

## CASE STUDY: SUDENGA INDUSTRIES

### USING VEEAM TO PROTECT A LEADING MANUFACTURER'S IT INFRASTRUCTURE



*“With TrueNAS, it’s easy to add storage space when I run out. This speeds up the process considerably over the previous Windows server I was using.”*

**- Jeff Carroll,**  
*IT Manager, Sudenga Industries*

### THE STORAGE CHALLENGE

Sudenga Industries manufactures heavy agricultural equipment and has been dedicated to helping the farmer since their humble beginnings as a blacksmith shop in 1888. As their company grew, so did their need for a reliable and stable IT infrastructure. They decided to invest in a commercial backup solution. After researching various backup vendors, Sudenga decided that Veeam was a clear choice going forward for their backup solution. After deploying Veeam, Sudenga encountered various security issues backing up to the Windows 2012 server used for storage that constantly required IT intervention. After only a short time in production, the Windows 2012 server Sudenga Industries was using for network storage had a complete hardware failure and needed to be replaced with an enterprise-grade storage server.

### SUDENGA INDUSTRIES CHOOSES TRUENAS®

Jeff Carroll, the IT manager at Sudenga Industries, knew he needed a storage server that would work well with Veeam and provide better reliability than his previous Windows server. Jeff remembered using the number one open source NAS solution, FreeNAS®, to set up a couple of file servers. FreeNAS is free, open source, provides incredibly stable file storage for home use, and is sponsored by iXsystems. While using FreeNAS, Jeff became familiar with iXsystems’ TrueNAS line of storage arrays and decided to dig deeper. Jeff found that TrueNAS builds on FreeNAS as an appliance with the enterprise features that Sudenga required.

*“We use Veeam for straight backups and recovery. The two systems work great together. After implementing Veeam and my TrueNAS, I was getting backups within 30 minutes. The setup was super easy and the TrueNAS is much more stable than my old backup solution.”*

**- Jeff Carroll,**  
*IT Manager, Sudenga Industries*

*“The price of TrueNAS was about a third of the cost of the comparable Dell / EMC Equallogic solution we were looking at.”*

**- Jeff Carroll,**  
*IT Manager, Sudenga Industries*

After comparing it to Dell Equallogic, Jeff found that TrueNAS offered the same enterprise features and storage capabilities at a significantly lower price. Its integration with Veeam, its certification with VMware, as well as its pricing would help Sudenga reduce their storage deployment risk as well as their storage TCO. Jeff knew that TrueNAS would be a natural fit for his company because he was familiar and confident in the capabilities of FreeNAS.

Sudenga Industries decided to purchase the TrueNAS Z20 storage solution for their local replication needs. The TrueNAS Z20 provides 400 TB of raw storage, giving Sudenga enough space to backup 1 TB of data from 50 different users. The TrueNAS Z20 offers high availability and incredible network performance at a price that easily fit into the company budget. Jeff was happy to find that iXsystems provided a personal touch, was easy to work with during the sales process, and is Veeam certified. The TrueNAS solution was also more economical than other vendors' solutions, which helped them accelerate the ROI of their TrueNAS investment.

## TRUENAS PRODUCES RESULTS

Sudenga Industries implemented their new TrueNAS storage solution and used it with Veeam Backup and Recovery to replace their previous Windows server environment. Since Sudenga Industries deployed their new TrueNAS storage solution, they've been able to easily integrate Veeam backup images into their TrueNAS array. Sudenga Industries noted that the backups have become much faster and more reliable after implementing their TrueNAS Z20.

## CONCLUSION

Sudenga Industries needed a storage solution to replace their old storage server that had failed. It would need to easily integrate with Veeam and deliver excellent performance at a competitive price. The TrueNAS Z20 delivers on all accounts by speeding up Sudenga's local backups and making them more stable. TrueNAS storage arrays are affordably priced and designed to scale with your business as it grows.

*“The service at iXsystems was great. They were responsive, weren't pushy, and very knowledgeable about the product. They didn't try to upsell me on things I didn't need.”*

**- Jeff Carroll,**  
*IT Manager, Sudenga Industries*

Expansion with the TrueNAS Z20 is simple to use, easy to set up, provides an incredible amount of storage, and comes with iXsystems' award winning white-glove support. TrueNAS passed the Veeam and VMware certification tests. This gives Jeff the confidence that TrueNAS has the strength to be the backbone of his storage solution.

## ABOUT SUDENGA INDUSTRIES

Sudenga Industries opened their doors for business in 1888 as a humble blacksmith shop in downtown George, Iowa. Their commitment since the beginning has been to manufacture items that help the farmer, and helping the farmer is still what they do best. Sudenga Industries engineers and builds industrial agricultural equipment that embody the durability of their blacksmithing roots and demonstrate the innovation that comes from decades of experience in manufacturing industry-leading agricultural equipment.

## ABOUT IXSYSTEMS

iXsystems is a pioneer in building innovative storage solutions and enterprise servers for a global marketplace based on open technology. With decades of expertise, many contributions to Open Source communities, and stewardship of leading Open Source projects, iXsystems has become the leader of innovative storage and server solutions for the global open technology market.

Thousands have come to rely on iXsystems' approach to doing business. Headquartered in Silicon Valley since its founding in 1996, its consultative approach and dedication to customer service, support, and technological contributions has never wavered and builds the foundation for a new era powered by open technology.



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