

## CASE STUDY



INDUSTRIAL SENSORS & PROCESS AUTOMATION

## WDI DEVICE USES SUREedge® TO SUCCESSFULLY MIGRATE WORKLOADS TO THEIR NEW NUTANIX INFRASTRUCTURE

**WDI uses Sureline's Award Winning SUREedge Migrator to Efficiently and Reliably Migrate their Existing Workloads to Nutanix AHV**

### BUSINESS CHALLENGE

WDI purchased a Nutanix Infrastructure and needed to migrate their existing workloads running on physical servers to the Nutanix AHV platform. They initially used a set of free tools such as P2V and V2V and others to help with the migration. They encountered problems with every server migration where something happened during the conversion which caused errors with the physical servers. After numerous attempts to migrate and repair the migrated VM images, WDI was still not able to get their applications running, which included Autodesk, Jira and Valt. The VMs with these applications would give a file system check-disk error on startup. WDI struggled with this problem for over a month and a half with no resolution.

### BACKGROUND

WDI Device, a global company headquartered in Ontario, Canada, provides Digital Autofocus (ATF) Sensor with Smart Sensor Architecture (SSA) for the Display industry. This technology not only improves the display speed over traditional analog displays but also improves the display accuracy. With worldwide distribution, WDI has support for any market, any application, and any surface.

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*I was impressed with the Sureline System team. They were very confident, efficient and knowledgeable. I was able to get my work done while they were fixing my problems. My servers are healthy now and I spend less time managing them and more time providing service. I'm looking forward to purchasing the Sureline DR software solution as well,"*  
said Shane Archibald, IT Administrator, WDI Device.



## THE SOLUTION

Nutanix recommended to WDI to bring in Sureline Systems as they had worked with Sureline successfully on other migration projects. Sureline Systems investigated the issue and traced the problem to file system metadata. This may have happened while using third party P2V migration tools in earlier migration attempts. Sureline installed SUREedge Migrator remotely on WDI's Nutanix infrastructure, analyzed the problem, performed a cleanup, tested the files, after which SUREedge securely and reliably migrated all the physical and VMware VMs to the Nutanix AHV platform. As part of the process the WDI servers were reconfigured based on WDI requirements to work as VMs on AHV.

## RESULT

After working with SUREedge Migrator WDI completed their migration successfully. They found the software to be powerful and easy to use, just point, click and done, saving days of work, after some challenging physical servers they spent months trying to migrate.

## WHY SURELINE

Sureline SUREedge Migrator reliably migrates entire applications, data and interdependencies to any platform including Nutanix and any Cloud through secure and efficient data transmission. It's easy to deploy and manage without agents to install and is completely nondisruptive.

## HIGHLIGHTS

- Physical and virtual servers migrated
- No agents to install
- Successful migration where other solutions failed
- Automated changes accommodating different sources and targets
- Migration issues solved in days not months
- Sandbox testing before cut over
- No downtime

