

TNS Secure SD-WAN Delivers Secure Mission Critical Payments Services

TNS Delivers a PCI compliant, highly secure SD-WAN solution for merchants, banks and acquirers who handle payments

As retailers, banks and acquirers pursue digital transformation, SD-WAN has proven to be the preferred network solution to support cloud adoption, especially when a PCI DSS compliant payment capability is required.

TNS Secure SD-WAN solves some of the most critical issues

for merchants with its market leading solution in partnership with Fortinet.

TNS' 30-year legacy in providing reliable and resilient payment connectivity is now available as a mission-critical application/ solution in an SD-WAN environment.



Reduce Legacy Network Costs

TNS Secure SD-WAN reduces Opex by up to 40% by leveraging internet connectivity and replacing MPLS. TNS' managed services are designed around customer need, which results in a lower total cost of ownership (TCO).

Additional savings are realized as excess data is contained and economies of scale are applied to router distribution, compliance and security costs.



Secure Cloud Access

As more functions and operations migrate to the cloud, security concerns become paramount. Because TNS has Level 1 PCI DSS certification, it provides highly secure two-way cloud connectivity.

TNS supports multiple connections to the major cloud platforms and has IPSEC tunneling, URL filtering and SSL packet inspection, plus anti-virus protection with anti-malware and anti-spying protection.



High-Touch Customer Service and In-Store Experience

A TNS hallmark is providing superior high-touch customer service and support. TNS Secure SD-WAN has persistent monitoring utilizing its three network operating centers (NOCs) located in the US, UK and Australia.

It's how TNS delivers an unsurpassed 99.99% connectivity uptime rate.

More important, TNS supports in-store cloud applications and can provide customers with added benefits like secure wi-fi and LAN switching.



Network and Payments Reliability and Flexibility

TNS has provided its payments customers with unsurpassed reliability, security and network resiliency since 1990.

For SD-WAN environments, TNS supports LTE backwards compatible connectivity that's remotely adjustable. Its secure SD-WAN routers are "zero-touch" and its SIM cards can be remotely activated or deactivated to eliminate the prospect of dormant SIMs.

TNS delivers resiliency by diversifying risk by contracting with multiple carriers. It maintains geographic redundancy through its NOCs while also ensuring high server availability.

Benefits

Reducing Legacy Costs

- A managed service provider reduces the cost of security, compliance and vendor management
- Reduce WAN Opex by leveraging internet connectivity instead of MPLS (~40% cost reduction)
- Multiple carriers used reduces risk of carrier outages
- Cost reduction through less excess data, router distribution, admin, compliance and security
- Removes cost of router configuration, testing and repairs
- Reduce PCI scope
- Lower operating cost

Improved Customer Service

- Expand in-store services like customer Wi-Fi
- Manage and prioritize data routing
- Easily increase capacity with internet connectivity
- TNS Secure SD-WAN routers are 'zero-touch'
- Widen payment acceptance
- Supports modern cloud apps in-store
- Manage and monitor multiple devices in-store more efficiently by optimizing data traffic
- Upgrade or downgrade data plans without additional fees
- Prompt customer troubleshooting

Provide Secure Cloud Access

- Secure internet connectivity mitigating hacking and ransomware attacks
- Highly available and highly secure two-way cloud connectivity
- IPSEC tunneling
- Anti-virus protection with anti-malware and spyware
- URL filtering and SSL packet inspection
- Dynamic policy management
- Regular firmware updates

Resiliency, Reliability and Flexibility

- Level 1 PCI DSS certification
- 99.99% connectivity uptime
- Persistent monitoring
- Multiple carriers on one TNS contract mitigates outage risk
- Support LTE - backwards compatible and remotely adjustable
- Access pooled data plans
- Geographic redundancy
- High availability servers



A Trusted Payment Partner

During its 30-year history, TNS has provided secure payments solutions in multiple ways: through analog phone lines (dial-up), digitally (IP—via internet and private network) and now with SD-WAN. It's this breadth of experience and the ability to solve complex network and payment solutions that has made TNS a trusted partner to companies large and small.

TNS' managed service for end-to-end payment solutions means its customers benefit from zero-touch configuration hardware, active 24x7x365 monitoring and Level 1 PCI DSS certification.



To find out more about how TNS can help you with a wide range of payment solutions:

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