



IP VPN



Whether they are in the office, at the coast or half way up a mountain, charity workers at WWF-UK need fast, secure and reliable network access. The charity improved its wide area connectivity and communications with an IP-based VPN and co-location solution from Telstra.

The challenge

Charity workers from WWF-UK are dedicated to protecting endangered species and increasing awareness of issues such as climate change. Working on projects all over the UK – and indeed around the world – they depend heavily on remote access to connect to their head office systems, retrieve information, upload photographs, produce reports and communicate with colleagues.

With a growing number of employees, WWF-UK was rapidly reaching the maximum capacity for its network connections. At the time, the charity had separate lines connecting each of its five regional offices in Great Britain. It also relied heavily on another charity for its disaster recovery arrangements. WWF-UK therefore sought to create a more robust, scalable and manageable wide area network, while also improving its business continuity protection.

When WWF-UK launched its One in Five Challenge, the organisation was keen to lead by example. This initiative encourages enterprises to reduce their business flights by 20% to both reduce costs and carbon emissions. WWF-UK wanted to use technology to improve employee collaboration and reduce its need for business travel.



The solution

WWF-UK selected Telstra to provide it with a new approach to wide area connectivity. The charity implemented a Telstra IP-based Virtual Private Network (VPN) to establish a fast, fault tolerant connection between its five regional offices. It then gave employees the ability to remotely connect to this VPN using advanced encryption and authentication tools. Later, the charity also subscribed to Telstra's video conferencing solution, which enables employees from different offices to hold virtual face-to-face meetings over the IP VPN connection.

In addition, WWF-UK took co-location space in Telstra's London data and hosting centre to mirror its head office systems. Telstra provides a fully managed service so, if any problems do occur, Telstra's team of engineers identifies and solves them, with minimal disruption to the charity's employees. The data and hosting centre also provides a secure, high bandwidth Internet connection for the charity's exclusive use.

KEY BENEFITS:

- Faster remote access to core applications and resources
- Robust business continuity protection
- Reduced IT management overheads
- Lower costs and carbon emissions from fewer business trips

The benefits

With the IP-based VPN, WWF-UK now provides its employees with a reliable and secure network environment. Charity workers can access central resources and applications quickly and easily from wherever they happen to be. The available bandwidth is more than adequate for the organisation's use and allows employees to easily view and exchange high resolution photographs and other large data files over the wide area network.

The use of Telstra's video conferencing solution enables WWF-UK to maximise the value that it gains from its IP VPN. Employees in offices across the UK and overseas can collaborate effectively while making fewer business trips, which reduces both costs and carbon emissions.

Telstra's co-location service has enabled WWF-UK to build a far more robust business continuity plan, in line with industry regulations. In the event of a power outage or more serious incident at the head office, charity workers can continue to access their resources and critical fund raising applications from home or any other remote location.

By taking space in Telstra's London data and hosting centre, WWF-UK has also been able to simplify the IT infrastructure in its regional offices, and this has greatly reduced the network management burden on the charity's in-house IT staff. As a result, WWF-UK's IT team can instead focus on other projects that have more strategic value to the organisation.

About Telstra International

Telstra International is a UK-based global communications service provider and a division of the leading Australian tier 1 telecommunications and information services company, Telstra Corporation Limited.

Telstra provides global solutions to over 200 of the world's top 500 companies, spanning the Asia Pacific, Latin America, North America and Europe. The company owns one of the most technologically advanced IP backbone global networks in the world and offers an extensive portfolio of state-of-the-art solutions.

“It is important for us to deliver a high-quality working experience for our employees, whether they are in the office or assisting with an oil tanker disaster in the North Sea. Telstra's IP VPN and co-location service gives us secure and reliable connectivity, which enables us to continue the vital work of the charity, from any location.”

Ian Exton
Network Manager, WWF-UK

Telstra International trades in the UK and EMEA through Telstra Limited, a company registered in England and Wales with company number 03830643. Our registered address is Telstra House, 21 Tabernacle Street, London EC2A 4DE

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