



## Datastream 7i



# Databridge

Most information systems are designed to operate as standalone entities. Yet, real-world business processes are composed of interdependent functions, not standalone acts. For example, manufacturing equipment uptime is critical to meeting production schedules. Meeting production schedules are critical to fulfilling customer orders on time. And, fulfilling customer orders on time is critical to determining inbound volume in the call center.

In this example alone, we see how a business process—bringing a product to market—relies on three separate systems: enterprise asset management (EAM), enterprise resource planning (ERP), and customer relationship management (CRM). We can also see how each system produces information that is incredibly useful to the others. Therefore, the only way to truly support a business process is to integrate the various systems used to support that process.

Data integration has traditionally required painstaking effort and enormous costs due to the work and equipment required to standardize data in a format that all systems can understand. However this problem is solved with the Datastream 7i Databridge advanced module. There is no simpler and more cost effective way to integrate Datastream 7i into the IT infrastructure.

### Integrating Asset Information into the Business Infrastructure

Databridge uses extensible markup language (XML) to enable fast and flexible integration with other enterprise applications—from business systems, such as ERP and CRM applications, to plant floor systems or hardware management infrastructure (HMI) technologies, such as those from SCADA or Siemens.

To facilitate data integration, Databridge leverages Datastream 7i as a true Web-architected solution by combining:

- > The extensibility and simplicity of XML—the universal data structure of the Internet;
- > Up-to-the-minute asset data from the award-winning Datastream 7i asset management solution; and
- > Proven third-party collaboration technology from webMethods, one of the pioneers in business-to-business integration.

This powerful combination gives companies the ability to fully support their business processes by integrating their asset management systems and practices with those of other systems and organizations. Most importantly, Databridge offers Datastream 7i customers a simplified, cost-effective solution to the integration challenge—one that will spare them the time, effort, and expense typically associated with custom integration projects.

### Two Powerhouse Solutions Combined into One

Databridge incorporates the industry-leading, award-winning asset management technology of Datastream 7i with the world's number one data integration and business-to-business collaboration system from webMethods. This coupling gives Datastream 7i customers a comprehensive solution that is unobtrusive to existing IT infrastructures and can span any number of systems and organizations.

Databridge features an XML document-driven application programming interface (API) that helps Datastream 7i customers create a bridge between Datastream 7i and other third-party applications. It then uses webMethods middleware as the mechanism for message routing and delivery over this bridge, via the network or the Internet. These messages can be distributed and validated using all of the business rules that have already been configured in Datastream 7i, while error messages are automatically generated if a message contradicts these business rules.

Moreover, Databridge technology allows for asynchronous communication so that the various systems involved in a given process do not have to be up and running simultaneously in order for information to be processed and integrated. This is just one of the capabilities built in to help guarantee message delivery; Databridge has been specially designed for total reliability to guarantee the delivery of messages between any two given points. Customers can be assured that data transactions will be completed as intended with the speed and simplicity for which XML has become famous.

### Completely Customizable to Meet Each Customer's Needs

Finally, the Databridge product was built with the utmost flexibility in mind. The system is completely customizable to support the requirements of the customer's exact technology infrastructure; users can design their bridge in such a way that is the most seamless and effective for their respective environments.

Moreover, users can transform the data into a variety of formats, whether it is as a flat-file format or as XML. This is because of a set of utilities that, combined with access to webMethods adapters, provides the necessary tool set to map data however is most appropriate.

### A Team of Experts Ready to Help You Deploy the Best Solution

The professional services organization and Datastream software partners have extensive experience using Databridge to integrate Datastream 7i with leading enterprise software applications, such as PeopleSoft, SAP, and Oracle. This ensures that customers' integration projects are completed as quickly and cost-effectively as possible.

Databridge gives companies the ability to integrate Datastream 7i with any system that can accept XML. Whether it is PeopleSoft, JD Edwards, SAP, Oracle, or any other enterprise system, Databridge delivers seamless XML-based data integration in both client/server and Web environments so customers can choose the mode of implementation best suited to their environment. There simply is no faster and no more reliable way to integrate Datastream 7i with other enterprise applications.



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