

About StorHouse

StorHouse from FileTek is a comprehensive data and access management system specifically designed to administer massive amounts of structured and unstructured fixed content, historical data, and their associated backups. StorHouse provides:

- Virtually unlimited scalability
- Open architecture
- Direct access to data at the row/block level from any StorHouse-managed media, including tape
- Demonstrated economic benefits

StorHouse/BI uses the following StorHouse software components.

StorHouse/SM, the StorHouse storage management component, controls a virtual hierarchy of storage devices, including RAID, MAID, and tape to provide a single view of storage to client applications. The software is also responsible for automating critical system management tasks such as data migration between storage levels, backup, recovery replication, and retention.

StorHouse/RM, the StorHouse relational database management component, works in conjunction with StorHouse/SM to specifically administer the storage, access, and movement of relational data. StorHouse/RM uses a patented partitioning (segmentation) scheme that enables scaling to multiple petabytes with no performance degradation.

StorHouse/BI is an SAP®-certified, comprehensive nearline storage system for less frequently accessed SAP NetWeaver® Business Intelligence (SAP NetWeaver BI) data, a category of information also referred to as aged or nearline data. The system enables SAP NetWeaver BI administrators to manage both active and aged data cost-effectively and efficiently in a decision support environment.

StorHouse/BI supports all StorHouse® storage and relational database management features. It also provides a more cost-effective and better performing SAP NetWeaver BI architecture, including:

- Enhanced SAP NetWeaver BI load and query performance because aged data is offloaded to StorHouse
- Shortened SAP NetWeaver BI backup windows
- Potential for lower total cost of ownership (TCO) over disk-only storage by retaining aged data on less expensive alternative storage media
- Automatic archiving
- Higher data availability, which leads to prompter and more informed decision-making.

StorHouse/BI is an alternative to the Archive Development Kit (ADK) that comes with SAP NetWeaver BI. It targets enterprises that want access to nearline data without performing cumbersome reloads, organizations where deleting aged data is not an option, and installations where the SAP NetWeaver BI historical data repository is too large to manage efficiently. In these cases, implementing StorHouse/BI improves the performance of the entire SAP NetWeaver® Business Intelligence system.

StorHouse Integration with SAP NetWeaver BI

StorHouse supports easy integration with SAP NetWeaver BI. It provides direct, row-level access to less frequently accessed SAP NetWeaver BI data on low-cost SATA disk and alternative greener storage such as tape and Massive Arrays of Idle Disks (MAID), which allow organizations to reduce their carbon footprint. The number and mix of devices in the StorHouse-managed virtual hierarchy can be tailored to individual customer requirements. Furthermore, because StorHouse is a non-proprietary solution, data can be transparently migrated from existing devices to new storage technologies as they become available.

StorHouse/BI simplifies SAP NetWeaver BI nearline data access. It provides high-speed File Transfer Protocol (FTP) data load and unload utilities for moving information to and from SAP NetWeaver BI. Information can consist of entire tables, table segments, or data based on selection criteria such as data and time. In addition, because StorHouse is tightly integrated with SAP NetWeaver BI as a fixed content database, users can access the system seamlessly through standard SAP NetWeaver BI query and reporting tools.

Solution Features

- **SAP-certified interface** to SAP NetWeaver BI
- **Cost-effective relational archive** alternative to ADK
- **Direct SQL access** to data on alternative storage media with no requirement to first reload from tape
- **Seamless integration** with SAP NetWeaver BI
- **Automated storage management**, including backup, migration, retention, replication, and recovery
- **Choice of storage media** in a virtualized automatically managed hierarchy
- **Capacity scalable** to petabytes with no performance degradation
- **Data assurance**, including a remote disaster recovery (DR) option
- **Data duplexing** to ensure high availability
- **24x7 customer support** for proactive, preventive system maintenance

Technical Overview

SAP NetWeaver BI maintains virtual entries for StorHouse tables. These entries enable users to access StorHouse data without first reloading it to SAP NetWeaver BI. With StorHouse/BI, data can successfully be archived for InfoProviders such as InfoCubes and DataStore Objects. In addition, the software supports starting, scheduling, and monitoring the data archiving process; loading nearline storage partitions; removing data from SAP NetWeaver BI; and providing transparent access to archived data. Users can list data and create reports from InfoCubes and DataStore Objects directly from the archived data in StorHouse. They can also select data from StorHouse via SAP NetWeaver BI and load it into a new SAP NetWeaver BI data mart using Export DataSource™.

Figure 1 illustrates different methods for accessing SAP NetWeaver BI data on StorHouse.

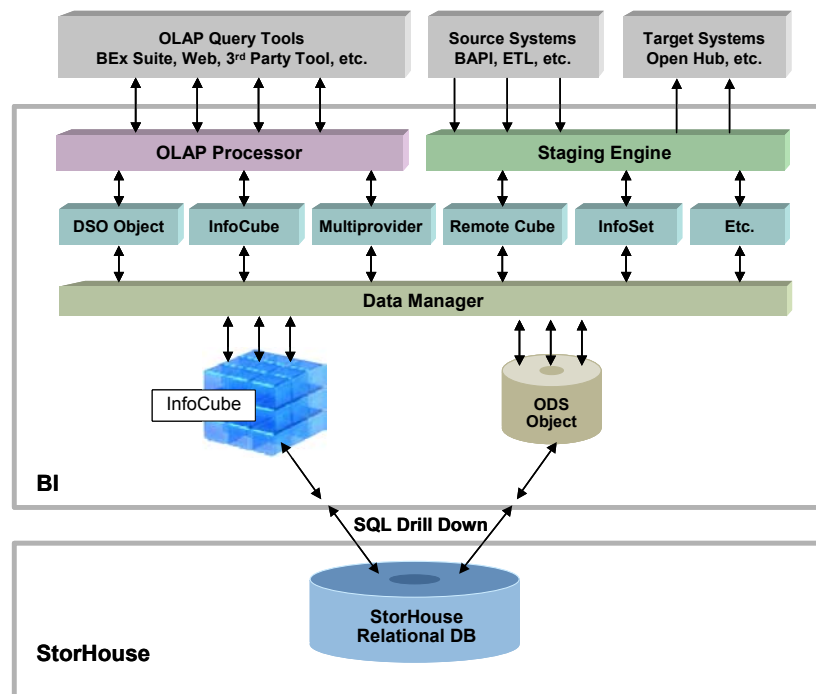


Figure 1: Data Access

The bottom line is a complete, action-oriented solution that enables SAP NetWeaver BI installations to keep nearline data highly available and accessible to business forecasters for query and analysis.

For More Information

StorHouse/BI is an easy-to-implement, cost-effective solution for managing less frequently accessed SAP NetWeaver BI data. It enables better knowledge management by keeping aged data highly available nearline and easily accessible through standard SAP NetWeaver BI query and reporting tools. For more information about how StorHouse/BI can benefit your SAP environment, contact a FileTek sales representative, e-mail info@filetek.com, or visit FileTek online at www.filetek.com.

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SAP Certified Integration

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