



# Attachmate® Verastream® SDK

for Unisys and Airlines

## An SDK for Rapid Creation of Custom Web Applications

Attachmate® Verastream® Software Development Kit enables programmers to rapidly develop custom, server-based web applications. It helps minimize total cost of ownership by extending legacy applications to new users.

Designed for Unisys mainframe solutions as well as airline and travel solutions, Verastream SDK provides an object-oriented interface to legacy systems. You can use Java, Microsoft® Component Object Model (COM), or .NET APIs to leverage valuable information from your back-end host systems.

### Key Features

- Real-time access and manipulation of legacy information
- .NET support
- IP rollover
- Host support for:
  - Unisys®
  - TPF/ALCS
  - IBM® System z (Mainframe)
  - IBM System i (AS/400)
  - UNIX®/Open VMS®
- MATIP host-to-host support
- Connection to INFOConnect® Airlines Gateway
- Improved samples and documentation
- LU naming support for 3270

## Product Highlights

### Solutions for Unisys Environments

You can easily extend existing T27 applications on Unisys ClearPath® NX Series (a.k.a. A/V Series) systems and UTS applications on Unisys ClearPath IX Series (a.k.a. 1100 or 2200 Series) systems to entirely new intranet, Internet, and e-commerce applications. In addition to T27 and UTS, Verastream SDK provides access to 3270, 5250, and VT screen types.

### Solutions for Airline and Travel Environments

Verastream SDK provides access to the industry's wide range of legacy host systems, including TPF/ALCS and UTS supporting Sabre, Amadeus, Worldspan, Shares, and Apollo\Galileo reservation systems—regardless of migration status from proprietary protocols to TCP/IP. Verastream SDK streamlines development efforts because there is no need to change legacy host code or modify airline information systems.

### The Potential of Verastream SDK

With Verastream SDK, you can use Internet technologies to develop your own web-to-enterprise applications. Here are just three examples of possible solutions:

- **Build functional, fully-integrated web applications.** Basic browser-based terminal emulation or web HTML conversion might not be adequate for your users' needs. A more advanced, fully integrated web-to-enterprise solution would tie together multiple applications and support the flow of information across various business units. Residing on a Windows- or UNIX-based server, Verastream SDK lets programmers create new web applications that provide enhanced functionality and tight integration with legacy host applications. Verastream SDK requires no host code changes, so custom applications are developed quickly and easily.
- **Create flexible objects for the foundation of your web-to-enterprise connectivity system.** Verastream SDK takes full advantage of the latest Java, COM, and .NET specifications and associated development environments. Object-oriented programming offers a powerful model for building custom solutions because it speeds development and improves application maintenance, reusability, and adaptability.
- **Migrate IHELLAPI applications.** Verastream SDK enables the migration of legacy INFOConnect HLLAPI

applications. And to facilitate migration, Verastream SDK provides many calls that correspond directly with your existing IHLLAPI calls.

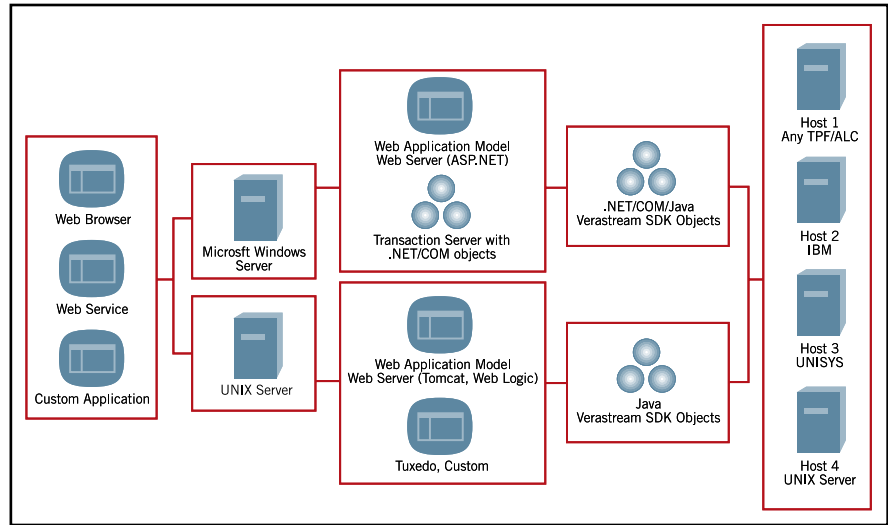
**An Alternative and Complement to Middleware**

The remote communication associated with middleware products typically consumes network and system resources. But Verastream SDK leverages your existing legacy protocol infrastructure to optimize application performance. Requiring no modification or disruption to airline information systems, Verastream SDK offers an advanced approach for host access. Verastream SDK can also provide back-end communications with legacy travel systems for third-party middleware products.

**Creating Flexible, High-Volume Solutions**

Here are some additional advantages of Verastream SDK over other middleware products for host access:

- **Highly scalable transaction processing.** Verastream SDK objects have been tested and verified to



Verastream SDK scenario example.

support more than 2,000 concurrent sessions or requests, so you get optimum efficiency and reliability.

- **Development flexibility.** Applications can be written in any language, so you can use the expertise that already exists in your organization. Developers don't have to learn new products or technologies because they can create applications in Java, .NET, C, or C++.
- **Non-intrusive approach.** Verastream SDK requires no changes to legacy applications, so you can avoid risk while accelerating development cycles.
- **Multi-host support.** Verastream provides SDK objects for almost any type of host, as well as a consistent interface between all host platforms.
- **Easy-to-use front ends.** With Verastream, you can create GUIs that are completely independent of the host application where the information is stored.

**TECHNICAL SPECIFICATIONS**

**PLATFORMS AND REQUIREMENTS**

**Development Tools**

Sun JDK version 1.5 or newer  
 Microsoft .NET Framework v. 2.0 or newer

**Operating System**

Microsoft® Windows® 2003 Server family or higher  
 Sun Solaris version 8, 9 or 10  
 IBM® AIX  
 HP/UX



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