SCALE BACKUP

SCALEMATRIX
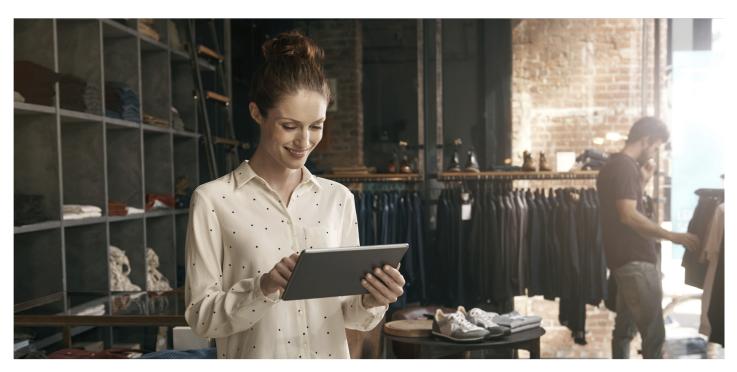Cloud. Colocation. Managed IT.

veeam

Availability for the Always-On Enterprise
The Ongoing IT Struggle for the Retail Industry

The world of retail is being redefined as data grows exponentially each year, data protection regulations increase, and as consumers and businesses adopt new technologies across multiple devices — expecting 24.7.365 access. Retailers are also experiencing an increase in business-critical applications to manage inventory, warehousing, POS and sales analytics. In the unfortunate circumstance of lost or compromised data, the consequences can be devastating for the business, its investors and consumers.

Today, more than businesses across all industries have replaced their legacy backup solutions and switched to Veeam® to better meet the Availability needs of their modern data center. These customers embrace virtualization and cloud technologies for today's Always-On Business™.

Veeam enables:

- Data recovery without compromising security — There's zero tolerance for downtime today because confidential-data exposure can result in business-crippling fines. Veeam secures backup data with end-to-end AES 256-bit encryption without any negative impact on built-in compression.

- ROBO's — Single pane-of-glass management — ROBO (remote office/branch office) centralization consumes significant bandwidth and resources for every organization. Veeam Enterprise Manager centralizes server management from multiple locations into a single view and empowers individual retail IT admins to manage assigned virtual machines (VMs), without allowing multi-tenant reporting to compromise the remainder of the data. Veeam also enables retailers to keep more data local at each individual ROBO location to decrease recovery times and bandwidth consumption.

- Data protection through a transparent infrastructure and complete visibility — Aggressive retention standards, growing customer demands and increasing IT-infrastructure complexity all make it challenging for retail services organizations to adequately safeguard the growing amount of sensitive data they're required to store and protect. Veeam resource optimization and configuration tracking helps you evaluate the performance of your infrastructure and ensures existing configurations meet all known best practices, while also enabling 24x7, real-time monitoring and alerting.

- Simplified, automated and built-in disaster recovery to save time and money — Retail data-protection-compliance standards are highly regulated and one of the most challenging requirements is consistently executing annual disaster recovery (DR) testing. Veeam simplifies this procedure with built-in DR testing through SureBackup® and SureReplica technologies. Veeam guarantees low recovery time objectives (RTOs) and recovery point objectives (RPOs), or (RTPO™) of <15 minutes for ALL applications and data, as well as simplifying proof-of-compliance with automated reporting.

- Ease of use — Increased regulations, new technologies, constrained visibility into ROBO locations where IT knowledge is limited, and 24.7.365 customer Availability demands can dramatically complicate how retail IT teams manage data — some of the available solutions are both expensive and labor-intensive. Retailers can have confidence that Veeam's products are the most reliable within the industry. Our slogan is founded on fact — It Just Works!™

6/8/2017

SCALE BACKUP

SCALE MATRIX
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VEEAM

Availability for the Always-On Enterprise

Veeam® Availability Suite™ delivers enterprise-wide *Availability for the Always-On Enterprise*™ by delivering RTPO of <15 minutes for ALL applications and data.

High-Speed Recovery:

Rapid recovery of what you want, the way you want it

- **Instant VM Recovery™:** Recover VMs in *less than two minutes* with Veeam's patented vPower® technology, so your users maintain productivity while you provision storage, extract a backup and copy it to production.
- **Instant file-level recovery:** Recover files and folders on the fly directly from an image-level backup, including Windows and Linux VMs — or from any of the 17 supported guest file systems.
- **Veeam Explorer™ series:** Quickly restore individual items directly from backups *for Microsoft Active Directory, Exchange, SharePoint* and *SQL Server*. Also, get transaction-level recovery of Oracle databases, including agentless transaction log backup with Veeam Explorer for Oracle. Leverage existing snapshot capabilities from HPE, EMC and NetApp within minutes for recovery of single files or entire VMs from storage snapshots.

