

# Wysetek implements Veritas Back Up solution for global automaker



## The Solution helped India factory of global automaker achieve easy management and restoration of tape less backup solution.

The German headquartered leading car manufacturer operates a manufacturing plant in Pune , India that is capable of producing more than 2 lakh vehicles per year including manufacturing two popular car models and the newly launched one for India market.

The customer has an engine assembly facility (an extension to the previously mentioned plant) built in 2015 which reportedly holds production capacity of about 98,000 engines annually.

The automaker in the past was using backup application solutions from four to five different technology vendors for managing different backup applications. However it added lot of complexity to the overall IT infra and it was becoming difficult for IT team to manage the backup function for the plant. The use of tapes was also becoming a worrying factor to store them physically and retrieve when needed.

### Need for Solution

The company decided to implement Veritas NetBackup as a tapeless backup solution since it delivers unified data protection for any size enterprise with enterprise-class scale, performance, and extensive workload integrations.

Wysetek designed Veritas NetBackup solution as per client's requirement in professional manner with Pune as Datacenter location and Aurangabad as DR(Disaster Recovery) location. Wysetek implemented Veritas NetBackup for their backup requirement and used features like Enterprise Backup & Disaster Recovery, and Replicate the backed up data to other location for offsite vaulting along with NetBackup Appliance as storage. For daily monitoring, alerting, and reporting implemented Ops Center, which is also manage from HO.

Ops Center as web-based monitoring and analysis tool looks at a customer's backup operations and also provides reports to help track the effectiveness of backups, service usage and expenditures.

### The Implementation

The implementation consisted of data comprise of NDMP, VMware, Physical Server, Files & Application Server, SAP, Oracle DB Server and SQL Server. The infra has both Physical and Virtual servers. Virtual System is protected without any agent while the business critical application server (Oracle, SQL&SAP) are protected with NBU agent.

Backups are stored on NetBackup Appliance5240 (53TB) which gives greater percentage of deduplication, compression and encryption of data. Primary copy will remain on location and secondary copy will replicate to DR location through AIR (Auto Image Replication) and Accelerator option.

The customer totally removed tape base backup. In DC data is now getting stored on NetBackup appliance 5240 (53TB) and at DR Dell Storage is used as MSDP storage that supports replication, sending only deduplicated changes over the wire.

Other highlights of the implementation includes inline encryption of data at rest and secure retention for archive data, which satisfies compliance concerns. NetBackup appliance 5240 (53TB) works by distributing parts of the deduplication process to backup server or application client so only unique data segments get sent to storage server. This results in up to 50% faster backups that use less bandwidth and system resources.

### Prime Benefits

The technologies incorporated within NetBackup are VMware Protection, Database Protection, Accelerator backup option and NetBackup appliance5240 (53TB) side deduplication, compression and encryption. NDMP backup with Accelerator helped the customer protect their system which is very critical to them, all high level production and manufacturing data are getting generating on this system.

At First stage, backup will be done at DC Backup Server. Secondly, after backup it will be replicated to DR location with the help of in-built AIR and SLP features. Thirdly the catalog information will get imported at DR Backup server, which gives the ownership for replicated data.

Veritas NetBackup Appliance5240 (53TB) is a deduplication appliance which only sends the unique data segments. Its help to complete backup 50% faster and it also use less bandwidth and system resources during replication.

Recovery Point Objective and Recovery Time Objective are two of the most important parameters of a disaster recovery or data protection plan. These objectives helped the customer choose an optimal data backup plan as Veritas NetBackup helped the customer archive RPOs and RTOs in terms of data availability.

### Key Benefits of Veritas NetBackup and Appliance5240 (53TB) to Customer

- NDMP Backup with accelerator helps to protect production and manufacturing data which is very critical to them. Accelerator provides full backups at the cost of an incremental backup.
- Database Serve (SAP, SQL and Oracle) which has business critical data are protected by NetBackup agent.
- Veritas NetBackup Appliance5240 (53TB) helps to complete backup 50% faster and it also use less bandwidth and system resources during replication.

### Key Features of Veritas NetBackup

- NetBackup Accelerator – Up to 50% faster backups.
- Intelligent Data Deduplication and Auto Image Replication (AIR).
- Supports major databases such as Oracle, SAP and Microsoft SQL.
- Instant Recovery for VMware.
- Hardened Security – Secure communications and improved encryption options for MSDP storage.
- OpsCenter is a web-based monitoring and analysis tool that provides reports to help track the effectiveness of backups, service usage and expenditures.
- Granular VMware backup and recovery – Select virtual drives with a new recovery UI.