Network Shutdown Getting Started Guide

To assist in minimising disruption to your operations, this guide offers essential milestones and considerations to aid you in preparing for the imminent shutdown of our 3G network.

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Introduction

As telecommunication networks evolve, it's essential for IoT businesses to adapt to changes such as the shutdown of 2G and 3G networks. This guide aims to assist IoT business customers in preparing their operations and solutions for a smooth transition. Below is a roadmap journey and migration plan to help you navigate through this process effectively.

1 Assess Impact to Current Solution:

Evaluation of Current Infrastructure	Assess the extent to which your current IoT solution relies on 2G and 3G networks.
Identify Affected Devices	Determine which devices are directly impacted by the shutdown and the potential implications for your business operations.
Assess Service Interruption Risk	Analyse the risk of service interruption or degradation due to the network shutdown.
Hardware Compatibility	Evaluate the compatibility of hardware components, including antennas, with alternative networks.

At a minimum, 4G Band 28 support will be required. Still, support of additional bands will provide better performance in specific scenarios.

For the foreseeable future, our bands include:
- 4G Band 1 (2100Mhz)
- 4G Band 28 (700Mhz)
- 4G Band 7 (2600Mhz)
- 4G Band 3 (1800Mhz)
- 5G n78 (3500Mhz)

2 Scope out Replacement Requirements:

Identification of Alternative Network Technologies	It's a good time to assess other network technologies that may be best suited to your IoT solutions such as 4G LTE, NB-IoT.
	We offer a range of network technologies ideal for your IoT solutions.
Device and Module Certification	If the device and/or module you wish to use supports the right bands but is not approved, we will work with you to see what the next steps look like.

3 Planning and Testing:

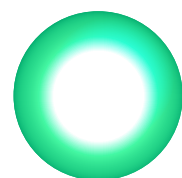|		
	Development of Migration Plan	Create a comprehensive migration plan outlining the steps and timeline for transitioning to alternative networks.
	Testing Procedures	Develop testing procedures to ensure the compatibility and reliability of alternative networks with your IoT devices.
	Implementation of Contingency Plans	Develop contingency plans to address any unforeseen issues or challenges during the migration process.

4 Beginning Implementation Plan:

	Device Replacement Strategy	Develop a strategy for replacing or upgrading devices that are not compatible with alternative networks.
	Deployment Timeline	Establish a timeline for implementing the migration plan, considering factors such as device availability and network coverage.
	Training and Communication	Provide training to relevant stakeholders and communicate the migration plan to customers, partners, and internal teams.

Conclusion

The shutdown of 2G and 3G networks presents challenges and opportunities for IoT businesses. By assessing the impact to current solutions, scoping out replacement requirements, and carefully planning and testing the implementation, businesses can effectively navigate the transition to alternative networks while minimising disruption to operations.

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