



VICTORIA TRUSS CASE STUDY

Network/Server Refresh Project

AT A GLANCE

CHALLENGES

- Outdated Server Infrastructure
- Security Vulnerabilities
- Limited Remote Access
- Network Performance Issues

BENEFITS

- Enhanced Performance and Reliability
- Improved Security and Compliance
- Better Remote Access and User Experience



"For over 10 years, we have relied on DataStream to keep our network secure and reliable.

The Network/Server refresh project has greatly increased our security and reliability of our operations.

LUIGI MANSUETI

Victoria Truss



OBJECTIVES

The objectives of the Victoria Truss Server Refresh Project are to ensure system reliability, enhance security, and improve support by upgrading to supported software versions. The project also aims to boost performance, streamline management, and facilitate remote access for users. Additionally, it seeks to future-proof the infrastructure by replacing outdated equipment, creating a robust, secure, and efficient IT environment that supports Victoria Truss's business operations effectively.

SOLUTIONS

The solutions implemented in the Victoria Truss. Server Refresh Project included provisioning a new server as a Microsoft Hyper-V Host, configuring backups and network management tools, and migrating existing virtual machines to Microsoft Hyper-V. The project also involved building new virtual servers running Server 2019, promoting one to a secondary domain controller, and eventually making it the primary domain controller. Additionally, Remote Desktop Services were upgraded, and users were gradually migrated to the new RDP server. Finally, old network switches were replaced with new L3 Managed switches to improve network performance and reliability. These solutions collectively enhanced system performance, security, and support, ensuring a robust IT environment for Victoria Truss.

BENEFITS

Benefits One

Enhanced System Performance and Reliability: Upgrading the server infrastructure and replacing outdated hardware improved overall system performance and reliability.

Benefits Two

Improved Security and Compliance: Transitioning to Microsoft Windows Server 2019 ensured up-to-date security features and compliance with current standards.

Benefits Three

Streamlined Network Management: Implementing modern network management tools and consolidating switches simplified network administration and reduced complexity.

Benefits Four

Better Remote Access and User Experience: Upgrading the Remote Desktop Services improved remote access capabilities, enhancing application performance and user experience.