Supercharging Payments with Secure SD-WAN

The Need For Digital Payments and SD-WAN

As the retail market has evolved, so has the need for more complex payments options. Juniper Research recently found that modern SD-WAN (Software Defined Wide Area Networking) solutions can play a critical role in helping retailers meet current and future market challenges. In a recent white paper, they reveal how SD-WAN provides retailers with a cost-effective, flexible, dependable and highly secure payments solution.
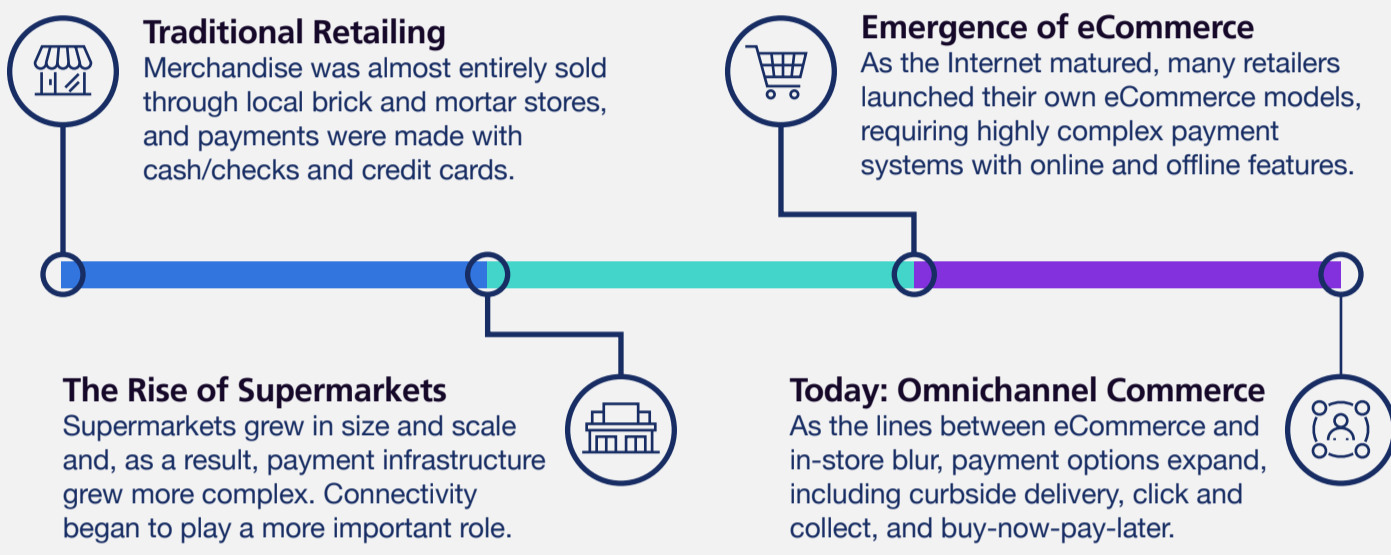
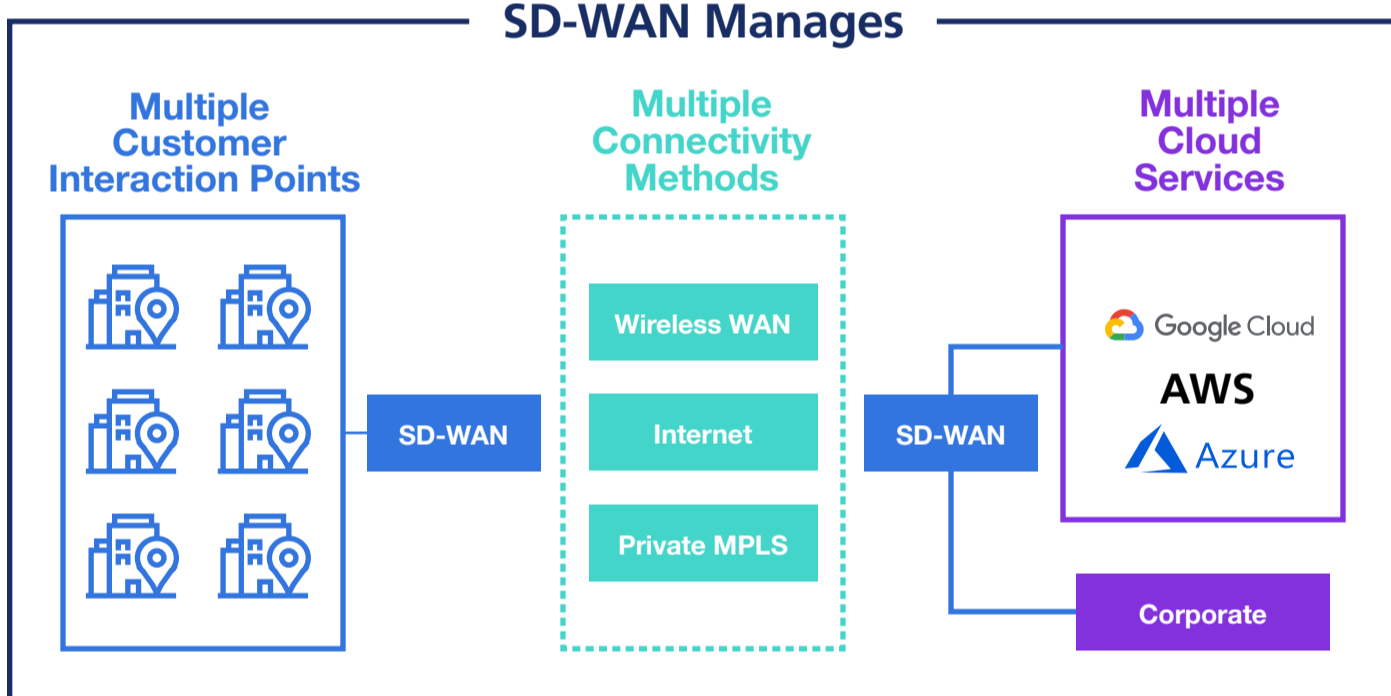**Learn more by downloading the Juniper Research white paper.**

