Revolutionizing Edge-to-Cloud Infrastructure with Integrated Storage and Compute

Simplify, Secure, and Scale Your Distributed IT Environment

Modern enterprises are under pressure to manage explosive unstructured data growth, rising infrastructure costs, and increasing security risks—all while supporting distributed operations across retail branches, clinics, manufacturing plants, and financial offices. Traditional IT stacks with separate storage, compute, and networking components are no longer agile or efficient enough for today's edge-to-cloud demands.

Scale Computing and Nasuni have partnered to deliver a unified, enterprise-grade infrastructure solution designed for the edge and optimized for the cloud.
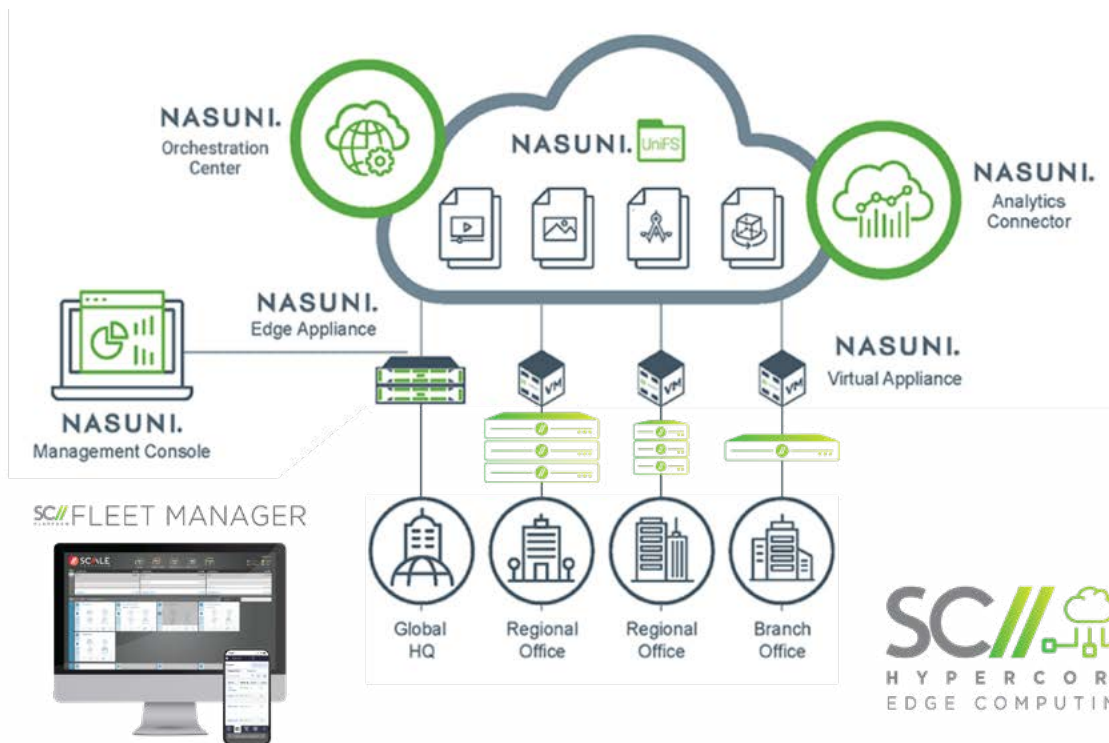
A Unified Edge-to-Cloud Platform for Data-Centric Operations

Enterprises today face escalating challenges in managing unstructured data growth, particularly across multiple locations:

- **Escalating Costs:** Traditional NAS and file server infrastructures are expensive to scale and maintain.
- **Complex Management:** Coordinating disparate storage and compute resources across sites increases operational complexity.
- **Security Vulnerabilities:** Protecting data against ransomware and ensuring rapid disaster recovery is increasingly difficult.
- **Limited Scalability:** Traditional systems often cannot flexibly accommodate rapid data growth or dynamic business needs.

The collaboration between Scale Computing and Nasuni offers enterprises a transformative approach to managing unstructured data across distributed environments. By integrating Scale Computing's hyperconverged infrastructure (HCI) with Nasuni's cloud-native file services platform, organizations can achieve a seamless, resilient, and scalable IT infrastructure that simplifies deployment, enhances security, and reduces total cost of ownership (TCO).

Integrated Edge-to-Cloud Infrastructure

The architecture brings together:

- Local SC//Platform clusters delivering virtualized workloads and file caching at the edge
- Nasuni Edge Appliances providing high-speed access to cached files
- Centralized cloud object storage for scalable, secure file consolidation and disaster recovery

Aligned Vision and Values: Resilient Infrastructure from the Edge to the Cloud

Scale Computing + Nasuni delivers a complete infrastructure solution for edge, core, and cloud.

Scale Computing Platform

A self-healing, highly available, and scalable HCI system that integrates compute, storage, virtualization, and disaster recovery in a compact, cost-effective form factor. Ideal for remote and branch locations with limited IT support.

Nasuni File Data Platform

A cloud-native global file system that consolidates file storage into cost-effective cloud object storage, while maintaining local performance and global accessibility. Built-in ransomware protection and rapid recovery provide peace of mind.

Both Scale Computing and Nasuni are focused on delivering solutions that are:

- Edge-Ready: Built for performance and resilience in environments with limited space, connectivity, or staff
- Cloud-Optimized: Architected to scale effortlessly and cost-effectively using public cloud economics
- Security-First: Embedded protection mechanisms against ransomware, downtime, and data loss
- Simplified by Design: Operationally efficient to reduce IT burden, increase agility, and lower TCO

Together, we empower IT teams to do more with less—without compromising on performance, protection, or scale.

Key Benefits

- **Cost Efficiency:** Achieve up to 65% cost reduction by consolidating file data and eliminating redundant infrastructure.
- **Enhanced Security:** Benefit from immutable snapshots, rapid ransomware recovery, and end-to-end encryption for robust data protection.
- **Operational Simplicity:** Streamline IT management with centralized control, self-healing infrastructure, and automated disaster recovery.
- **Scalability:** Easily scale storage and compute resources to meet growing business demands without added complexity.

Use Cases

- **Retail:** Enable multi-store operations with centralized data access and local performance, reducing IT overhead.
- **Manufacturing:** Facilitate real-time data synchronization across production sites, enhancing operational efficiency.
- **Healthcare:** Ensure secure, compliant storage and compute for remote clinics, improving patient data accessibility.
- **Financial Services:** Provide scalable, protected data services across global branch offices, supporting regulatory compliance.

Why Choose Scale Computing and Nasuni?

- **Proven Integration:** Validated partnership delivering a cohesive, edge-to-cloud solution.
- **Cost Savings:** Significant reduction in infrastructure and operational expenses through consolidation and automation.
- **Robust Security:** Comprehensive data protection features, including ransomware recovery and self-healing capabilities.
- **Simplified Management:** Centralized control and streamlined operations across distributed environments.
- **Scalable Architecture:** Flexibility to expand resources seamlessly in response to business growth.

Transform Your IT Infrastructure Today

Discover how Scale Computing and Nasuni can revolutionize your data management strategy. Visit Nasuni or contact your Scale Computing representative to learn more.

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