

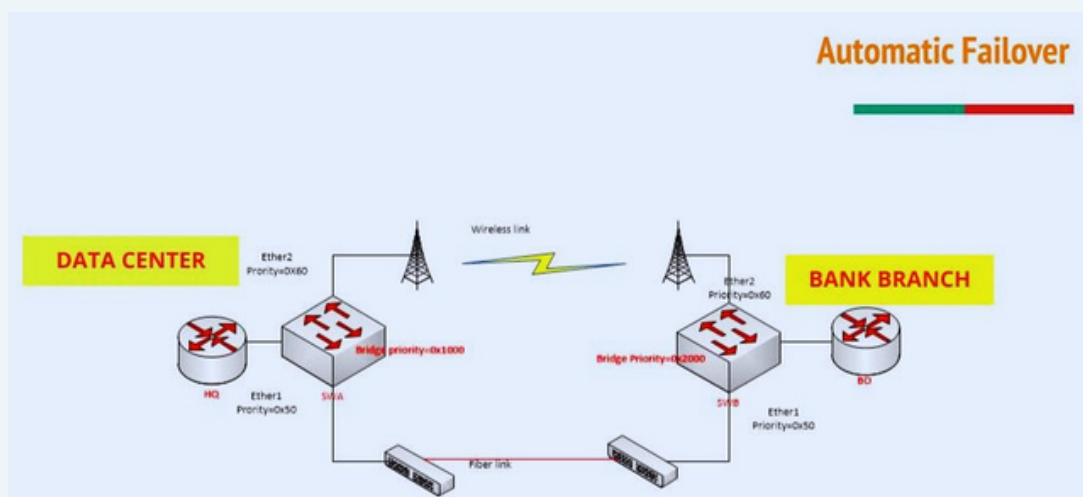
# EION BYTES

## Automatic Failover between Fibre & Wireless

### Connecting the Bank Branches to the Datacenter and Protecting the Financial Services from Downtime

#### Automatic Failover Objective

A Large Bank in Libya is standardizing dual media connectivity between each bank branch and its data center. Currently, 18 branches are completed, with 35 branches targeted to be completed within 2023. The main objective is to have two media of connectivity: Fibre as the primary and wireless as a redundant, switching between them automatically, leading to minimizing the downtime and maximizing the uptime. They are keeping the bank branch always connected. The bank uses EION Wireless radios for their Wireless Backhauling.



Automatic Failover between Fibre and Wireless Schematic Diagram

## Solution Features

### 1 Automatic Failover

Automatically switches the bank branch connectivity from fibre to wireless as soon as any disruption to the branch's fibre connection is detected. Once it is restored, the switch back is automatic.

### 2 Maximizing Uptime

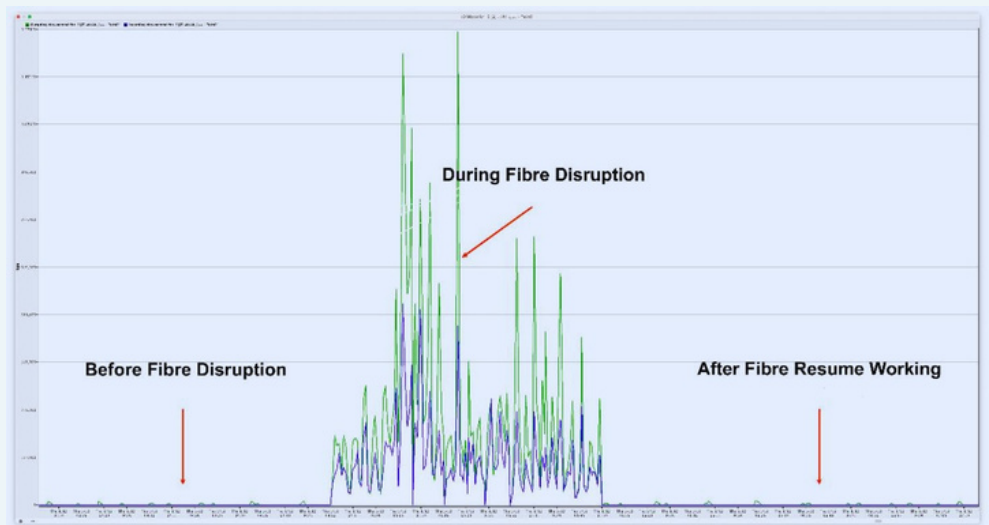
The switchover from fibre connection to wireless connectivity is seamless, so the customers and employees can keep doing business as usual. That helps reducing the risks associated with network and applications downtime such as lost revenue.

### 3 Access Diversity

Pairing the wired (fibre) connection with redundant wireless access can increase the chances of maintaining business continuity.

## Live Example

Utilization graph showing the usage of the redundant wireless link when the fibre connection got disrupted on January 12, 2023 from 11:50 am to 12:50 pm. The switch to the wireless from fibre and from fibre to wireless both happened automatically without any human intervention.



[Visit our website](#)