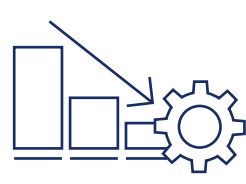


# Why You Shouldn't Wait to Decommission Your 2G and 3G Devices

The end-of-life deadlines for 2G and 3G networks are swiftly approaching. This will impact millions of 2G and 3G devices in the payments industry including point-of-sale (POS) terminals.

## Implications of the Global 2G/3G Shutdown

As carriers begin sunsetting networks the lack of investment may lead to:



**Degradation of Network Performance**

**Reduced Quality of Service**

**Inadequate Connectivity**

**Dissatisfied Customers**

**Inability to Process Transactions**

## Three Top Considerations for 4G Migration

### Increased Technical Support and Workload

With decreased carrier support, POS deployers, acquirers and MSPs may need to ramp up technical support and hire additional staff. Waiting may only intensify that workload.



### Delays in Upgrading

The global semiconductor shortage is creating longer lead times on new equipment availability. Delaying upgrading now may result in long delays later.



### Costs vs. Decreased Customer Satisfaction

As older terminals experience connectivity issues, customer satisfaction will lessen. Consider the cost of replacing terminal estates vs. the useful life left and the level of operational risk.



## Considerations for a 4G Solution



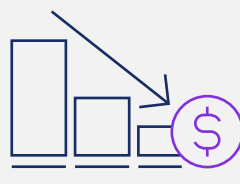
### Flexible

Supports a wide array of terminals, processor connectivity, industry-specific applications and payment types.



### Highly Reliable

Communication redundancy and multiple transaction routing options virtually eliminate the risk of service interruption, even during network shutdowns.



### Reduces Reterminalization Costs

There is no up-front capital investment and minimum operating expense, giving a service provider an efficient way to meet merchants' end-to-end wireless POS needs.



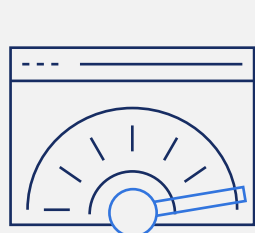
### Increases Revenue

TNSPay Mobile provides wireless access as part of the service instead of a merchant needing to purchase it separately.



### Minimizes Coverage Gaps

Provides comprehensive international coverage with in-country domestic roaming.



### Strong Signal Connectivity

Combines industry-leading features such as strongest-signal intelligent roaming SIMs and an advanced SIM management portal.



### Always Connected

No "preferred" networks or steering needed. A private APN and dedicated app ensure the terminal is always connected to the best network.

## Prepare for 4G With TNS

Switching from 2G or 3G will need to be done sooner or later, and sooner may bring rewards while avoiding risks.

With extensive coverage globally, TNS currently supports more than one million SIM cards around the world and has managed many guided shutdowns for customers. We can offer support to the migration of POS estates by providing in-depth reporting and tracking and engaging with you to develop a plan for transitioning your estate to the supported wireless technologies.

Working with TNS enables PSPs and POS deployers to reterminalize the right way. Our strength lies in working closely with you on an effective, timely reterminalization plan. Contact us today to find out how our decades of experience; portfolio of complete solutions and managed services; and global network coverage alongside localized support, can help you effectively respond to this challenge.

TNS has connectivity solutions that can help address the challenges of 4G migration, including TNSPay Mobile (US only) and Global Wireless Access. To learn more, contact our team via [solutions@tnsi.com](mailto:solutions@tnsi.com).

[tnsi.com](http://tnsi.com)

