

CLOUD SOLUTIONS

AN AEROSPACE
SUCCESS STORY

VIRTUAL BACKUP IN A WEEK

Ensuring healthy backups during a global IT conversion

About the Client

Chromalloy is a \$1B+ supplier of technologically advanced repairs, coatings and services. The company provides turbine engine manufacturers and operators in commercial aerospace, defense and energy with complete manufacturing support, and material and supply chain management.

Chromalloy's investment in research and development has led to numerous innovations that allow engines to perform at improved efficiency levels, at higher temperatures and under more severe environmental conditions.

With more than 4,000 employees, and sales and production operations in 11 countries, Chromalloy has worldwide manufacturing, engineering and repair capabilities.

Their Challenge

Since its founding in the 1950s, Chromalloy has grown significantly in complexity of work as well as in geographical footprint. Managing the IT operations of 30 locations was a constant challenge. "Each location was operating independently," said Dan, Global IT Operations Lead for Chromalloy. "Each facility was responsible for its own backups using its own policies and procedures. There was no consolidated control."

OVERVIEW

Industry

Aerospace

Client Profile

Chromalloy is a global supplier of production parts, repairs and services for gas turbines used in aviation and land-based applications.

Business Situation

Thirty worldwide locations all had separate backup processes, and a number of them were failing. Chromalloy wanted a consolidated infrastructure, but it would take months.

Solution

ITsavvy deployed savvyBackup to automate and virtualize backups while a new infrastructure was being built.

Benefit

- > Cloud backup was deployed in a week
- > 15 TB of data was virtualized
- > Backups were automated and managed remotely
- > Redundant data could be restored if needed
- > Consolidated infrastructure has reduced operating costs

In addition, it was well-known that backups were failing regularly at up to five locations due to outdated software and insufficient support. “Disk or tape drives were continually breaking and required constant babysitting. It was too time-consuming for the staff.”

Multiple vendors added yet another layer of challenge. Businesses that Chromalloy had acquired over the years were tied in to legacy vendors, each with its own costly contract. One final concern: there was limited data redundancy, leaving Dan with less and less confidence that critical data could be restored if needed.

Many of the problems lacked visibility until the company hired a new CIO and Director of Infrastructure. Under high-level direction, an IT team visited every facility and labeled the IT infrastructures as green, yellow or red. This exposed the highest risks and led to a corporate-wide strategic initiative to bring the overall infrastructure up to standards.

Part of that plan included comprehensive backup reform with a new infrastructure, but it wasn't going to happen overnight. “This was going to be a multi-month process, and we didn't have the solutions in-house to get it turned up fast enough,” Dan explained. “ITsavvy pitched a cloud solution, and it was exactly what we needed.”

Our Solution

As Joe Llano, Vice President, Advanced Solutions Group for ITsavvy explains it, “The size of Chromalloy's environment and the number of sites the infrastructure supports is quite significant. Getting all of the sites transitioned over was going to be a multi-step process. In the mean time, they needed reliable backups.” He knew immediately that ITsavvy's savvyBackup® virtual backup solution powered by Avamar technology would provide interim service while they built their onsite infrastructure.

Within a week's time, the ITsavvy team had five of Chromalloy's sites backing up 15 TB of data into the cloud. Dan explained, “We purchased it, and it took a couple of days, but before we knew it, it was operating perfectly.”

With its remote management capabilities, savvyBackup ensures reliable, automated data backups to a Tier 3 data center. This provided the added factor of redundancy that Chromalloy had been lacking. Once savvyBackup was operational, ITsavvy engineers further assisted Chromalloy with the design of the new corporate architecture.

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Dan, Global IT Operations Lead,
Chromalloy

“We have formed a good partnership over the years. It is always rewarding when two companies can work together toward a successful outcome.”

Joe Llano, Vice President, Advanced
Solutions Group, ITsavvy

Their Success

Over the course of the project, three more sites were equipped with virtual backup as they were transitioning to the parent company's infrastructure, which took eight months to complete. "When we had 30 remote sites responsible for their own equipment, you can only imagine that disasters happened regularly, and several times we had been unable to do complete restores," Dan said. Today his confidence level is very high that they are capturing all of their data with redundancy.

"We have a long-standing relationship with ITsavvy, and this was another great experience for us. They were completely on top of the project," Dan said. Joe Llano added, "We have formed a good partnership over the years. It is always rewarding when two companies can work together toward a successful outcome."

FOR MORE INFORMATION,

please contact an ITsavvy Client Executive.

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