



GALILEO WEB SERVICES

Web Services are emerging standards that are changing the way software is written, used and distributed. These standards are creating new ways for different software programs to communicate with one another and help solve business problems that could not be solved in the past due to financial constraints or technical hurdles.

Galileo Web Services use Internet-based connections to support data transfer between client-side travel applications and the Apollo® and Galileo® Global Distribution Systems (GDS). Galileo's enterprise-wide solutions enable business efficiencies and cost reductions as well as facilitate in the creation of custom applications to support business operations, enhance e-commerce programs, and integrate office systems *so clients can focus on customer service and selling travel.*

FEATURES

- Access Apollo/Galileo GDS via the Internet
- Compatible with all platforms including Microsoft, UNIX, Linux, etc.
- Contains a library of travel services that encapsulate common commands into a single CRS call
- Hosting provided by Galileo
- Built on open technology standards

“EzRez was able to deploy Galileo’s travel solutions over 80 percent faster than what was possible prior to Web Services. This will ultimately translate to quicker implementation, additional sales opportunities, and reduced resource requirements.”
- Tina Finch, CEO, EzRez Software

ADVANTAGES

Stop spending cash on expensive dedicated circuits! GWS eliminates the need for such hardware and can save a client \$15,000 to \$50,000 annually.

Galileo hosting eliminates server hardware & maintenance costs, which can run up to \$70,000 per server or more annually.

Open coding standards allow for greatly reduced development times (average 50% or better reduction) and can facilitate tremendous cost savings (e.g. 1,000 hour effort can result in over \$93,000 in cost savings).

Drive incremental revenue by expediting the time-to-market for new products and services.

Shielded from unnecessary technical concerns, clients can now focus on improving their business.

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Tools and Environments

Any development tools or environments that are compatible with the standards and protocols listed under "Product Requirements" can be used. These tools and environments include, but are not limited to:

Microsoft.NET, IBM WebSphere Studio Application Developer, Apache Axis (replacing Apache SOAP), Mind Electric GLUE, SOAP::Lite (Perl)

Developer Skills

Developers should have familiarity with XML, as well as the standards and protocols listed above.

Connectivity

Galileo Web Services can be supported through either an Internet connection or a dedicated connection. Because Web Services formats and standards are not limited to use on the Internet, the same protocols apply to the message, regardless of the type of network connection.

Security

Galileo Web Services servers are secure with access granted only to licensed clients. Internet connections to Galileo Web Services must also be encrypted via an SSL (Secured Socket Layer) protocol. For dedicated connections, security methods for the connection must be defined in the client application.

PRODUCT REQUIREMENTS

Galileo Web Services conforms to the following industry standards and protocols:

Message Envelope
SOAP 1.1
<http://www.w3.org/TR/SOAP/>

Message Transfer
HTTP 1.1
<http://www.w3.org/Protocols/>

Encryption
SSL 3.0
<http://home.netscape.com/eng/ssl3/index.html>

Web Service Description Language
WSDL 1.1
<http://www.w3.org/TR/wsdl>

Discovery and Integration
UDDI 1.0
<http://www.uddi.org>
Note: Galileo Web Services are not currently registered through UDDI.

Data Transfer
XML 1.0
<http://www.w3.org/XML>

**For more information on
Galileo Web Services, please contact
a Galileo Sales Executive or visit:
<http://ais.galileo.com>**