



## **xSPEC2000** **ATA XML Converter**



xSPEC2000 provides a one stop product and integration solution.

Our solution, being highly integratable and allowing rapid integration into your ERP back end system, provides SPEC2000 XML conformity to meet modern and efficient business needs.

### **The Market**

In today's world the interchange of information between business systems is of ever increasing importance.

The ATA SPEC2000 XML provides benefits to simplify interconnectivity between vendors and customers.

Aim is to lower costs, increase reliability and to provide better information flow using proven industry standards, protocols and importantly, secure communication channels.

### **Background**

Nowadays it's more important than ever to have the right solution in an ever more complex system environment.

### **Advantages**

Proven and reliable SPEC2000 XML implementation for the Aerospace Industry. With our 'out of the box' solution and our implementation experience we can rapidly and cost-effectively implement SPEC2000 XML.

Provides a transparent SPEC2000 XML solutions to your backend ERP system for better maintainability and control.

Universal conversion of customizable flat files (including EDIFACT/X12) / SPEC2000 Type B / SPEC2000 XML in any combination and partner specific.

In addition CSV and freely definable delimited flat files can be used.

Supports the most widely used protocols in the industry today, namely FTP(S), SMPT(S) and HTTP(S).

Validation of all inbound and outbound messages including partner specific XSD validation.

Customizable SPEC2000 XML invoices can be created as PDF files to be printed or electronically sent to your customers invoicing department.

Adaptable XSLT Stylesheet transformations can be changed easily at any time.

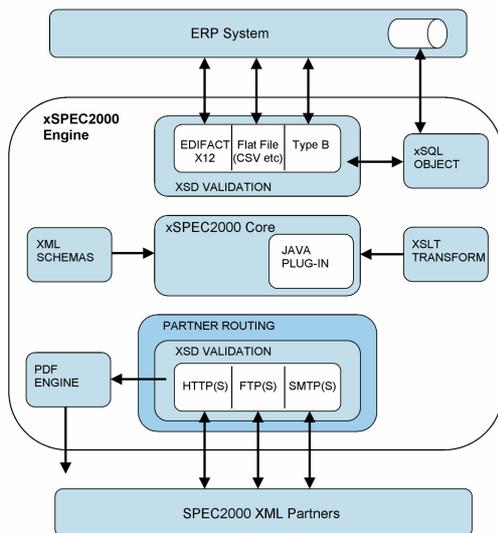
### Product Architecture

The xSPEC2000 Engine consists of three modules, namely the Core, ERP Connector and XML Connector.

The xSPEC2000 Core is responsible for process control, performing mapping transformation as defined in the XML Schema and applying the optional XSLT Stylesheets. Java Plug-ins are also defined here.

The ERP Connector performs backend XSD validation and the appropriate mapping to and from EDIFACT/X12, flat files, CSV files ATA SPEC2000 Type B or SQL Objects insertion to and from the backend Database.

The SPEC2000 XML Connector provides partner routing functionality, for each predefined partner XSD validation and communication protocols (HTTP(S), FTP(S) or SMTP(S)) can be defined. An integrated PDF Engine is also available and provides the option of creating customized PDF files, ideal for printing Invoices.



### Benefits

Take advantage of our long and proven experience and expertise in the Aerospace Industry, benefit through project implementation covering the entire business lifecycle.

### Message Table

The table below provides an overview of the standard mappings available in the xSPEC2000 XML package. In addition to the ERP interface standards EDIFACT and X12, customizable flat file definitions are also possible.

ERP (EDIFACT/X12)	SPEC2000 EDI Type B	SPEC2000 XML
INVRPT/846	S1STOCKS	ATA_SparesStockInquiry
INVRPT/846	S1STOCKS Response	ATA_SparesStockResponse
REQOTE/8401	S1QUOTES Quotation Request	ATA_SparesQuoteRequest
QUOTES/843	S1QUOTES Interim Quotation Response	ATA_SparesQuoteInterim
QUOTES/843	S1QUOTES Final Quotation Response	ATA_SparesQuoteFinal
ORDERS/850	S1BOOKED	ATA_SparesOrder
ORDRSP/855	S1BOOKED Order Acknowledgement	ATA_SparesMessageAck
-/-	S1BOOKBK	ATA_SparesOrderBookback
-/-	S1BOOKBK Acknowledgement	-
ORDCHG/860(Buyer) 865(Seller)	S1ORDEXC	ATA_SparesOrderExc
ORDRSP/865(Seller)	S1ORDEXC Response Acknowledgement	ATA_SparesMessageAck
REQDOC/-	S1PNSTAT	ATA_SparesOrderStatusInquiry
RDRMES/-	S1PNSTAT Response	ATA_SparesOrderStatusResponse XML
OSTENQ/869	S1POSTAT	ATA_SparesOrderStatusInquiry
OSTRPT/870	S1POSTAT Response	ATA_SparesOrderStatusResponse
DESADV/856	S1SHIPPD	ATA_SparesSupplierShipNotice
INVOIC/810	S1NVOICE	ATA_SparesInvoice
APERAK/-	S1NVOICE Acknowledgement S1INVACK	ATA_InvoiceMessageAck
APERAK/-	S1INVEXC	-

### Detailed Description

Using the latest Java technology (J2SE 5.0, JDBC) you can now easily implement B2B Industry Standards.

With our new xSPEC2000 Package you can easily enhance your ERP environment to be ATA SPEC2000 XML conform, platform independent and EDI/XML compliant.

Supports ATA SPEC 2000

- Chapter 2 (Procurement Planning)
- Chapter 3 (Order Administration)
- Chapter 4 (Customer Invoicing)

The optional xSQL Object allows direct DB transactions with your ERP Database.

The entire package can be set up to your needs allowing SPEC2000 Type B and SPEC2000 XML to be used concurrently.

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