

# LANSA for the Web

## Rapidly build eBusiness applications for Windows, System i, iSeries, AS/400, UNIX and Linux

Easily build Internet, Intranet and Wireless applications that securely access and update corporate data. LANSA's 4GL allows you to rapidly generate industry standard graphical browser applications using HTML and XHTML. LANSA's eBusiness Framework also allows you to adopt Web design standards used in many of the world's highest profile Web sites if required.

### Stay competitive with LANSA

In the fast moving world of eBusiness your applications have to adapt faster than ever before. You can rapidly change your LANSA eBusiness applications to deploy data to the Web, to Windows-based PCs and to Wireless hand-held devices.

LANSA allows you to create a variety of Web user interfaces. You can start on a single server and deploy later across multiple servers – all without changing your LANSA source.

LANSA easily extends your existing line-of-business applications to the Web. You can call existing programs or integrate existing databases to reuse what you have today.

### Build better Web applications

Designing dynamic Web applications is different from building 5250 and Windows applications. LANSA's eBusiness Framework allows your staff to inherit Web design skills without the need for expensive training.

With LANSA, you can easily add self-service extensions to your existing core applications. LANSA maximizes your reach to Web users who may not have received training in your applications, by generating an intuitive user interface with native browser behavior. No plug-ins or downloads are required. You can fully enable the browser back key and forward key for easy navigation.

To enhance the look and feel of your Web site, you can enrich the LANSA generated pages for an optimal surfing experience.

LANSA provides sophisticated security controls to protect your corporate data and applications and integrates readily with industry-standard Internet security architectures.

### It's easy

LANSA's short learning curve means that developers are productively building dynamic Web applications quickly. A Layout Wizard allows you to change graphical attributes of your application without changing a line of code.

You will dramatically reduce the time it takes your organization to deliver eBusiness applications and stay ahead of your competition.



You can create award-winning Web sites with LANSA for the Web.

### How does LANSA for the Web work?

With LANSA's 4GL, you generate programs to perform functions such as order transaction, search and display and site personalization. These functions reuse the business rules you have defined in LANSA's Meta Data Repository.

LANSA creates either HTML or XHTML documents stored in LANSA's Meta Data Repository that can be edited and graphically enriched. The documents may include graphic images, drop down combination boxes, radio buttons, check boxes and tables. You can also use LANSA's

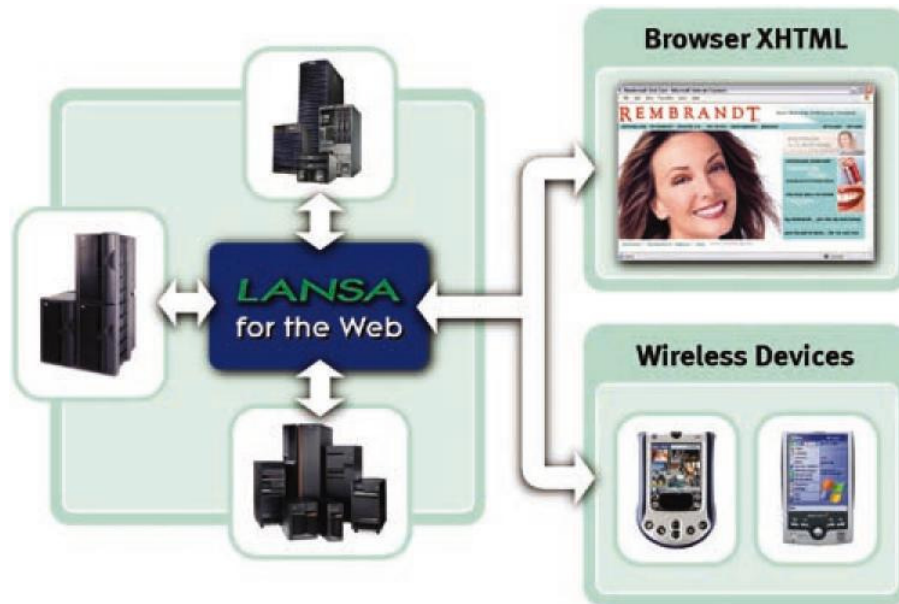
WYSIWYG form painter to modify the graphical components of your Web applications.

LANSA for the Web incorporates a capability known as Web Application Modules (WAM's). These WAM's use a technology that strictly separates business logic from the user interface by means of a layer called the Technology Service Provider (TSP).

This protects applications built upon WAM's from changes in the user interface layer, meaning that they will be readily adapted to the next wave of user interface technologies – simply plug in a new TSP and go.

At deployment time, LANSA stored procedures execute business logic and provide data for merging into the relevant pre-defined document. LANSA then renders the completed page to a Web browser or Wireless device.

LANSA manages all the complexity of Web applications: state management, business rule validation, data conversion and integration with different Web servers and existing applications. Developers can focus on meeting business requirements. LANSA handles the technical complexities. There's no faster way to build eBusiness applications.



LANSA for the Web lets you deploy Web and Wireless applications from multiple server platforms.

## Features

### • User Interface Options

- HTML and JavaScript
- XHTML
- Java Applet integration

### • Rapid Development

- Centrally define secure business rules
- Productively define logic using LANSA's 4GL and Meta Data Repository
- Separate business logic from the user interface using Web Application Modules
- WYSIWYG form painter for simplified layout design, DHTML menus and CSS support
- Back-key and forward-key enablement

### • Integrated Transaction Manager

- Connections
- Timeouts
- Commit control
- Security

### • Web Server Communications Options

- CGI
- Java Servlets
- Microsoft IIS Plug-in

### • Deployment Platforms

- Single, multiple and mixed tiers
- Web server tier: System i, iSeries, AS/400, Windows, Sun Solaris and Linux on Intel
- Data server tier: System i, iSeries, AS/400, Windows, Sun Solaris and Linux on Intel

### • Supported Web Servers

- Apache
- Microsoft IIS

### • LANSA for the Web Edge Server

- Facilitates the communications between an HTTP server running in front of a firewall to LANSA On Demand solutions running behind a firewall
- Operating Systems supported: IBM i, Microsoft Windows or Linux on Intel