

After their merger, MCI and WorldCom telecommunications service providers chose proven StorHouse® technology from FileTek to manage their combined and ever-growing volume of call detail and financial data. In February 2005, subsequent to a successful StorHouse implementation, Verizon Business acquired MCI WorldCom and took over company operations. Verizon Business, one of three operating units of Verizon Communications, is a premier provider of facilities-based and fully integrated local, long distance, international, and Internet services with 321 offices in 75 countries.

Several years later, Verizon continues to use StorHouse and profit from its reliability, scalability to petabytes, enterprise-wide cross-platform data access, automated storage management, and measurable cost-correct ROI.

The case study that follows describes why the merged MCI and WorldCom corporations selected StorHouse to manage critical corporate data and how Verizon Business continues to reap the benefits.

The Requirements

Before the MCI and WorldCom merger, each company had complex data warehouse and data mart architectures that stored information for various end-users throughout the organization. MCI WorldCom expected to accumulate 50 terabytes of data during the first 12 to 18 months after the merger. However, the companies' existing archival data management system could not handle the added capacity and more stringent access requirements. Investigations to upgrade the current archival system revealed numerous roadblocks and a projected poor return on investment. The challenge was clear to all involved: MCI WorldCom needed to find a better, more cost-effective and efficient way to archive, manage, and access its critical corporate data.

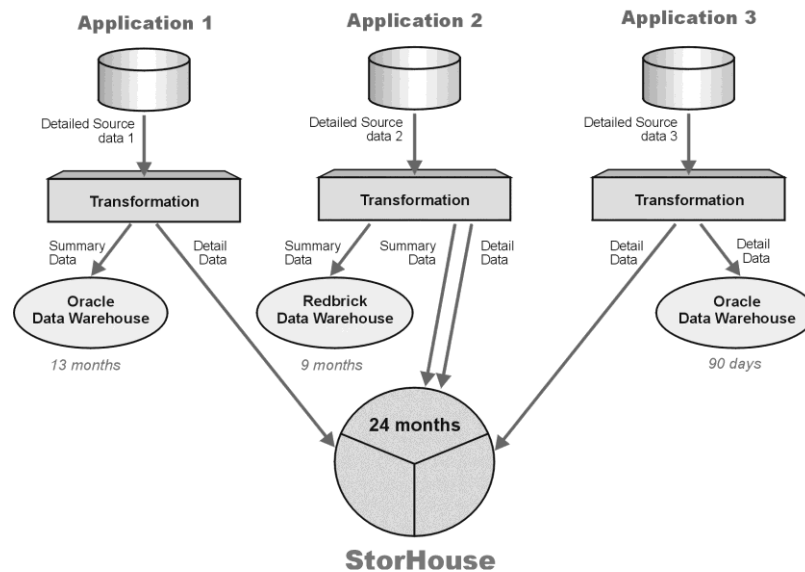
“We were concerned about lack of access to our corporate data, and the merger of MCI and WorldCom created a situation where data access became an even greater challenge,” said Glen Hanson, who was MCI WorldCom's Vice President of Corporate Systems at the time of the merger.

After much research and evaluation, MCI WorldCom chose a StorHouse high-volume information management system to meet its current and future data storage, access, and management needs. MCI WorldCom chose StorHouse with confidence because it knew StorHouse could support extremely high volumes of data and automate labor-intensive system, database, and storage administration tasks.

The Benefits

StorHouse enabled MCI WorldCom to consolidate its corporate systems data from six disparate data warehouses into a single system, with the scalability to handle much more data than MCI WorldCom currently managed and maintained for various users throughout the company.

The following figure illustrates the chosen application architecture.



“The StorHouse solution had the scalability, manageability, and accessibility we required for this project. In addition, the new data management system would continue to grow with us, providing access to individual records and automating the backup and economical storage of our data,” said Bert Naquin, MCI WorldCom’s Director of Corporate Revenue and Settlement Systems, when StorHouse was initially deployed.

Today, Mr. Naquin’s words ring true. Verizon continues to use StorHouse as an active archive repository for its critical corporate data. Because StorHouse supports direct row-level access to information across a storage hierarchy of traditional and alternative media (e.g., tape, RAID, optical), Verizon can store, retrieve, and manage more than two years’ worth of information related to long distance, local, and international calls; Internet subscribers; and corporate and network profitability.

When an officer or marketing vice president asks for a study of customer usage or profit, the Verizon IT organization relies on StorHouse to quickly produce an accurate answer from the company’s highly available and accessible archival data store.

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