Attachmate®

# Verastream® Bridge Integrator
# Version Comparison Chart

# At a Glance

## Verastream Bridge Integrator Version Comparison Chart

Find your product version in the chart below to see if you need an update. (If you have an Attachmate maintenance plan, you automatically receive free updates of each major release.)

| Feature | Benefit | v3.1 | v3.0 | v2.0 | v1.2 |
|---|---|---|---|---|---|
| Support for CICS Transaction Server 4.x | Staying current with IBM Transaction Server platform TS 3.1 and higher ensures the ability to take advantage of its go-forward features. | ✓ | | | |
| New Object API | A new object wrapper is included that greatly facilitates the use of objects with CICS applications using the CICS bridge. | ✓ | | | |
| New termID management and UI | A new user interface for controlling and managing TermIDs. This provides better visibility and control over state-management between the client and CICS applications. | ✓ | | | |
| Support for CICS Transaction Server 3.x | Staying current with IBM Transaction Server platform TS 3.1 and higher ensures the ability to take advantage of its go-forward features. | ✓ | ✓ | | |
| Extended API set | New high-performance services in APIs drive CICS applications with peed and efficiency. They also reduce network traffic and handle more work in one call. | ✓ | ✓ | | |
| Direct CICS Web Services Support | Clientless access to CICS applications means a zero mid-tier footprint. This eliminates the need for service wrappers, simplifies deployment, and reduces points of failure. | ✓ | ✓ | | |
| CICS-resident control of Terminal IDs | CICS can handle management and runtime control of Terminal IDs, for improved performance and fault tolerance of MRO interactions. | ✓ | ✓ | | |
| Ability to handle CICS “accum” statements | Verastream can interact with a larger base of CICS applications. CICS applications that have multiple maps or partial maps for screens are supported in the designer and at runtime. | ✓ | ✓ | | |
| Ability to handle international code pages | Single-byte host languages can be supported. | ✓ | ✓ | | |
| Support for Multi-Region Operations through the Link3270 bridge | With MRO, interactions invoking transactions that are spread across regions can be handled as a single unit of work. This opens access to the large set of MRO-based CICS applications. | ✓ | ✓ | ✓ | |
| Assignable Terminal ID support for state management | This feature allows simple and automated state management of MRO-based interactions. It also allows client applications to interact with CICS according to any terminal parameters the host application expects. | ✓ | ✓ | ✓ | |
| Bridge designer | A graphical tool for automated code generation of CICS interactions, the bridge designer simplifies the building of application navigation and provides these features:<br>• Intelligent screen navigation.<br>• Drag-and-drop variable creation.<br>• Code generation for popular IDEs like Visual Studio® or Eclipse.<br>• Navigation Tester within the design facility. | ✓ | ✓ | ✓ | |
| CICS-resident code to access CICS applications through bridge exit | Adherence to IBM CICS Web Support and CICS 3270 bridge architectures allows direct CICS-resident interactions with applications. No need for COMMAREA or DPL compliance. | ✓ | ✓ | ✓ | ✓ |
| Support for CICS application access through BMS Maps or Terminal Controls | Low-level access to all data and logic in a CICS application is enabled for information based on BMS maps (allowing symbolic naming access and name value pairing) as well as 3270 Terminal Control Programs. | ✓ | ✓ | ✓ | ✓ |

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|---|---|---|---|---|---|
| Access to unmapped host fields | Client applications can interact with unmapped information, even when the screen itself has a map. This is done natively through the Bridge in CICS so performance, and the QoS of CICS, are retained. | ✓ | ✓ | ✓ | ✓ |
| Name/value pairing | Importation of BMS maps is done dynamically and generation of name/value pairs is based on the underlying terminal controls for all unmapped fields on the screen. You can then use these unmapped fields by calling the generated name. This enables a client application not only to use name/value pairing, but also to work against any screen and any field, whether a full map has been generated or not. | ✓ | ✓ | ✓ | ✓ |
| Masking Bridge vectors | Application developers do not have to understand and manage bridge vectors. The calling application can request just the information it wants via a simple library verb available using a Java class, COM, or .NET object, or as a web service. And symbolic names are supported, simplifying all interactions. | ✓ | ✓ | ✓ | ✓ |
| No need for modifications to the CICS 3270 application or generation of BMS maps | Verastream works with current or old BMS maps, so it can be used against CICS applications without recompiling or generating maps. | ✓ | ✓ | ✓ | ✓ |
| CESN Logon and CESF Logoff procedures | Patent-pending technology allows the use of these procedures, which are not typically available to bridge access methods. This type of authentication is a requirement for many security-enabled applications. | ✓ | ✓ | ✓ | ✓ |


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