

# File-Level Restore Speed Increases by 97 Percent at Midwest's Largest Brewery

*"Veeam Backup & Replication is simple to use, and it was created specifically for VMware."*

— **Tony Lux,**  
Purveyor of Technology,  
Boulevard Brewing Company

## SUMMARY



### Company

Founded in 1989, Boulevard Brewing Company has grown to become the largest specialty brewer in the Midwest. The company's mission is simple: to produce fresh, flavorful beers using the finest traditional ingredients and the best of both old and new brewing techniques.

### Challenge

Legacy backup solution for physical servers didn't work with the VMware environment

### Solution

**Veeam Backup & Replication™**

### Results

- Increases file-level restore speed by 97 percent
- Reduces full image restore time by 94 percent
- Decreases space needed for backup storage, thus reduces storage costs

## The Business Challenge

Today the IT environment at Boulevard Brewing Company is almost completely virtualized. That wasn't the case in 2002, however, when the operation ran on one physical server and 25 workstations. Eventually the single physical server grew to 15 servers, but those were consolidated onto three Dell PowerEdge 2950s, which now host 35 virtual servers.

With virtualization came the need for an appropriate solution to back up and recover the new infrastructure. Tony Lux, Purveyor of Technology for Boulevard Brewing Company, began looking for a backup solution for the VMware environment that was easy to use and had an intuitive interface. He already used a legacy backup solution for the few remaining physical servers in the data center but felt that product didn't truly "understand" VMware.

## The Veeam Solution

Tony chose Veeam Backup & Replication because it was designed from the ground up for VMware environments. As a premier-level VMware Technology Alliance Partner, Veeam Software built the product specifically to work with and leverage multiple features of the V13 and VMware vSphere environments, including VMware Consolidated Backup (VCB) and capabilities available through the VMware native application programming interfaces (APIs).

Veeam Backup & Replication also met Tony's other criteria: it's easy to use and includes an intuitive interface, which he said is especially helpful during file-level restore. "Not only is Veeam's file-level restore process easy, but it's quick too," he said. "What used to take up to 30 minutes with the physical restore process now takes about a minute with Veeam."

Performing a full virtual machine restore is quicker with Veeam too. "Since the physical restore process involves tape, a full restore can take all day," Tony explained. "I haven't had to do a full restore yet with Veeam, but it should take less than 30 minutes," he added.

Given that tape doesn't offer data de-duplication, the company's legacy backup solution required much more storage space than Veeam Backup & Replication. When Veeam performs backups of multiple virtual machines, it removes blank space and de-duplicates similar blocks inside the backup file. Data de-duplication reduces disk space requirements for backups, resulting in significant cost savings.

## The Results

**Increases file-level restore speed by 97 percent** - Boulevard Brewing Company's legacy backup system involved a physical file-level restore process that took up to 30 minutes to complete. With Veeam Backup & Replication, the file-level restore process takes about one minute. Tony said Veeam's intuitive interface ensures the process is easy to execute too.

**Reduces full virtual machine restore time by 96 percent** - Performing a full restore with Veeam Backup & Replication is quicker as well. The physical restore process involves tape, so a full restore can take up to eight hours. While Tony hasn't had to perform a full restore yet with Veeam, he's confident it will take less than 30 minutes.

**Decreases space needed for backup storage, thus reducing storage costs** - The legacy backup solution required a great deal of space for tape storage, which also led to excessive storage costs. That's because tape doesn't offer data de-duplication, but Veeam Backup & Replication does. When Veeam performs backups of multiple virtual machines, it de-duplicates similar blocks inside the backup file, which reduces disk space requirements and storage costs.

## About Veeam Software

Veeam Software, a premier-level VMware Technology Alliance Partner and member of the VMware Ready Management program, provides innovative software for managing VMware vSphere 4 and Virtual Infrastructure 3. Veeam offers an award-winning suite of tools to assist the VMware administrator, including #1 for [VMware backup](#): Veeam Backup & Replication; Veeam Reporter Enterprise, for [VMware performance, storage, capacity reporting](#) and chargeback; Veeam Monitor, for [VMware performance monitoring and alerting](#) across multiple vCenters; [Veeam Configurator](#), offering complete host configuration management; and Veeam Business View, a free add-on that works with other Veeam products to [provide business categorization for the VMware vSphere environment](#). With its acquisition of nworks, Veeam's products include the [nworks Smart Plug-in](#) and the [nworks Management Pack](#) that incorporate VMware data into enterprise management consoles from HP and Microsoft. **Learn more about Veeam Software by visiting [www.veeam.com](http://www.veeam.com).**

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