

## Transforming a large telecommunications company with a customized solution.

### BUSINESS ACTIVITIES

#### Telecommunication Services Provider



#### BUSINESS BACKGROUND

This telecommunications company won a project to provide connectivity service through MP-BGP (Multiprotocol EBGP) to branches and ATMs of the aforementioned bank throughout the country.

To meet this requirement, compact equipment with large capacities to support advanced routing protocols with the necessary performance was needed, and Juniper's SRX300 equipment completely covered this need.



#### SITUATION

They needed a reliable and secure solution allowing interoperability between equipment from different manufacturers supporting advanced network protocols.

### INTRODUCTION

A 3-play entertainment service provider (internet, telephony, and TV) asked us to help them face a challenge. Among the services it provides, it has business customers to whom it provides customized connection projects. One of them is the MP-EBGP (Multiprotocol EBGP) over MPLS (Multiprotocol Label Switching) service, which it provides to one of the most important banks in Mexico.



#### CHALLENGES

Standardize the solution and make it work in router mode to support advanced routing protocols.

## What needed to be resolved?

- ATM interconnectivity to the bank's core network using the telecommunication service provider's transport network utilizing the EBGP multiprotocol.

### WHY?

To provide the connection between branches, ATMs, and distributed networks, equipment is needed that has: security, performance, and interoperability with advanced network equipment and protocols.



# What were the main limitations?

- Strict compliance with the bank's requirements, integration of the SRX300 equipment into the telecommunications company's monitoring platforms, and interoperability with the bank's network equipment.

## SOLUTION

Provide a compact, high-capacity Juniper PE (provide edge router) that is part of the telco's network and can communicate between the tellers and the bank's network.

# How did Beyond Technology help?

- Integrating the SRX300 equipment into our customer's network. Providing a customized solution that meets all end-user requirements.

# What was the overall experience of the Beyond Technology team?

- Very challenging, and the whole homologation process was very long and complicated, but very satisfying to have won the project and met all the specifications of the final client.

# What were the results?

- A high-performance and secure national connectivity network.

# How was the company transformed?

- ✓ Through homologation, installation of test equipment, and support during the implementation of the entire project globally. It is now successfully meeting the specific requirements of its premier customer.

## CONCLUSION

The SRX300 equipment is working as a PE (provide edge router) as part of the telecommunications company's transport network, fully complying with the requirement to connect tellers to the bank's central network using advanced network protocols.