



Customer Case Study

Manufacturing - Production Servers

Server Upgrades Improve Productivity at Manufacturing Facility

Overview

For more than 25 years, this client has been offering tried and trusted emergency burn care products for the pre-hospital treatment of burn injuries. As the world market leader, they were first to introduce the water-based gel technology that revolutionized emergency first aid for burns. Products are sold to businesses and directly to consumers. The client was looking to upgrade existing systems to reduce errors and improve performance on the plant floor.

CUSTOMER: Manufacturer of First-Aid Products

LOCATION: New Jersey

INDUSTRY: Manufacturing

The Challenge

The client was using production servers that were outdated, resulting in poor performance, frequent errors and failing drives. In addition, servers were running on an unsupported operating system that was no longer eligible for updates and security patching. The operating systems were running un-supported/outdated production software that was in need of upgrade.

The Solution

BMT replaced all the physical servers in production with one, high-capacity Hyper-V server. Remaining servers were converted to virtual systems which significantly reduced costs.

The chosen Operating System for the Host server was Windows Server 2012 R2 Data Center which allows for unlimited licensing on guest servers. This reduces the cost of purchasing separate operating systems for individual servers and allowed us to migrate older operating systems, a requirement in upgrading their production software.

Security was increased by properly setting up users and security groups in Active Directory, replacing the unsupported firewall with a new UTM device which includes Content Filtering, Gateway AV, IPS and other security features. An SSL VPN for up to 52 simultaneous connections replaced an outside facing Terminal Server. Group policies for passwords, lockouts, screen savers and mapped drives were implemented.

The Outcome

The client saw immediate improvements on speed and performance with the client-server based applications. The increased performance improved productivity and drastically reduced employee complaints and repair requests. The server updates were also pre-requisites for production software up-dates which provided the client with additional capabilities within shipping, inventory, sales and sales tracking.

About BMT

Business Machine Technologies, Inc. (BMT) is a comprehensive IT solutions provider serving the tri-state area. Since 1992, we have offered small to medium-sized companies across various industries a range of services including, Managed IT, Backup and Disaster Recovery, Systems Engineering, Cloud Service, Security, and Advisory Consulting. Our commitment to client satisfaction coupled with our technology offerings and industry expertise is how we continually deliver IT excellence. Visit bmtcorp.com for more information.



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