



SMS CONCAST

SINCE 1954, SMS CONCAST HAS BEEN SUPPLYING MORE CONTINUOUS CASTING INSTALLATIONS THAN ANYONE ELSE IN THE INDUSTRY. TODAY, SMS CONCAST PLANTS SET THE INDUSTRY PERFORMANCE BENCHMARKS FOR ELECTRIC ARC FURNACES, SECONDARY METALLURGY UNITS AND CONTINUOUS CASTERS.

CASE STUDY SERVER STORAGE CONSOLIDATION & VIRTULIZATION

SMS Concast is a leading supplier for electric steelmaking and casting technology. To perform well in all areas such as consulting, engineering, commissioning and service, SMS Concast supports plant operators to achieve a competitive advantage in their markets. Since 1954, SMS Concast has been supplying more continuous casting installations than anyone else in the industry. Today, SMS Concast plants set the industry performance benchmarks for electric arc furnaces, secondary metallurgy units and continuous casters. SMS Concast is based in Zurich, Switzerland. In India they have three offices Pune, Gurgaon, Kolkata.

In Pune office they have 200 users employed for design and sales purpose. As company policy they have dedicated server



**CONCEPT INFORMATION
TECHNOLOGIES (I) PVT. LTD.**

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Today, In SMS Concast, all servers are running with windows 2012 and hold the Hyper-V role in Failover cluster environment. Concept team has done migration of all physical servers on hyper-v Virtual machines successfully. All VM reside on Net App storage with FC connectivity. Concept has migrated the physical file server to Net App CIFS share. Net App share configured in controller HA mode for redundancy purpose. Concept configured the WDS service on SCCM server for client machine deployment and VMM module for Hyper-V, So SCCM was the single point of management for all setup.

Concept configured the snap mirror & scheduled replication between Pune and Gurgaon site for DR backup. For local backup we used tape based backup with SAN and NDMP option to take the all VM and CIFS share backup.

Solutions

- Design a migration on physical server on hyper v virtual machines.
- Design a SCCM server
- Design a replication between two different office locations.



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