NETFOUNDRY

FROM VPN TO ZERO TRUST NETWORKING

NetFoundry Enables Saudi National Company with Secure, Reliable, Cloud Connectivity

CASE STUDY

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A Saudi National Company was established by Royal Decree to localize technology in Saudi Arabia and commercialize outputs of R&D centers. This company invests in technology and innovation that contributes towards Saudi Arabia's economic diversification which drives strategic and sustainable diversification enabling growth in different industries in Saudi Arabia.

This company creates value from technology by investing in local and global technologies and in their development into economically sustainable organizations. A key strength of this company is its ability to develop its workforce and form long-lasting partnerships with industry leaders worldwide to fuel the growth of selected technologies deemed to be strategic for Saudi Arabia's economic growth and leadership.

THE SITUATION

Background: This national company was digitally transforming to the cloud and saw that they were being held back by traditional network approaches which caused security and performance challenges.

Challenge: Their existing VPN solution was identified as causing performance challenges and impacting user productivity when connecting to various cloud-based apps and om- premise apps while also posing a security threat due to recent attacks in KSA combined with recent deficiencies, attacks, and backdoors into VPNs.

Objective: Enable secure, reliable, and cloud-native connectivity over existing internet connections that enable the company to improve agility while embracing state-of-art cloud native technology for all users.

THE OUTCOME

Introduction: The company were introduced to NetFoundry by their local partners and cloud providers as a technology that could solve their challenges and help their journey to being cloud native.

Solution: Launch a network transformation program where VPN is phased out and replaced by NetFoundry's cloud native networking solution enabling the organization to control and enhance (as defined by Gartner[1]) their public internet connections for higher security, performance and reliability while maintaining agility, scalability and cost-effectiveness - opposed to private networks, such as MPLS, where they would lose many benefits of the internet such as flexibility and cost effectiveness.

[1]Gartner - How to Interconnect with Azure, AWS and Google Backbones Published 25 March 2020 - ID G00436220

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THE BENEFITS

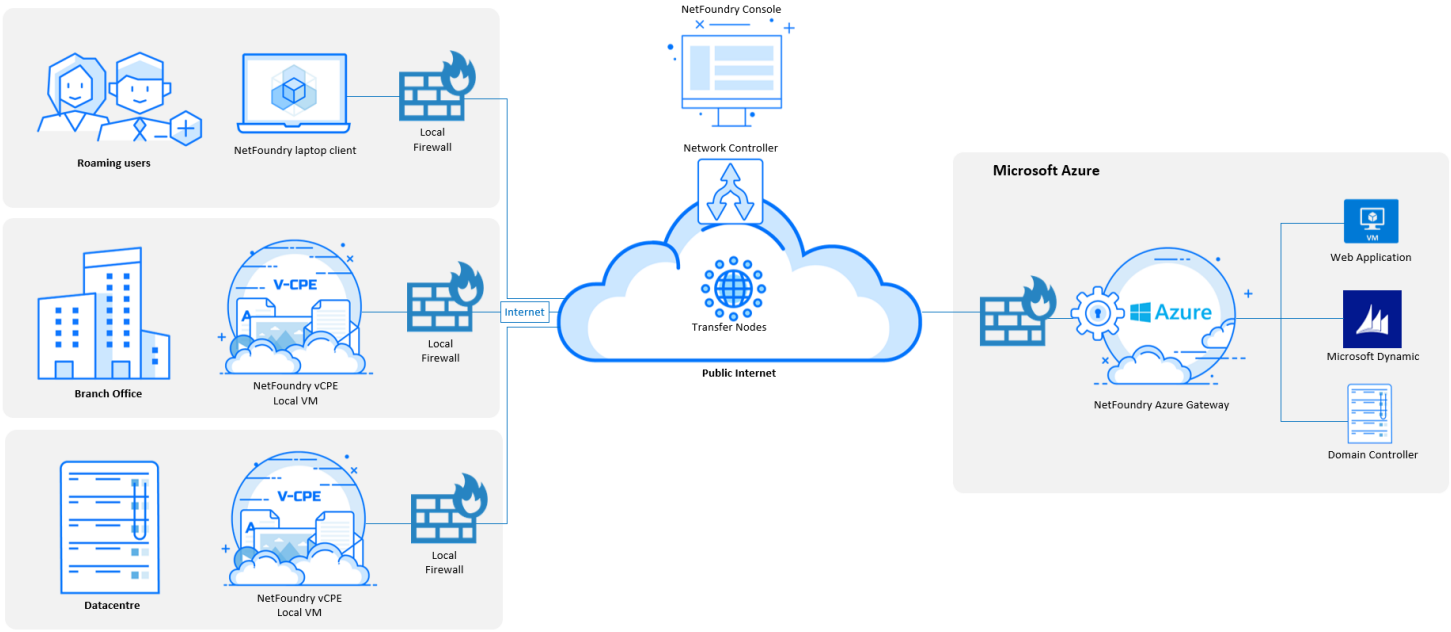
• Consistent and improved user experience and productivity by providing reliable and consistent connectivity with a 50% improvement in performance

• Lower TCO costs by 35%

• Agility - rapid adaptation to change, e.g. Covid-19 measures required employees to work from home. The NetFoundry solution made it possible to set-up quickly

• Reduced risk from security by making their network and resources invisible, having control access per user/group as well as a dashboard panel allowing operation team to observe all traffic.

"We were introduced to NetFoundry when our cloud partner recognized our digitalization was being held back by traditional network challenges. We launched a network transformation program to complement our journey to being cloud native; we increased the performance of our network by a 50%, radically reduced our attack surface with zero trust security, increased agility and simplicity while also reducing our total cost of ownership by 35%. No need for HW or circuits, we can control the internet with SW." - **Company CTO**



ABOUT NETFOUNDRY

NetFoundry is a Zero-trust Cloud Native Connectivity Solution that turns the ordinary public internet into a secure and performant enterprise-class network by enhancing it with next- generation zero-trust cybersecurity, while at the same time boosting "best effort" Internet resilience & performance by controlling the internet with Network-as-a-Service (NaaS). This enables organizations to embed private network benefits directly into apps, clouds (incl. Azure VNET, AWS VPC) and devices using software, APIs and the internet to enable organizations to become both agile and cloud native. It acts as an alternative to VPNs, MPLS, bastion servers, jump hosts and other complex hardware/solutions meaning.

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For more information, visit us at www.netfoundry.io

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