect: collaboration is the next step

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