

SPEC 2000 MESSAGE TRANSFORMATION

XML SUPPLY CHAIN MESSAGES TRANSFORMED TO ANY LEGACY STANDARD

By providing real-time “in the Cloud” XML message transformation, SITA provides a bridge between the users of modern XML-capable enterprise resource planning (ERP) applications and the users’ trading partners, who continue to use legacy Spec 2000/Type B messaging

ISSUES

Bridging XML messages with legacy Type B protocols

Users of XML-capable systems must have access to a way to exchange messages with legacy Type B trading partners, in order to achieve the best interaction potential.

Integration of XML messages into IT business processes

You want to fully leverage the inherent XML capabilities of your enterprise resource planning (ERP) systems and avoid the overheads usually associated with EDI processing.

Compliance with messaging standards

Your XML and Spec 2000 messaging must adhere to industry standards when exchanging messages with legacy trading partners.

SOLUTION

Spec 2000 Message Transformation provides real-time, “in the Cloud” XML transformation to – and from – legacy Type B messages.

- Integrates XML and Spec 2000 seamlessly with the legacy Type B network
- Accepts industry-standard XML messages, thus eliminating the need for in-house EDI translation software
- Spec 2000 Message Transformation is fully compliant with ATA Spec 2000, XML and legacy Type B formats (v2006)

BENEFITS

- Provides access to the vast legacy Spec 2000 trading community
- Requires minimal investment in technology
- Requires no special EDI knowledge
- Allows XML users to fully leverage their modern ERP systems
- Cost-effective solution, as partners can communicate with standard, streamlined processes
- Spec 2000 Message Transformation is future compatible, as all of the new Spec 2000 functionality is developed in XML

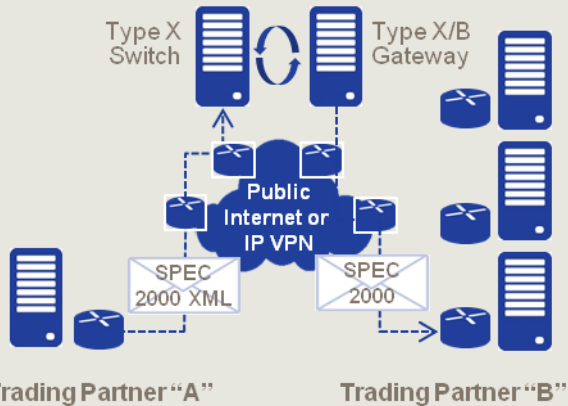
99.95%

of Type X and XML message transformation services availability

\$15 cost savings

per purchase order line as a result of using Spec 2000 - as opposed to using paper (reported by a Nordic airline at the 2011 ATA e-Business Forum)

HOW DOES IT WORK?



Trading Partner "A"

Trading Partner "B"

1. Spec 2000 XML messages are sent to the Type X switch.
2. XML messages are transformed into Type B messages within the Type X switch.
3. The Type X switch passes the transformed message to the Type B gateway.
4. Type B Spec 2000 message is delivered to the legacy user.
5. Legacy user response messages follow the reverse path.

SOLUTION COMPONENTS

Integration middleware services

- SITA/XML connection options (MQ Client or SITA TAXI)
- Type X connection to SITA over private IP network or via the Internet
- Type B address for communication with legacy partners

Message distribution services

- Switch for inbound and outbound messages
- Single largest access point to 2,400 companies in the air transport industry community

Transformation services

- The service transforms the available XML message schemas to and from legacy Type B format messages for the following chapters of ATA Spec 2000:
 - Chapter 2 – Procurement Planning
 - Chapter 3 – Order Administration
 - Chapter 4 – Customer Invoicing

Because Spec 2000 Message Transformation is used in conjunction with Type X, customers can exchange XML messages directly with other XML users over the SITA Type X network.

CASE STUDY

A major MRO provider needs to reach both the legacy Type B/Spec 2000 and XML user community, but its new generation ERP system's EDI capability is based on Spec 2000 XML.

SITA's Type X messaging solution provides the security and reliability that Type B users have recognized for decades, by enabling Type X users to exchange XML messages across the global SITA network.

SITA's XML transformation service manages the transformation between Spec 2000 XML and legacy Type B format for supply chain messages between the customer and its trading partners. The XML envelope is also converted to Type B, thus allowing the entire message to be delivered via SITA's global network.

Response messages follow the reverse path and are delivered to the XML user in XML format.

For more information please contact us at info@sita.aero