

# Aviva® Web-to-Host Server™

Host publisher for mainframe and AS/400®

## Secure e-business development platform

The face of business is changing. Corporations are embarking on e-business and e-commerce initiatives to extend host-based information to their employees, partners, suppliers and the general public. By bringing host data directly to users' Web browsers via the intranet, Internet or extranet, corporations are realizing tremendous cost and time savings.

Aviva Solutions' *Aviva Web-to-Host Server* is the flexible development tool and connectivity engine for Web-enabling SNA applications. Powerful host publishing software, it enables transaction-based e-business or e-commerce, providing a solid platform for customized, secure applications. *Aviva Web-to-Host Server* is the recommended e-commerce solution for extending Web-based access to broader audiences.

*Aviva Web-to-Host Server* automatically Web-enables SNA applications via on-the-fly, 3270-to-HTML conversion, making host based information accessible through standard Web browsers. Tightly integrated with Microsoft's Internet Information Server (IIS) and Active Server Pages (ASP) technology, powerful ActiveX-based tools allow you to rejuvenate traditional "green screen" applications as contemporary Web pages.

*Aviva Web-to-Host Server – flexible Host Publisher for Mainframes and AS/400s.*



## Advantages

### Key Features

**Host Publishing** – Out-of-the-box, "on-the-fly" 3270-to-HTML conversion instantly rejuvenates the user interface; Web-enables any 3270 application, providing field attributes and function keys inside the Web browser. **Extensive ActiveX/HLLAPI programming interface** combines with a powerful communications engine to create great platforms for building new Web applications. Host screens may be extensively rejuvenated to function as standard Web pages with no changes to the SNA application.

**Supports an Array of Host Systems and Application APIs** – Users can create multi-media pages by integrating data from different sources (mainframes, AS/400s, ODBC databases, etc.) going beyond regular screen-scraping.

**ActiveX Automation Objects** – Let you directly control, manipulate and interact with host sessions, providing an exceptional platform for building automated applications.

**Aviva HotConnect™** – Unique patent-pending "configure once–detect automatically" technology that provides secure, automatic migration from SNA to IP networks and ensures failsafe connectivity; transparently detects and uses the first available network connection from a pre-defined list of multiple connection types.

**Session Manager** – Permits control of all Web display and printer sessions.

**Remote Management** – Browser-based control and monitoring of all sessions.

## Aviva Web-to-Host Server - Key Benefits

**Central Management and Configuration** – Configuration management is centralized on the Web server and eased by configuration wizards. Centralized installation ensures that users always have access to the most recent versions of the software.

**Client Platform Independence** – Browser and client operating system independent: works with PCs, Macs, UNIX workstations, and more.

**Supports Windows CE** – Extend e-business and access to your host data through popular wireless palm or handheld devices running Windows CE and Pocket Internet Explorer.

**Zero-client GUI** delivers pure HTML to the browser making applications accessible to an even larger user base.

**No Deployment Required** – Installs on the Web server; no SNA-specific software installs on the client, only a standard Web browser.

**Secure** – Works with industry-standard security and encryption schemes supported by Microsoft IIS, like SSL, to ensure secured Web-to-host data flow.

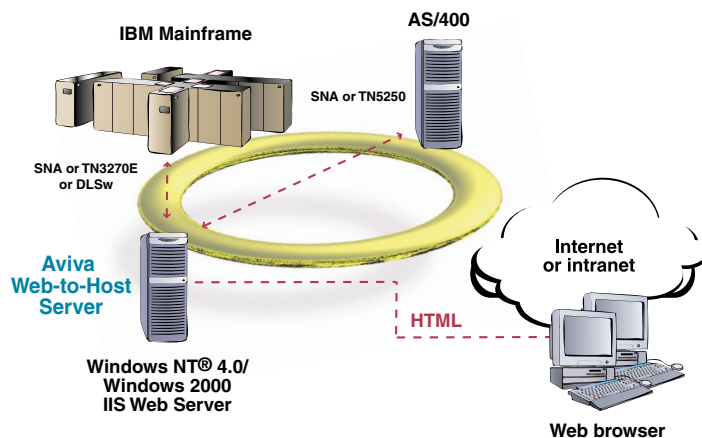
## Aviva Web-to-Host Server - Additional Benefits

**User Customization** – Users personalize keyboard and color settings, which are saved without reconfiguration.

**ASP Support** – Running on IIS, Microsoft ASP technology lets you combine HTML and in-line scripting with VBScript and Java script to produce sophisticated solutions for SNA connectivity. Tightly integrated to the ASP environment.

**Tracing and Logging Utility** – Provides in-depth analysis needed to streamline and accelerate problem-solving. Administrators can decide which sessions and protocols need to be traced, starting and stopping traces at will.

**Host Printing Service** – Printer sessions can be started as Windows services, providing host printing to departments accessing their applications through a Web browser.



## Host Connection Types

- **TCP/IP** – TN3270E, TN5250, Desktop DLSw (DDLsw). It works with any industry-standard TN3270E Server; e.g. Cisco's CIP, IBM's 2216, OS/390, and more
- **SNA LAN Gateways** – Eicon SNA Gateways, Microsoft SNA Server, NetWare for SAA, IBM Communication Server for Windows NT or Windows 2000
- **Direct Connections** – 802.2, X.25, Frame Relay, ISDN (802.2 over ISDN)

## Server Requirements

- Microsoft® Windows NT 4.0 Server or Windows 2000
- IIS 5.00 with Active Server Page (ASP) component

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