



# TNS Managed Encryption & Tokenization

## Simplify Payment Acceptance and Compliance

TNS' Managed Encryption & Tokenization service is an end-to-end, fully managed solution for the secure transport of encrypted credit, debit and other card-based payment transactions from a merchant's network to TNS' PCI DSS processing environments.

TNS provides a redundant and monitored solution that decrypts the transaction and delivers it to the processor or acquirer host(s).

TNS can seamlessly include a token in the response, allowing merchants to completely remove card data from their environment.

Tokenization allows merchants to support settlement flows, where TNS switches a token in the settlement file for the clear PAN before passing the file over to the host. TNS supports all merchant acceptance channels including in-store, unattended, online and mobile.

TNS' Managed Encryption & Tokenization service works effortlessly within an existing payments infrastructure and can reduce PCI scope and costs while also minimizing the overall risk of a merchant data breach.

## Merchants and Processors Around the World Choose TNS for These Critical Reasons:



Cardholder Data Encryption

PCI P2PE Validated Solution

Data Breach Risk Reduction

Cost Effective

Tokenization

Flexible Integration

PCI DSS Compliance

Multi-Processor Support



## Features

- **Terminal Agnostic, Fully Managed Point-to-Point Encryption (P2PE)** TNS' P2PE solutions support and are certified by major terminal manufacturers including Verifone, Ingenico, PAX and Equinox. Being a certified solution greatly reduces the risk of a data breach and minimizes card data security concerns.
- **Fast Integration for Merchants and Processors** TNS streamlines the integration to the processor's host platform. There is no need to reimplement new APIs or transaction interfaces—TNS seamlessly accepts the native processor/acquirers message format already being sent by merchants.
- **Highly Redundant and Available** Decryption infrastructure resides in TNS' secure, active data centers and uses dynamic routing capabilities to process transactions securely and successfully.
- **PCI Validated P2PE Solution** In partnership with Bluefin, TNS offers a fully PCI validated P2PE solution allowing merchants to reduce their annual assessment scope down to 33 questions—a significant reduction from the normal 329 questions.
- **Securely Accept Payments Across all Channels** Beyond P2PE for in-store and unattended transactions, TNS also supports securing transactions originating from online or mobile sources; these transactions have the same benefits of a merchant never handling clear card data within their environments.
- **Integrated Tokenization** For each transaction decrypted, TNS can return a token, allowing the merchant to further descope their environment while still supporting customer analytics, omni-channel integrations and settlement processes.

## Benefits

- **Eliminate the Potential for Compromise of Cardholder Data** TNS' end-to-end solutions help reduce the risk of a merchant data breach by employing secure network management and communication services. TNS delivers safe merchant transactions from start to finish.
- **Flexibility** TNS understands that you have specific requirements. Our experienced engineers will work with your team to provide rapid, seamless integration that meets your current and future business requirements.
- **Cost Effective Deployment of P2PE & Tokenization** The TNS Managed Encryption & Tokenization service can help reduce your up-front capital expense, eliminate the need to pay ongoing maintenance expenses, while reducing the scope for PCI compliance.



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

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