128 TECHNOLOGY HELPS FINANCIAL SERVICES FIRM STREAMLINE AZURE MIGRATION AND REPLACE COSTLY MPLS NETWORK

OVERVIEW

128 Technology helped a leading U.S. financial services firm accelerate its data center modernization and cloud migration initiative. The firm used the 128T Session Smart™ Networking solution to efficiently transition traditional on-premises workloads to Microsoft Azure and retire its expensive MPLS network, without disrupting business-critical applications or services.

CHALLENGE: QUICKLY MOVE ON-PREM APPLICATIONS TO AZURE

A premier financial advisory firm was constrained by its outdated IT architecture and legacy MPLS network. The firm planned to decommission its enterprise data centers and WAN, and move applications to Azure to simplify operations, reduce costs, and accelerate business agility.

Migrating workloads to the cloud can be a manually intensive, time-consuming, and disruptive proposition. With data center contracts about to expire, the firm's CIO sought to accelerate the transition, while minimizing the impact on the business.

SOLUTION: 128T SESSION SMART NETWORKING STREAMLINES CLOUD MIGRATION

The CIO was already well versed in the advantages of the 128T Session Smart Networking solution. The firm had used the 128 Technology solution for many years to provide fast and agile SD-WAN connectivity between its corporate data centers and branch offices. When the CIO decided to transition to Azure, the 128 Technology solution was the obvious choice for public-cloud connectivity.

The 128T Session Smart Networking solution is a fully software-based, service-centric networking solution that eliminates the inherent inefficiencies and cost constraints of traditional branch office networking products and legacy SD-WAN solutions, and meets stringent financial-services-industry security, availability, and performance requirements.

> "*128 Technology helped us meet our aggressive Azure migration schedule while minimizing business disruptions.*"
>
> **Chief Information Officer**
> U.S. Financial Advisory Firm

CHALLENGE

- Migrate traditional on-premises workloads to Azure and decommission expensive MPLS network
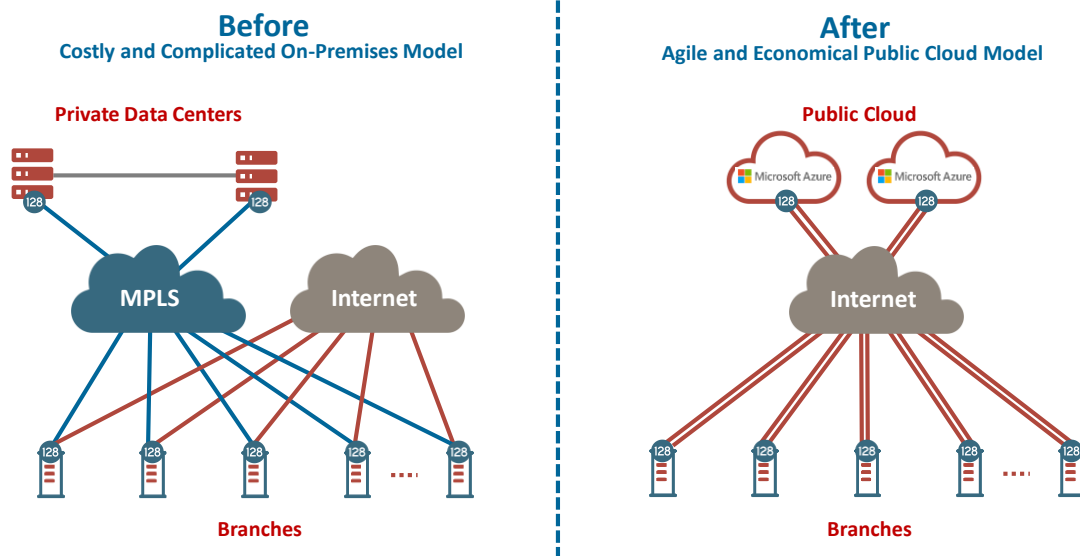
SOLUTION

- 128T Session Smart Networking solution streamlines transition; provides secure, resilient, and agile connectivity

RESULTS

- Nationwide migration completed in two months with minimal business disruption
- Application-aware routing optimizes service quality and user experiences for cloud services
- Fast failover ensures high availability for business-critical applications
- Strong security mitigates risk and ensures compliance

RESULTS: MIGRATION COMPLETE IN TWO MONTHS WITH MINIMAL IMPOSITION

128 Technology's service-centric approach to routing let the firm migrate workloads quickly and easily, without requiring complex router configuration changes or disrupting critical business services. The company moved all applications to Azure and began decommissioning the on-premises data centers and costly MPLS network on schedule, in just two short months.

Before
Costly and Complicated On-Premises Model

Private Data Centers

MPLS Internet

128 128 128 128 128

Branches

After
Agile and Economical Public Cloud Model

Public Cloud

Microsoft Azure Microsoft Azure
128 128

Internet

128 128 128 128 128

Branches

The 128T Session Smart Networking solution provides efficient, secure, resilient internet connectivity for branch offices scattered across the United States. The 128 Technology solution manages and controls individual traffic flows at the edge, based on policy, helping the firm ensure superior user experiences for cloud applications. Redundant uplinks and fast failover capabilities ensure continuous availability in the event of ISP outages or link failures.

The 128 Technology solution provides strong security without the overhead of traditional encryption protocols like IPSec. The solution protects cloud applications and infrastructure against data loss and malicious attacks, and helps the firm comply with data privacy regulations. 128 Technology's tunnel-free architecture minimizes protocol overhead and bandwidth consumption, helping the company contain operating expenses and optimize network performance. The tunnel-free architecture also gives network administrators full visibility into end-to-end traffic flows so they can efficiently monitor sessions, track KPIs, and diagnose problems.

The 128T Session Smart Networking solution lets the financial advisory firm take full advantage of cloud economics, agility, and scalability, without compromising security or service quality. The solution helped the firm protect and extend its previous investments, and avoid costly and disruptive network upgrades as it transitioned to Azure.