

WRQ Verastream® Integration Software

Encapsulates Host Functionality Into Services for Rapid Reuse in New Applications

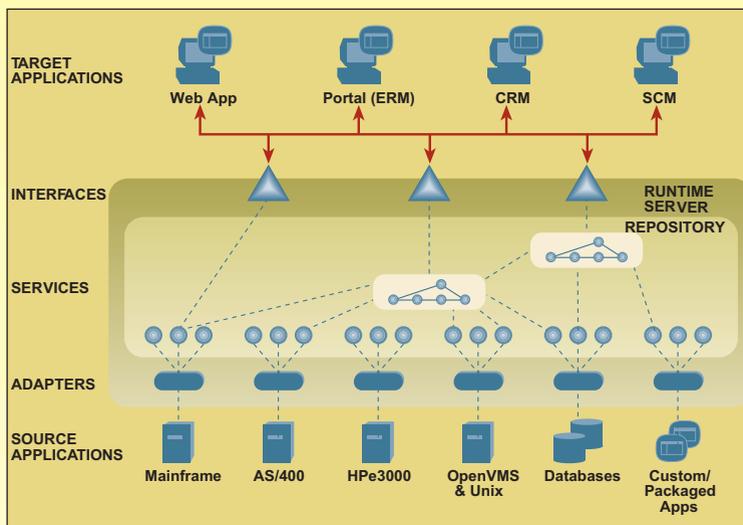
In today's fast-paced economy, instant access to information is imperative for any business to stay afloat. However, it has become increasingly difficult to access mission-critical data if it is scattered throughout the enterprise. What is required is a solution to tie all systems, applications, and host data together.

Verastream from WRQ, Inc., a leader in host emulation and integration, offers a fundamentally

new way to integrate host applications. Designed to integrate real-time applications in host-intensive environments, Verastream transforms unstructured business logic and data into services that can be accessed by application developers in a structured manner. By creating tables with database columns that name the data elements, procedures map data inputs and outputs within the tables from any host application screen and automatically manage all navigation and transaction details.

How It Works

Verastream transforms business functions stored on diverse enterprise systems into reusable, interchangeable services, that use existing, unaltered code. It then assembles and displays all available services in a central repository where developers can easily access the services and combine them to build composite services. Developers can then arrange services and composite services in any order for use in what is known as a composite application. The composite application leverages existing systems to do most of its work and represents a composite of various host business logic and data. A composite applica-



tion can be built quickly because it leverages proven, unaltered code. Developers can build composite services that integrate information from a broad range of host types, including IBM OS/390, IBM AS/400, HP VAX, and HP e3000 that run IBM, Unix, Linux, and OpenVMS operating systems. Verastream also provides a range of adapters for a diverse group of enterprise systems. The adapters expose the APIs, formats, and schemas of the underlying systems. Verastream offers adapters for Siebel and SAP applications, more than 25 databases and component models, including COM, Java, middleware, and other technologies.

At run-time, the Verastream engine executes the services called by the composite application, using the service metadata to access the business objects on the target systems in real-time. The underlying code continues to reside on the original systems and function as before. Verastream works in both real-time and message-oriented environments.

Generates Rapid Results With Minimal Disruption

Verastream's unique database represen-

tation of unstructured host applications produces rapid integration by reducing development complexity and optimizing individual skillsets. After deployment, Verastream continues to accelerate new application processing through enhanced network performance. Verastream delivers rapid results and early ROI without disrupting or damaging existing applications or operations. And because Verastream supports such a wide range of development

environments, integration developers can use whatever tools they want; therefore, no time-intensive learning curves are needed.

When client applications are written to interact directly with host applications, a full network round trip is required for each interaction. However, when client applications are written to take advantage of Verastream structured tables and procedures, transaction processing is shifted from the client application to the Verastream middle-tier server, thus reducing network traffic and improving performance.

A key characteristic of the services is their reusability. Verastream can dramatically accelerate enterprisewide integration by reusing existing business functions. If a second application is required, developers can reuse any relevant services. Each new application can then be developed faster than the one before it.

Verastream integration software is available from WRQ, Inc., 1500 Dexter Ave. North, Seattle, WA 98109. Voice: 206-217-7100 or 800-872-2829 (toll free); Fax: 206-217-7515; Website: www.wrq.com.

— Ellen J. Silverman