ISO15000 Electronic Business XML (ebXML)
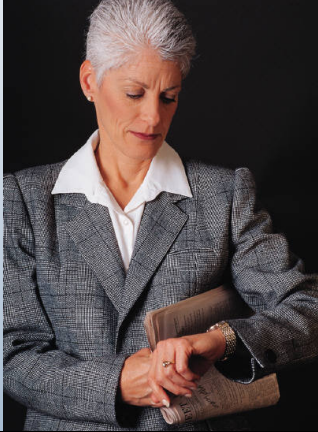
The most cost effective, capable and broadly supported solution for XML-based and traditional EDI transactional exchanges via the internet today

INTERNATIONAL STANDARDS SPECIFICATION

Evaluating Your Electronic Business Choices

As a User I Want To Know That

- *Transaction exchanges are reliable, safe and secure*
- *My transactions are processed correctly by my partners*
- *I have assurance that this meets the legal requirements*
- *My costs are low, stable and predictable*

As a Business Executive

- *I need to select cost effective and affordable solutions for my organisation*
- *I must be able to scale operations seamlessly as my needs grow including internationally*
- *All components need to use open public standards so there are no restrictions on use by participants*
- *My approach needs to integrate easily with a smooth transition for my partners and their systems*

As a Services Administrator

- *I want simple partner configuration that scales seamlessly*
- *I need stable lights out operations with reliable message delivery*
- *I want built-in security and access control*
- *I want this to work using open standards with my existing technology pool and support expertise*

As a Applications Solution Provider

- *I want my existing development environments to have support for the technology foundation*
- *I want to provide customers with simple self-management controls for their exchanges*
- *I want flexibility so I can reach as broad an audience within my marketplace as possible*
- *I want an open marketplace so I can deliver my solutions without barriers*
- *I need low implementation and no licensing costs so my solutions are affordable for my customers*

Using OASIS ebXML Standards is

1. Dependable

- A cost effective, capable and broadly supported solution for XML-based and traditional EDI transactional exchanges via the internet today.

2. Simple

- Providing secure reliable guaranteed and trusted delivery of exchanged information with the least complexity and overhead. Uses a small number of core but loosely coupled specifications.

3. Flexible

- Supporting distributed network exchange delivery and not just limited point to point connections. Uses existing web and internet infrastructure and provides highly compatible profiles for common web service interactions.

4. Open Public Standard

- The only open public license information exchange standard for business to business (B2B) that is approved by the major standards bodies including UN/CEFACT, OASIS and ISO.

5. Mature

- A robust and proven solution suite that is supported by all major vendors' platforms and their messaging hub products along with the commercial B2B messaging service providers.

6. Stable

- Available as stable and proven commercial and open source solutions. Independent certification test suites and certification services provide quality guarantees. Conformance profiles ensure interoperability across versions and components.

7. Broad Use

- In use within core major industries and government applications today including automotive, aerospace, food, farming, chemical, healthcare, power distribution, insurance, customs, freight, emergency management and government health services administration.

8. Comprehensive

- A complete solution suite, not just messaging, including partner agreements management, business process definition, interoperable information exchange design, core components, naming and design rules, and domain registry for content governance and reuse (people, processes, information, connectivity and collaboration).

9. Extensible

- An open component set that is complimentary to today's Service Oriented Architecture (SOA) approach, supports the OASIS SOA Reference Model (RM), use with emerging cloud computing environments and associated information exchange models.

10. Affordable

- An essential tool between partners for lowering costs, improving efficiencies and ensuring agility across today's dynamic and competitive economies.

OASIS

Government Solutions

- USA - DHS/CDC-PHIN - 24x7 national emergency reporting system with over 200 support facilities

- UK - National Health Service (NHS) nationwide backbone services for healthcare handling millions of transactions daily

- Norway - nationwide pharmacy insurance reimbursement system handling all daily prescriptions - secure transfer of data over public networks between 3,000 doctors, pharmacies, hospitals and the Norwegian Labour and Welfare Organisation.

- Holland - Large scale message exchange among justice, police, child protection and juvenile care organizations.

- Asia - Port Customs shipment manifest automation within Asia economic development region (ASEAN).

- US Global Justice Reference Architecture (JRA) document established for using the ebXML family of technology standards as a Service Interaction Profile (SIP) .

Industry Solutions

- Automotive supply chain and dealership spares management for GM, VW and Honda in USA and Europe coordinated through AIAG consortium

- Agro-chemical supply chain for entire pharmaceutical industry to farmer supply of fertilizers and farm chemicals in North America

- Electricity supply in US, Europe and Australia. In Europe this includes trading of electricity supply across the European grid.

- Wireless giant T-Mobile uses ebXML messaging for its provisioning and maintenance transactions in Europe that involves peer cooperation from their equally large telephone equipment suppliers.

For more information see the OASIS ebCORE website:
http://www.oasis-open.org/committees/ebCORE

and for the latest news and updates see the community news and resources site:
http://ebXML.xml.org

Other Areas

- The eBIZ-TCF project is a 2-year cooperation launched in January 2008 by the European Commission to boost e-business processes in the Textile/Clothing and Footwear (TCF) Industries.

- The Open Geospatial Consortium, Inc.® (OGC) has adopted the OASIS ebRIM (electronic business Registry Information Model) application profile for OpenGIS® Catalogue services that support the ability to publish and search collections of descriptive information about geospatial data and services.

- Product support from major enterprise integration solution providers including IBM, Oracle, Sun, and for Microsoft BizTalk.

- Profiles from industry groups including RosettaNet, HL7, IHE XDS, and JETA.