Data Loss Avoidance:

Near-continuous data protection and streamlined disaster recovery

- **End-to-end AES 256-bit encryption:** Remain compliant and protected by securing backups at the source (during backup), in-flight and at rest with no impact on built-in compression and WAN acceleration.
- **2-in-1: backup and replication™:** Easily replicate data/servers to a second site and maintain backups in a *ready-to-start state*.
- **Unlimited Scale-out Backup Repository™:** Create a single, virtual pool of backup storage to assign backups, offering the freedom to easily extend backup storage as needed by adding additional storage devices to the pool.
- **Built-in WAN Acceleration:** Increase remote backup data transfers across the WAN *up to 50x faster*.
- **ROBO (Remote Office/Branch Office) support:** Get additional ROBO enhancements to improve scalability, provide faster backup and recovery and reduce WAN bandwidth consumption, and for enterprises with five to 500 remote locations, by keeping more data local at remote offices to improve RTOs and RPOs.
- **Veeam Cloud Connect:** Avoid catastrophic data loss for your organization by moving backups off site to a hosted cloud repository and continue to access and recover data directly via the Veeam backup console. With v9, Veeam Cloud Connect also includes replication to provide fast and secure cloud-based DR through a service provider.
- **Native tape support:** Remain compliant while simplifying long-term retention by archiving entire VMs or individual files to tape and restoring data from tape as needed.
- **Backup from Storage Snapshots:** Create backups and replicas from storage snapshots for HPE, EMC and NetApp as needed and with little-to-no impact on production, 20x faster backups and improved DR protection.

Verified Recoverability:

Guaranteed recovery of every file, application, or virtual server, every time

- **SureBackup®:** Verify backup recoverability every time. Test and run backups in an isolated production environment to verify recoverability.
- **SureReplica (for VMware):** Check each replica configuration and test in a virtual environment to guarantee recovery before deployment.

Complete Visibility:

Proactive monitoring and alerting

- **24x7 real-time monitoring and alerting:** Receive notification of backup and VM performance issues with alarms to avoid downtime and meet service level agreements (SLAs).
- **Resource optimization and configuration tracking:** Evaluate the performance of your infrastructure and ensures that existing configurations meet all known best practices.
- **Capacity planning and forecasting:** Forecast resource usage and utilization trends with "what if" modeling and resource overcommit tracking for your backup and virtual infrastructures.
- **Multi-tenant monitoring and reporting (for VMware):** Securely delegate reporting and monitoring to admins over a limited scope of assigned VMs.

With Veeam, enterprise organizations experience improved capacity planning, a significant increase in operational efficiency due to the reduced complexity of solutions, and with no major digital disruptions. Veeam customer satisfaction remains high because employees are more productive and revenue grows. But don't just take our word for it!

GameStop

"Veeam MP gives us the detailed information we need to be proactive in resolving issues… Veeam gives us 'eyes wide open' in the virtual environment."

Albert Uy,
IT Engineering,
APM Manager

Geotrim

"The immaturity and inflexibility of traditional backup software becomes apparent when you see how quickly and easily Veeam performs with the cloud. Backing up to the cloud through Veeam Cloud Connect is no different than backing up locally to our network storage, yet we avoided the money and work needed to set up a cloud repository. We're backing up to a service provider we trust, and trust is extremely important."

Jukka Kokkola,
ICT Expert

Tiger Wheel & Tyre

"Veeam is a game-changer. Imagine moving from painfully slow VM backup and recovery to insanely fast speeds. With Veeam we can restore a server, on average, in less than 10 seconds. It's science fiction come true. If you could recover a server in seconds, why would you suffer through products that take days?"

Melody Fourie,
Group Information Technology Executive,
Tiger Wheel & Tyre

Blokker B.V.

"One of the main reasons we picked Veeam is because it's agentless. Maintaining agents takes a lot of time, and we didn't want to run the risk of going days without backups if we forgot to install an agent on a VM during a software upgrade."

Joost Hermans,
IT Systems Administrator,
Blokker B.V.