

**Westpac** and **Sprint Networks**

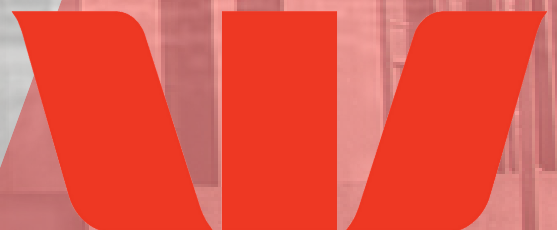
# Partnering for success

**A Digital Transformation**



**Sprint Networks**

Creating Networks With More Possibilities



# SOFTWARE DEFINED NETWORKING- A GAMECHANGER FOR WESTPAC

## Upgrading a Legacy Infrastructure to Enable a Digital Transformation

Westpac required an urgent transformation from its legacy infrastructure to an SDN. The existing legacy infrastructure could not cope with the increasing traffic, as it was only using one of the two available links to steer the traffic. This led to the existing network encountering higher costs, which in-turn affected the overall productivity.

### *The Task Ahead*

Transforming the network by transitioning from a legacy network to a Software-Defined one. Managing and securing this network to provide Westpac with greater flexibility, responsiveness and security overall.

# THE SOLUTION

## **A simple, but futuristic approach.**

### **What our strategy was?**

The existing network was being stretched to its limit with the increasing data traffic from the branches. The network needed an urgent SDN overhaul to cope with changing traffic patterns:

- Understand the requirements, create a design and perform a Proof of Concept test, to get final approval.
- By using SD-WAN technology, we focused on enhancing the end-user experience by enabling the use of both WAN links, which was not the case previously.
- Decided on an active-active architecture, where both the links, one to DC and other to DR, remain active.
- SD-WAN technology allowed for prioritization of traffic, which in-turn made redundancy possible, reduced latency and improved bandwidth drastically.
- Followed by constant 24/7 monitoring of the network.

***"The vision of Westpac Pacific COO Shane Smith paved the way for us to build a world class data network and a smooth transition" - Jit Anbu - Technical Director***

# THE SUPPORT

## **Sprint Networks- Our Responsibility**

We have been striving to help Westpac, provide its customers with an enhanced user experience with the implementation of SDN. The architecture that we designed was done with the the intention of improving the efficiency of operations, at every point.

We currently make sure that the new SDN network is performing optimally and providing all the intended benefits. The current network is monitored constantly, 24/7, for issues and any troubleshooting is done remotely.

The deployment of this technology has allowed Sprint Networks to endeavor everyday to ensure that Westpac is able to increase productivity, enhance customer value and reduce costs.

***"Westpac CTO Stanley Singh was the guiding light during the entire project" - Kay Kang - Senior Technical Manager***



# LOOKING FORWARD

## What the Future Holds?

Looking forward, Sprint Networks is constantly striving to help Westpac embrace new digital technologies, such as Software-Defined Networking (SDN) and SD Branch, alongside with other technological breakthroughs.

Sprint Networks is constantly pushing the boundaries of innovation further and further for Westpac, so that it can keep serving its customers with the same efficiency and effectiveness for the next 200 years as it has for the last two centuries.



# **Sprint Networks**

**Creating Networks With More Possibilities**

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