

NetOne Technologies Eliminates Hardware Constraints, Improves Remote Work Options for Engineering Firm



Net One
Technologies

CASE STUDY



Customer

A third-generation, family-owned engineering firm with 5 locations and 200 employees with a need to expand rapidly.



Challenge

Mission-critical servers, applications, and data were centrally located at the firm's headquarters. The servers were aging and running low on storage. The Customer needed scalability in record time without budget-breaking expenses.



Outcomes

NetOne Technologies and Cloud provider collaborated for a seamless implementation in 6 weeks from start to finish resulting in the following.

- Improved security and business continuity
- Scalability
- Elimination of future Server, and licensing purchases.
- Improved remote work experience

The Situation

The Customer's existing server infrastructure, soon to be out of warranty, was proving to be inadequate in data capacity and speed needed by remote workers using CAD software. With estimated server space of only 3 months remaining, potential new hardware delivery times of 6-8 weeks due to global supply chain issues were not an option.

The Customer turned to NetOne Technologies regarding the server limitations, new hardware sourcing concerns, and growing frustrations by remote workers experiencing server delays.

The Solution

NetOne Technologies worked with their Cloud provider to design an ideal Customer infrastructure to address these critical Customer business issues. Upon approval of the joint solution overview (costs, benefits, and timelines), NetOne and cloud provider collaborated for a seamless transition.

Within 6 weeks, new servers with the latest operating system were added to the network, 12+TB of data was migrated, new updated software was installed with no interruption to the Customer's business or employees.

Using a virtual private network, remote workers can securely connect to this new environment and experience the same speed and performance as local workers. To add protection and resiliency to the new environment, the Customer also chose our Backup as a Service solution. Now, the Customer's mission critical files and folders are stored on a secure Cloud providing them an easy way to recover their data.

The Outcome

- Implementing a secure Cloud allowed the Customer to restart in a new environment, giving them the opportunity to dedicate servers based on Microsoft's best practices, organize file/folder structure, and archive old data, reducing the amount of storage required.
- Issues, complaints, and trouble tickets related to remote worker experiences were drastically reduced, enabling the Customer's to focus on their business.
- With no hardware constraints, the Customer can now expand into new markets and recruit new talent outside their current geographical area.
- Improved security and business continuity.