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The Evolution of Retail

Juniper Research's white paper, which was prepared for TNS, explores how retail and payments have fundamentally changed over the past few years.

Traditional Retailing
Merchandise was almost entirely sold through local brick and mortar stores, and payments were made with cash/checks and credit cards.

Emergence of eCommerce
As the Internet matured, many retailers launched their own eCommerce models, requiring highly complex payment systems with online and offline features.

The Rise of Supermarkets
Supermarkets grew in size and scale and, as a result, payment infrastructure grew more complex. Connectivity began to play a more important role.

Today: Omnichannel Commerce
As the lines between eCommerce and in-store blur, payment options expand, including curbside delivery, click and collect, and buy-now-pay-later.

The SD-WAN Solution

According to Juniper Research's white paper, SD-WAN has quickly become the Omnichannel Commerce solution of choice. While modern networking requirements for retailers can be extraordinarily complex, SD-WAN manages and optimizes connectivity through the cloud, unifying and simplifying operations.

SD-WAN Manages

Multiple Customer Interaction Points

SD-WAN

Multiple Connectivity Methods
- Wireless WAN
- Internet
- Private MPLS

SD-WAN

Multiple Cloud Services
- Google Cloud
- AWS
- Azure
- Corporate

Benefits of SD-WAN Deployment for Retailers

Juniper Research's white paper lists a number of reasons why retailers are embracing SD-WAN.

Stronger Resiliency and Connectivity Uptime	By using multiple connectivity carriers under one agreement, the risk of outages decreases.
Reduced Total Cost of Ownership	With SD-WAN, retailers can outsource system management, reducing costs for networking and hardware while improving connectivity.
Reduced Total Complexity of Ownership	SD-WAN simplifies the payment process, reducing the costs of security, compliance and vendor management.
Greater Flexibility and Scalability	SD-WAN can be deployed on a larger scale and faster timeline than traditional solutions.
Greater Security	SD-WAN has a number of built-in security features that safeguards against viruses, hacking and ransomware attacks.
Improved Customer Experience	SD-WAN lets retailers introduce more online and in-store services such as free customer Wi-Fi, and stronger payment acceptance.

TNS Secure SD-WAN

SD-WAN can be a powerful accelerator of digital transformation but to get the biggest benefits, retailers much choose the right SD-WAN vendor. TNS Secure SD-WAN is the leading payments networking solution for branch retail locations combining PCI compliance, global connectivity, network security and specialist hardware under one comprehensive system. It is a managed service powered by Fortinet.

Get the whole SD-WAN story by reading the entire Juniper Research report.

[Download the White Paper]

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