BLACK BOX®

CASE STUDY
MARITIME



Resilient Port Operations Without Downtime

CHALLENGE

A major port authority needed reliable management for Vessel Traffic Services (VTS) across its primary control center, secondary operator position, and backup operations room. Network interruptions caused by maintenance or waterfront construction could jeopardize continuous monitoring of vessel traffic.

SOLUTION

Boxilla® FailSafe™ enabled resilient management across multiple facilities. During a network split, each location continued operating independently while maintaining full KVM management. Once communications were restored, the cluster automatically synchronized without disrupting operators.

RESULTS

- Continuous vessel traffic management during network outages
- No loss of operator access to critical systems
- Automatic recovery after maintenance or cable repairs
- Improved resilience for port operations
- Greater operational continuity for maritime safety