

SD-WAN and the Evolution of Payments

Retail transactions used to be simple. Someone paid cash and received a product or service in return. Purchases have become easier in many ways, and more complicated in others. SD-WAN helps simplify it.

The evolution of payments



Cash



Credit cards

POS terminals via telecom
Restrictive infrastructure

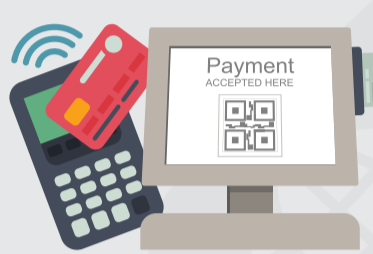


Digital payments

POS terminals via the internet
Open common-source API

Where digital payments are vulnerable

Digital applications make payments easier, but there is also increased risk. Below are places where digital payment security may be compromised from another source.



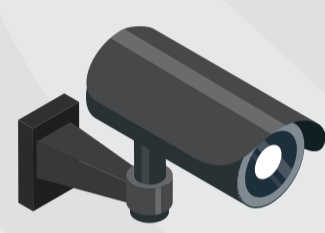
POS terminal/register



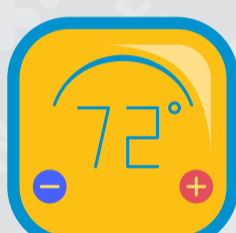
Computer



Printer



Security camera



Smart thermostat



Virtual reality terminal

In other words, **anything** connected to the internet represents a risk.

The benefits of SD-WAN

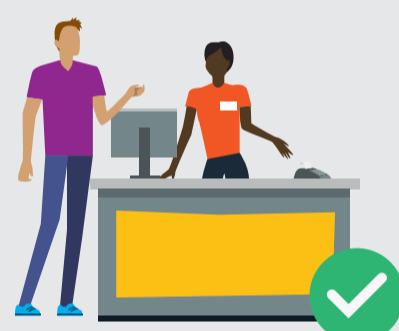
Software-defined wide-area networking (SD-WAN) provides a centralized way to manage a network and reduce complexity. With SD-WAN, retailers have a more efficient way to manage their business-critical applications like payment routing.



Provides a high level of detail for every connected device so retailers can prioritize their data usage.



Can protect sensitive card data with best-in-class security protocols including next-generation stateful firewalls (NGFW) and anti-virus features.



Let's retailers focus on the customer experience, and not payment security and reliability.

The flexibility of SD-WAN

Retailers can securely connect with SD-WAN in a variety of ways.



Online e-commerce gateways



Automatic Teller Machines (ATM)



POS terminals
Curbside & Order Ahead



Tablets for digital payments



Cash registers



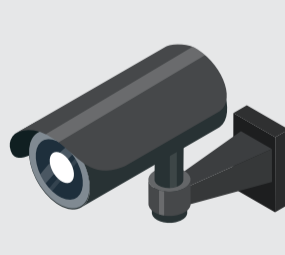
Printers



Back-office computing



Fuel forecourt tank gauges



CCTV cameras



Guest Wi-Fi networks

The perfect application for payments



With SD-WAN and a resilient, proven payments network infrastructure, retailers can securely and reliably manage payment transactions and gain peace of mind—for themselves and for their customers.

Find out more at tnsi.com/tns-secure-sd-wan