

Hargrove Engineering Builds its Virtual Server Recovery on **Acronis**

Construction and Engineering Firm Meets 15-Minute Virtual Server RTO with Acronis Backup Advanced.

Hargrove Engineers + Constructors is a full-service engineering company serving the pulp and paper, power, and petrochemical industries along with a wide range of commercial construction opportunities. The Mobile, Alabama company operates out of five major offices in Alabama, Mississippi, and Georgia and it made the Inc. 5,000 list of fast-growing firms in 2010 for the fourth year in a row. Hargrove offers services ranging from civil and structural engineering to chemical and mechanical engineering and technical support.

Projects are as diverse as huge chemical plants, turbine generators, a 60,000 square-foot climate-controlled warehouse, school campus buildings, and both medical and biotech facilities.

CONCERN ABOUT RECOVERING VIRTUAL MACHINES QUICKLY

With dozens of projects in play at any one time, the company is depends upon the availability of computer-aided drawing applications like AutoCAD® and Bentley® MicrostationTMV8i to lay out the visual part of its work.

As Hargrove began a virtualization effort in mid-2010 to create a more robust and efficient platform for these and other software applications, it immediately developed a parallel program to make sure that, as it virtualized the machines on its VMware® vSphere™

ORGANIZATION

Hargrove Engineers + Constructors

SECTOR

Construction; Construction Engineering

KEY CHALLENGES

Ensure the safe recovery of the company's growing virtual machine population

ENVIRONMENT

VMware vSphere servers (physical and VMware) running on Dell Equallogic hosts; computer aided drawing packages for 3D and 4D projects using AutoCAD, Bentley Microstation and other products; Microsoft Exchange

SOLUTION

Acronis Backup Advanced for VMware

BUSINESS BENEFITS

- Very fast recovery capability of within 15 minutes in the event of a data loss delivers potential savings of thousands of dollars a day
- Hargrove appreciates the ability to choose between file-and-folder and system-level recoveries

environment, on Dell® EqualLogic™ hosts, it could be very certain of recovering them rapidly in the event of a failure, according to systems administrator Angie Michini. She set a goal that these machines would be returned to productivity in 15 minutes or less.

“We needed an easy way to maintain backups for virtual machines,” Michini explains. “From my research into backup solutions, Acronis was the one I kept leaning toward. We looked at Symantec® software, but didn’t get to do a demo because we never got a call back from a demo download we requested. Reading what Acronis had to offer for virtualization, I was more impressed with the software’s capabilities.”

“Also I was very pleased with the response I got from the Acronis sales rep. She helped me get questions answered so I could implement a demo to get a good feel for the software before purchasing it.”

After completing a nearly 45-day evaluation, Hargrove Engineering acquired three licenses of Acronis® Backup Advanced for VMware as it entered the test phase of its virtualization effort. For now, the virtualization effort is being applied primarily to its non-critical servers. How this evolves will depend on what’s needed as the

virtualization effort progresses. The company has virtualized 12 servers and plans to expand the effort.

Hargrove’s goal is always to be prepared to recover as quickly as possible, Michini says. “For example, we’re working on a disaster recovery plan that will allow us to carry out virtual-to-virtual server recoveries. We use Acronis to take snapshots of a virtual server so we can bring it up in a virtual server environment if we have to carry out a quick recovery. This will help ensure we can be up and running shortly after a failure.”

“We typically have a server up and running in 15 minutes. The thing I like most is the option to go to file-level recovery rather than having to restore an entire machine.”

**Angie Michini,
System Administrator**

ABOUT ACRONIS

Acronis sets the standard for [cyber protection](#) and [hybrid cloud storage](#) through its innovative [backup](#), [anti-ransomware](#), [disaster recovery](#), [storage](#), and [enterprise file sync and share solutions](#). Enhanced by [AI-based Active Protection technology](#), [blockchain-based authentication](#) and a unique [hybrid-cloud architecture](#), Acronis protects all data in any environment, including physical, virtual, cloud, mobile workloads and applications.

[Founded in Singapore in 2003](#), today the company is trusted by more than 5 million consumers and 500,000 businesses worldwide, including [79 of the top 100 most valuable brands](#).