



Join Orion for Retail

Transforming Brick & Mortar Retail Operations with Smart, Secure Networking

Challenge

Modern retail organizations are increasingly updating the IT tools and resources in their physical stores, with many systems moving to the cloud. From more basic solutions, like supply chain management and inventory management, to updated point-of-sales systems, to advanced theft-prevention solutions, such as RFID, the in-store environment is changing rapidly. This application sprawl, along with high customer expectations for an omnichannel experience, is presenting unique challenges for retailers in supporting the connectivity and security needs of their distributed physical stores.

How can you drive better business outcomes while managing the increasing complexity of your network environment?

In an industry facing slim margins and tight talent pools, legacy network providers cannot deliver an adequate solution that meets the combined operational, security, and cost requirements that retailers need today.

Solution Overview

Join delivers an innovative network solution for modern retail operations that is built on Join's secure, segmented, resilient network architecture, the Join Graphite Platform. Join Orion for Retail provides you with a network solution that meets your physical store requirements—secure, SOC2-compliant connectivity that supports your payment processing needs; high availability, resilient performance to ensure that customers and employees have an optimal experience interacting with related systems; and autonomous operations negating the need for on-site IT staffing or support. Join Orion for Retail is delivered as a fully managed service including network installation, operations, and support.



KEY FEATURES & TECHNOLOGIES



Zero Trust Architecture
& Enhanced Security



AI-Driven Proactive
Monitoring & Security



PCI Compliance including
end-to-end encryption,
multi-factor authentication
(MFA), network segmentation
and access control

Benefits

Lights-out Network Operations

Join Orion provides a lights-out approach to managing the network in your geographically dispersed locations. Join's powerful and flexible cloud-based microservices architecture enables us to fully manage the network remotely following the physical installation of the network at each store location. Our AI-supported virtual NOC provides complete troubleshooting and management capabilities so that the network doesn't require any support from your IT staff.

