



# GoXML™ Messaging

"By implementing this phase of the STAR initiative with XML Global, a leading XML and ebXML authority, we are seeing the fruition of two years of preparation and hard work. The OAGI is fostering this open standards initiative, and XML Global who will be implementing the STAR messaging, are together validating both ebXML and the strategic vision of STAR and OAG members"

~ Tony Blazej,  
Director of Industry Programs  
Open Applications Group

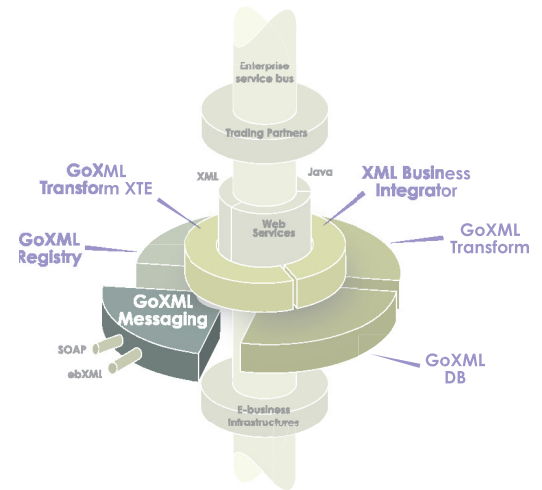
GoXML™ Messaging provides secure and reliable standards-based web services for e-Business applications.

## The Global Electronic Marketplace

The electronic exchange of business data has traditionally involved a variety of standardized formats and rules. The most commonly used rules are those of the Electronic Data Interchange (EDI) standards. This technology works well but is difficult and expensive to implement. As a result, EDI is typically used only by large enterprises with mature information technology capabilities.

The emergence of XML and other Internet-era technologies has culminated in a cohesive set of e-business standards known as ebXML (Electronic Business using eXtensible Markup Language). Sponsored by the UN/CEFACT and OASIS, ebXML consists of a suite of specifications designed to facilitate global participation in the electronic commerce marketplace. The ebXML Message Service Specification facilitates the reliable and secure exchange of electronic business documents within an XML framework.

Although ebXML business message packages are XML-based, the included payloads may be in any electronic format. This ensures compatibility with legacy e-commerce systems. Common examples of business payloads include budgets, purchase orders, and business contracts.



### Key Features and enhancements

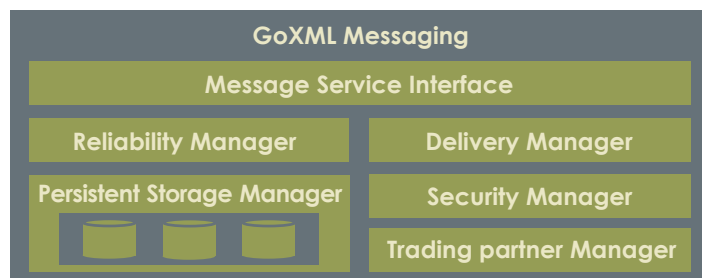
- Send and receive electronic business documents securely and reliably
- Industry certified for ebXML 2.0 interoperability
- Messaging service may be remotely accessed from any Java application
- Automatically configure trading partners

### About XML Global Technologies

XML Global provides a Business Integration Framework with plug-n-play components that include data transformation, business process integration, metadata management, ebXML messaging, and an XML repository. Our eyes look forward to the future needs of organizations, as we continue our development efforts for practical business solutions.

As an active member of XML standards initiatives such as OASIS, ebXML, W3C, and UDDI, XML Global fully supports the efforts of OASIS and the United Nations in furthering the ebXML specification for use by multinational companies.

For more information, visit:  
[www.xmlglobal.com](http://www.xmlglobal.com)



Global electronic marketplaces are emerging rapidly. In the past, they have embraced the best of EDI technologies. Now they are moving beyond EDI's limitations. GoXML™ Messaging enables participation in these marketplaces by supporting reliable and secure electronic message exchange over industry-standard ebXML.



## Secure and Reliable Document Exchange

GoXML™ Messaging facilitates the reliable and secure exchange of business messages by using the following:

- **Reliability and storage management**  
guarantee the delivery of messages even in the event of system failure. A reliability manager handles automatic re-delivery of lost messages, acknowledgment delivery, and duplicate message detection.
- **Security management**  
leverages PKI (Public Key Infrastructure) digital signature technology to provide non-repudiation of business document exchanges. Internet standard Secure Sockets Layer (SSL) security ensures communication, encryption, authentication, and authorization.
- **Delivery management**  
provides the interface for applications to send and receive documents over HTTP and SMTP.

## Maximizing Application Value

Use GoXML™ Messaging to broaden the reach of your applications through participation in e-business exchanges. You can enable your applications for business-to-business and application-to-application integration with GoXML™ Messaging as the routing, transport, and packaging infrastructure of your e-business processes. Message functionality may be embedded in your applications and accessed through a Java interface or accessed remotely with Java RMI.

You can maximize GoXML Messaging's value to your enterprise with the GoXML™ Registry and GoXML™ Transform products.

## Features

- **Trading Partner Agreement Manager** Governs the mechanics of business transactions according to the Collaboration Protocol Agreement (CPA) 2.0 specification.
- **Reliability Manager** Guarantees the delivery of messages. Several service levels of reliability are supported: Once-And-Only-Once; At-Least-Once; At-Most-Once; and Best Effort.
- **Persistent Storage Manager** Stores messages from reliable conversations to ensure message delivery, even in the case of a system failure.
- **Security Manager** Supports PKI digital signature creation and verification. Secure Sockets Layer (SSL 3.0) provides the encryption, authentication and authorization of sensitive business communications. Each document payload may have its own digital signature included in the message manifest.

- **Delivery Manager** Provides the interface for applications to send and receive messages over HTTP and SMTP. It supports both synchronous and asynchronous reply modes, thereby enabling use of the message service when a trading partner response is to be immediate or delayed.
- **Message Service Interface** Provides access to secure and reliable messaging for applications via a straightforward Java API. Applications may be integrated locally with the messaging server or remotely via Java Remote Method Invocation (RMI).

## Supported Platforms

- Windows (98, NT, 2000, ME, XP)
- Solaris
- Linux

## Contact XML Global

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