

Datastream 7i for SQL Server



Datastream 7i delivers a complete enterprise asset management infrastructure by combining Internet architecture with broad asset management functionality, integrated procurement, and multi-site capability. By using Datastream 7i, customers can maintain and

manage capital assets – such as manufacturing equipment, vehicle fleets and buildings – and create analyses and forecasts so they can take action to improve future performance.

The award-winning capabilities of Datastream 7i are available to companies using Microsoft SQL Server. Datastream 7i for SQL Server includes:

- > **A suite of asset management features**—from asset hierarchy management, to audit trails, to preventive maintenance, and more
- > The ability to **view and manage assets across multiple organizations** and in multiple languages and currencies
- > **Built-in, automated workflow** monitoring and management
- > **Powerful modules**—such as the Work module, the Equipment module, the Materials module, and the Projects module—to allow users to implement a solution that is specific to their organization's requirements
- > **Simple, GUI-based system administration** that minimizes the strain on IT resources
- > **Access to an online procurement network**, Datastream 7i Buy, so customers can reduce costs and streamline procurement processes
- > **Rich reporting and analytics capabilities** to help users extract valuable business insight from asset data collected through Datastream 7i, and
- > **A completely secure environment** built upon reliable and field-proven technology

Data migration tools and services to ensure a smooth transition to Datastream 7i are also available. Customers also have the ability to integrate the application with other complementary systems.

Unique Features and Benefits

Datastream 7i offers superior technology and unique features and capabilities that set it apart from other asset management solutions. These features include:

> Ease of Administration

Datastream 7i takes full advantage of Microsoft SQL Server's ease of management to provide a solution that is simple to administer and that minimizes the demands on IT. The system provides an intuitive, easy-to-use GUI interface so users can navigate swiftly throughout the application. In addition, Datastream 7i has built-in layers of redundancy and a variety of other safeguards for an unparalleled level of security and reliability, providing a single secure solution for all asset performance management needs.

> Multi-Organization Support for Standardization of Data

Another strength of Datastream 7i is its full Web architecture, which enables companies to deploy the application across multiple locations with a single server. End users need only an Internet connection and a Web browser to access the application. This allows organizations to consolidate and manage data from multiple entities with just one database while also enabling each site to view and edit its own data—using its own currency and language. These capabilities support collaboration by eliminating many business and geographical barriers.

> Support for Electronic Signature Compliance

Datastream 7i offers one integrated solution to ensure your company's compliance with the Federal Drug Administration's 21 CFR 11 regulations regarding the security of electronic records and signatures—without added IT expense. Highly configurable to meet your company's specific needs, Datastream 7i features include extensive audit trails, limited systems access with several layers of password protection, authority checks, the ability to track and control progressive changes to documents, record validation and record snapshots. And the unique Datalock signature security feature protects records against invalid or unauthorized entries, which safeguards the validity of electronic signatures and ensures the integrity of the system.

Comprehensive Asset Management Tools

Datastream 7i provides a comprehensive set of asset performance management tools to reduce costs, increase productivity, and boost efficiency across the organization. These tools include:

> Asset Hierarchy Management

Customers can track the physical location of assets through a "family tree" that displays relationships between equipment.

> Audit Trail

The system can track and log changes to virtually any field on any screen so that customers always know the latest "state" of their assets.

> Key Performance Indicators (KPIs)

These pre-defined KPIs are displayed in icon format on a convenient, easy-to-personalize home page, giving managers and executives "at-a-glance" information on key asset measurements, such as downtime and maintenance costs.

> Messenger

This feature sends automated e-mail notifications when there is a change to an item that affects a crucial business process. For example, when a maintenance manager issues a requisition or a change in a work order or purchase order, the Messenger tool sends an automatic e-mail to pre-designated personnel to notify them of the event. Keeping key personnel informed of actions reduces redundant purchasing and downtime and ensures greater efficiency.

> Preventive Maintenance

Datastream 7i's preventive maintenance (PM) program enables customers to schedule PM tasks based on multiple criteria, such as fixed dates, flexible time period, or meter usage, and then execute PM work for single pieces of equipment or for groups of equipment organized in a route.

> Usage Monitoring

This capability allows users to tie together meters and pieces of equipment to monitor usage and gain a more accurate perspective on asset "wear-and-tear."

> Warranties and Warranty Claims

By tracking the warranty of an asset, users avoid paying for service that is included with an asset warranty. Datastream 7i includes warranty management

tools that can help companies save money by tracking asset warranties and processing warranty claims. Each asset can have an unlimited number of warranties, making it easier to identify warranty claims for assets and their components. Accommodating both meter- and date-based warranties, Datastream 7i automatically tracks all work orders in the system that have a potential claim to help companies reduce overall maintenance costs.

> GIS Integration

Datastream 7i offers the ability to integrate GIS data-mapping software with asset data from Datastream 7i and other business applications. Using the Datastream 7i application, organizations can visually locate the position of widely dispersed assets on a GIS map, quickly access critical asset data (i.e., asset history, suppliers, warranties, etc.), and schedule work orders for repairs, regular inspections, or preventive maintenance. GIS integration capability also enables users across the organization to access, share and leverage information from multiple departments.

> Reporting and Analytics

Datastream 7i Analytics, a powerful data analysis tool, provides in-depth, flexible graphing and reporting capabilities to help users analyze key metrics, forecast performance, and take action to optimize asset performance. In conjunction with these tools, Datastream 7i offers a suite of reporting capabilities covering the most commonly required information demands.

To find out more about Datastream 7i for SQL Server and how your organization can implement an enterprise asset management solution, call 1.800.955.6775 (USA and Canada) or visit www.datastream.net.

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