

Web Enabling on CICS

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- CSI International
- The Ivory® solution from GT Software
- H&W Computer Systems, Inc.
- Hostbridge Technology
- IBM
- illustro® Systems
- NetManage
- Syspertec

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CSI International - Entrée

- `//csi-international.com`
- Entrée is a web-based transaction server, providing mainframe access using static and dynamic web pages.
- Entrée transactions can use CICS Web Services and other CICS APIs, as needed, to construct and serve web pages.
- CICS 2.3 and CICS TS applications can be executed directly from Entrée.
- Support for CSI's Hierarchical File System (HFS) permits you to create and maintain web pages directly from your PC, using Dreamweaver®, FrontPage®, or other standard editor.
- Entrée runs in its own partition and does not use CICS resources or impact CICS response time.



GT Software – Ivory VisualConnect

- www.gtsoftware.com
- Ivory is an integrated toolset that uniquely enables rapid Service Oriented Architecture (SOA) development for mainframe CICS applications, both BMS-based and COMMAREA applications using existing skill sets.
- The flexibility to generate Java applets, pure HTML or WML depending on your end user requirements
- Convert 3270 or 5250 screens into graphically intuitive Web front-ends
- Visual Connect can be deployed:
 - Natively on the S/390 or AS/400 requiring no additional hardware or software
 - Residing on a Windows, UNIX or Linux n-tier environment eliminating the need to install software on your S/390 or AS/400.



H&W - WebTek

- www.hwcs.com
- Extend legacy CICS data and applications to the Web
- Extend CICS data to distributed applications, use the 3270 Bridge, or make CICS applications Web-aware
- WebTek is an alternative to using the CICS Transaction Gateway (CTG) or screen scraping.
- CICS-to-Web software that allows you to keep CICS data and applications secure on an IBM mainframe while providing Web access from a computer or handheld device.



Hostbridge Technology - HostBridge

- www.hostbridge.com
- Mainframe software that XML-enables CICS without any changes to existing applications
- Support for BMS, 3270, and COMMAREA
- HTTP (GET/POST/XML), SOAP, and LINK (ECI/EXCI) interfaces
- HostBridge Extended:
 - Host-based process automation
 - Native WebSphere MQ interface
 - Direct data access to VSAM, DB2, and DL/I
 - Enhanced multi-region operation (MRO) support



IBM

- ❑ www.ibm.com/servers/eserver/zseries/zvse
- ❑ www.ibm.com/developerworks
- ❑ www.ibm.com/software/awtools/wdzseries
- ❑ www.ibm.com/software/awdtools/visgen

- ❑ Connectors for z/VSE
- ❑ IDE for z/VSE
- ❑ CICS Transaction Gateway / CICS Web Support
- ❑ CICS2WS
- ❑ SOA Web Services
- ❑ WebSphere Developer for System z (WDz)
- ❑ VisualAge Generator



illustro Systems International

- www.illustro.com

- z/Web-Host
 - AJAX support
 - Runs native on zOS-OS/390, z/VSE and VSE/ESA
 - Works with any 3270 application, CICS or non-CICS

- z/XML-Host
 - Transforms any 3270 application data, CICS or non-CICS, into industry-standard XML documents
 - Runs native on zOS-OS/390, z/VSE and VSE/ESA
 - Works with any 3270 application, CICS or non-CICS



NetManage – OnWeb for CICS

- www.netmanage.com
- OnWeb for CICS creates secure, scalable, and high performance XML interfaces to existing CICS transactions – without screen scraping or host application re-engineering.
- Mainframe-resident SOA solution for CICS applications (including those developed with CA-Ideal)
- DB2, VSAM and DL/I.
- Relies on standard CICS TS program-to-program mechanisms such as Link3270 Bridge and LINK/EXCI for all of its interactions with CICS applications



Syspertec Communications - VIRTEL

- ❑ www.virtelus.com
- ❑ On-the-fly protocol converter between mainframe and Web includes an HTTP server and a VTAM relay
- ❑ Developed in Assembler (No Java) for top performance
- ❑ Uses HTML templates with JavaScript and VIRTEL scripts to guide protocol conversion between 3270 and Web
- ❑ Mainframe-based solution → Nothing to install or support on clients. Mainframe becomes a regular Web “citizen”
- ❑ No modification of Transaction Server or 3270 application code, no TN 3270, and no screen scrapping required. Turns legacy 3270 applications into genuine Web 2.0 applications with new presentation, ergonomics, navigation, workflow , and functionality
- ❑ Facilitates deployment of AJAX, REST, WAS, WebLogic, PHP, SOA and WOA architectures



Vendor Area

- ❑ CSI International
- ❑ Hostbridge Technology
- ❑ IBM
- ❑ Illustro
- ❑ Syspertec (aka ConvTek)