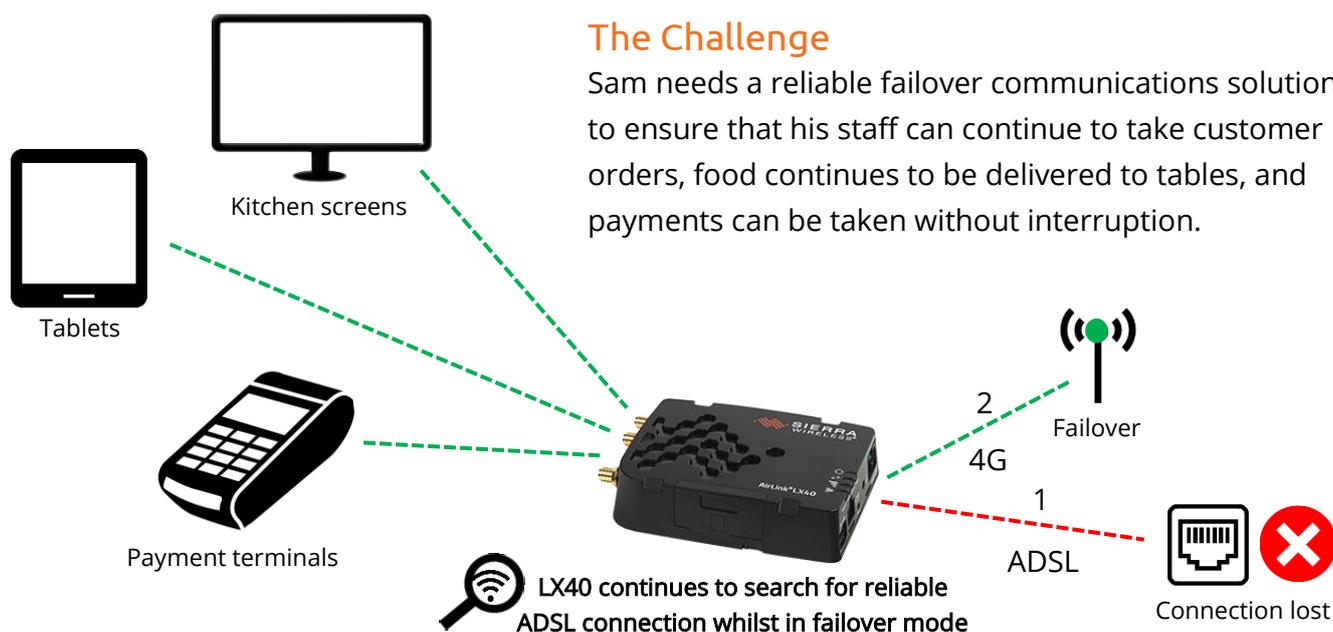


# LX40 Scenario: reliable connectivity in a busy restaurant

Loss of internet connection – even for a few minutes – can cause significant disruption and customer dissatisfaction in many business environments. A reliable connectivity solution provides an alternative route when a primary internet connection fails; allowing businesses to maintain service levels during times of local internet outage.

## Meet Sam

Sam is the Technology Director for a UK-based, nationwide restaurant chain. Reliable connectivity is essential for Sam, as the success of his company is largely built on its ability to efficiently service customer orders at dining tables. Restaurant staff use tablets to collect customer menu choices; each tablet connects via Wi-Fi to the POS system and kitchen screens, and payment is taken using Wi-Fi connected card payment machines. A connectivity outage, causing an inability to process card payments, can cause delays and queues within the restaurant, having a negative effect on the company's brand and customer reputation, leading to lost revenue.



## The Solution

Sam talks to a supplier of wireless solutions, who recommends the Sierra Wireless AirLink LX40. The LX40 is a compact out-of-the-box LTE router that offers 150Mbps performance with Wi-Fi, delivering reliable and uninterrupted operation in fixed, indoor environments. The LX40 is configured to provide a Wi-Fi Access Point to which the tablets and card payment machines are connected. The Ethernet port of the LX40, configured as a WAN port, is connected to the restaurant's ADSL router to provide primary internet access. In the event of the primary ADSL link failing, the LX40 provides a failover path via 4G to maintain continuity of service. The LX40 continues to monitor the ADSL link and reverts to the primary internet service once this has recovered to a reliable state.