Security, Resilience and Compliance

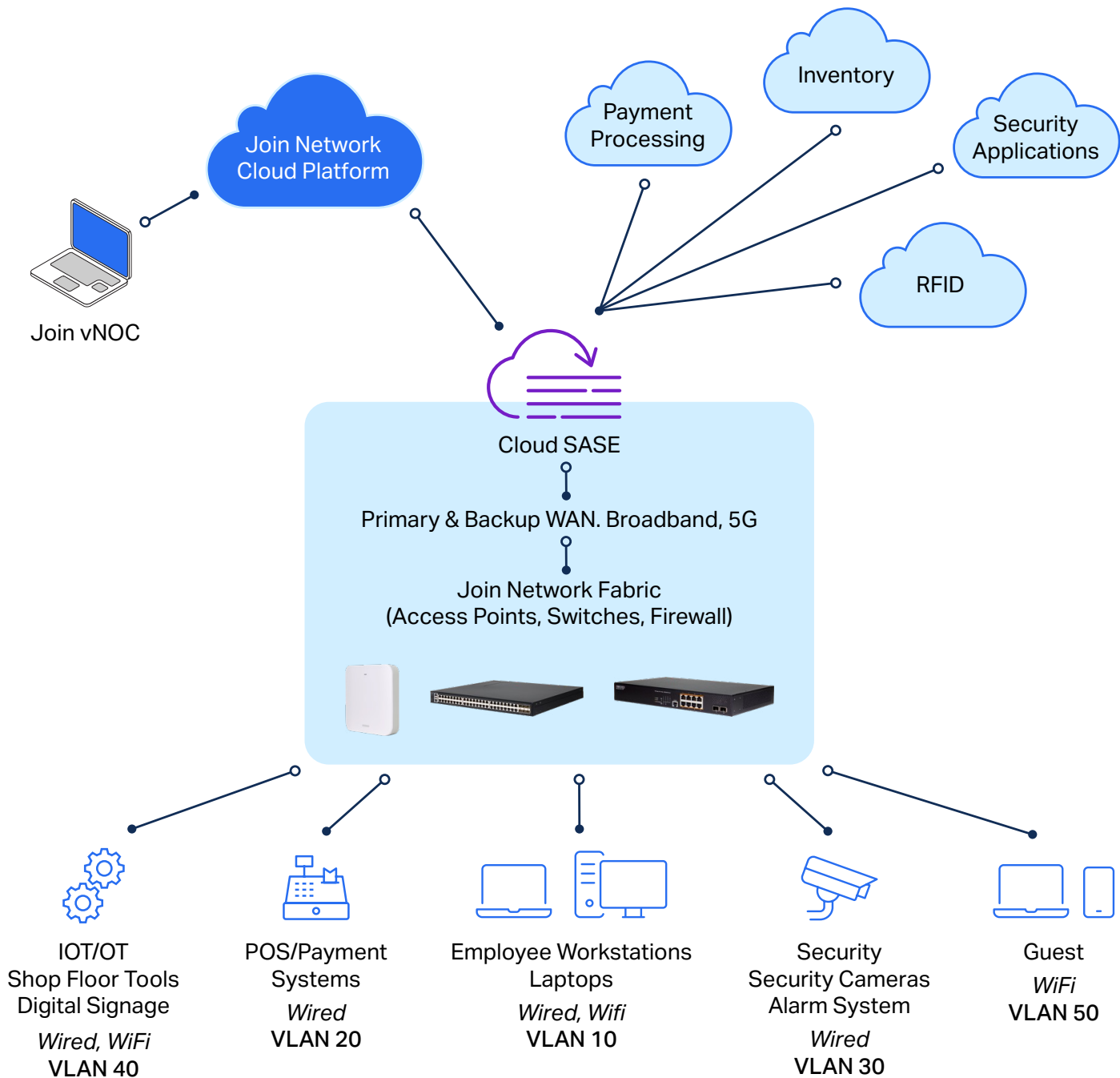
Join provides you the peace of mind you need with our secure architecture and network design. The Orion Retail Solution delivers a built-in Zero Trust architecture and network microsegmentation, which provides a secure foundation for the network. On top of this foundation, we implement strict VLAN isolation and segmentation for different network areas. We provision wired connections to support PCI compliance and added reliability. And we provide on-premise and Cloud security options, including the Join Qi firewall or integration with leading advanced solutions from Palo Alto Networks, Cato, and more.

A Cost-Optimized Solution

Because Join Orion for Retail is deployed as a Service, there are no upfront CapEx requirements; the network is delivered as a complete OpEx solution including hardware, software, network operations and support. Our robust software, right-sized hardware, and efficient operating model allows us to deliver a solution that is up to 40% less expensive than traditional network solutions, a boon to margin-conscious retail customers.

How It Works

In a typical retail environment, Join deploys 5 network segments, with each segment logically isolated through VLANs. Access is controlled via firewalls and authentication. This flexible deployment structure provides retailers the performance, reliability and security they need at each and every store.



Join SD-WAN

In addition to Join's robust network platform, the Join SD-WAN provides retailers the additional benefits of fully integrated SD-WAN functionality:

- **Intelligent Traffic Routing:** Real-time path selection based on performance and policies.
- **Application Optimization:** Quality of Service (QoS) and WAN optimization to improve application performance.
- **Multi-Transport Support:** Seamless connectivity over broadband, LTE, and 5G.
- **High Availability:** Automated failover and redundancy for business continuity.
- **Traffic Prioritization for VoIP & Media:** Advanced QoS and deep packet inspection to prioritize real-time traffic, ensuring minimal latency, jitter, and packet loss for optimal voice and video quality.

Why Join Orion?

The Join Orion NaaS solution provides retailers the capabilities they need to support their business goals, an omni-channel experience for their customers, and a modern, complex physical store environment:

- ✓ **Lights-out network operations**, meaning each store can be confident in its network without expensive staffing commitments.
- ✓ **Superior IoT connectivity capabilities**, so that you can be sure that every endpoint can connect.
- ✓ **Security, resilience and compliance** to ensure your business operations are secure.
- ✓ **Cost optimization**, so you can protect margins while delivering a state-of-the-art experience for your customers.



Visit joindigital.com or call **415-366-5638**
for more information or to request a demo.