Nutanix & Unitrends working together at SGS Polymer Solutions

CUSTOMER PROFILE

Based in Christiansburg, VA, SGS Polymer Solutions Inc. (PSI) is a materials lab for the contract testing of polymers, plastics, metals, and gases. They have more than 25 years of expertise solving and preventing complex problems for companies in the medical, pharmaceutical, packaging, aerospace, defense, and manufacturing industries. PSI does business in highly regulated industries and therefore has strict compliance requirements from government agencies such as the FDA and the DEA. They have to manage their processes very closely and completely protect the data their tests produce. The IT Manager in charge of maintaining PSI's infra-structure is Brandon Landreth.

THE CHALLENGE

About a year ago PSI decided to upgrade their aging infrastructure. They had a collection of HP servers, a NAS and a Backup Exec tape system that was giving them reliability issues. Their partner, Innovative Systems and Solutions recommen-ded they consider Nutanix. This made great sense to PSI as it allowed them to manage their entire infrastructure from a single console as well as greatly reduce their software costs by switching off VMware. "We now get all our hypervisor needs met by AHV and we don't have to pay for all the crazy VMware features we don't use." said Landreth. At the same time their partner suggested adding Unitrends as their data backup and business continuity solution. Unitrends has integrated, native support for Nutanix AHV in Unitrends' backup appliances.

THE SOLUTION

PSI provides complex lab and material testing services with the Nutanix HCI hyper-converged platform working with extremely sophisticated laboratory devices. Unitrends backs up the entire environment for quick restores and replicates the data to a tape robot for archiving.

Governmental regulations require that all PSI lab results be archived for 7 to 11 years with daily, weekly, and monthly tape backups being moved offsite to a remote location. Since PSI already has an extensive tape archive, they are comfortable and familiar with continuing to manage a tape library.

INDUSTRY
Contract Testing Services

PROTECTED PLATFORMS:
Nutanix HCI Platforms
Nutanix AHV

SOLUTION
Unitrends Recovery Series 814S

BENEFITS
Integrated protection for AHV
Rapid file recovery
Quick and easy VM restores
Full disaster recovery

THE RESULTS

"For the industries we serve, their regulators require extensive testing." reports Landreth. "We do very aggressive testing with a full suite of tests that we have developed. The combined Nutanix / Unitrends solution is a breeze to work with." Landreth continues, "The integration was well executed, and the entire stack runs very efficient as no agents are required. It is easy and quick to restore failed VMs. With Unitrends and Nutanix everything is running much more efficiently and with much lower software costs."

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