

Added XML Features

Continuity with Existing Products

Improved Interoperability

Trading Partner Library

Easy to implement and maintain, EDI ECommerce provides a streamlined method of managing EDI communications between your trading partners, QAD solutions and other enterprise solutions. EDI ECommerce places the processing logic, EDI document specifications and trading partner specifications in database tables that can be modified at the user interface level with a set of maintenance programs. The ability to share trading-partner-specific conversion tables between all EDI ECommerce customers and to rapidly create and modify conversion tables at the user level significantly reduces time spent on implementation, testing and creating user interfaces.

With MFG/PRO, EDI ECommerce supports the exchange of business documents in QAD's standards neutral format (SNF) and XML-formated messages. Because XML is an evolving global standard for Web-based data exchange, EDI ECommerce with XML capabilities positions users for the next generation of business data exchange technology and messaging standards.

Compatible with MFG/PRO eB, eB2 and eB2.1

QAD SOLUTIONS

ADAPTERS AND TOOLS

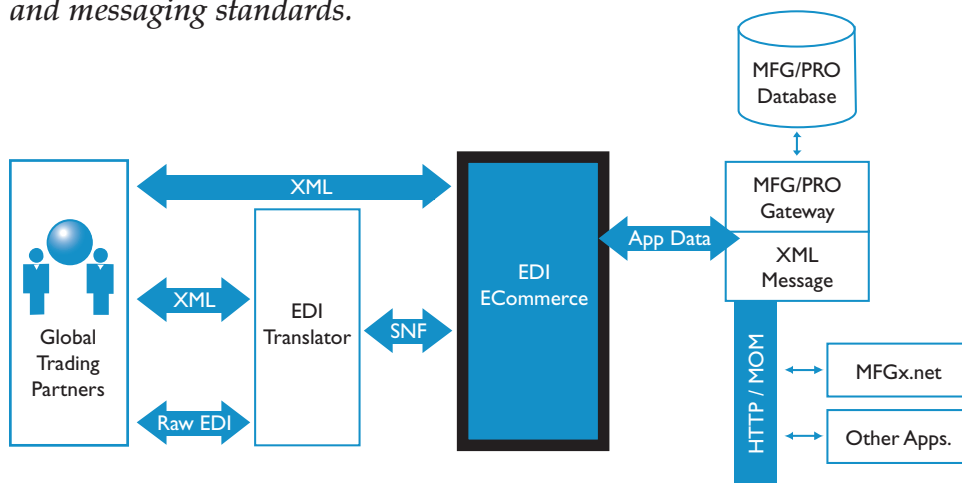
MANUFACTURING COMMUNITY

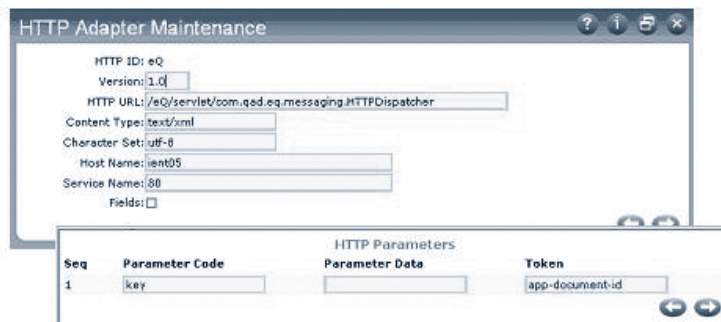
EXTENDED ENTERPRISE

ENTERPRISE APPLICATIONS

FEATURES

- A global solution that is EDI standard independent
- Table-based document conversion
- Supports multiple trading partners, document types and communication standards
- Leverages a Web-based shared library of trading partner document definitions
- Extends EDI interoperability by adding Web-based integration capabilities
- Connectivity options include third party translators, HTTP and middleware adapters
- Supports both attribute- and element-based XML formatted messages
- Supports QAD Supply Visualization
- Serves as a data exchange tool between QAD applications and those used by other business trading partners





XML-related EDI ECommerce features include a user interface for specifying parameters for connecting to Internet services via HTTP.

XML Features

EDI ECommerce's powerful table-based mapping structure can recognize inbound documents in XML and translates them into structured MFG/PRO business documents. For trading partners that require MFG/PRO output in XML form, EDI implementers can set up EDI ECommerce to mark exported data elements with specified XML tags. User-defined tags—specified as part of file definitions—can include either attribute- or element-based XML.

In order to Internet-enable EDI messaging, EDI ECommerce now supports HTTP connectivity with external applications, such as HTTP servers, exchanging XML documents with MFG/PRO. In addition, EDI ECommerce also supports connections with middleware products, such as MQ Series, that provide message transport services between applications. EDI ECommerce also supports connections with middleware products, such as MQ Series, that provide message transport services between applications.

Continuity with Existing Products

XML is rapidly becoming the standard tool for transmitting business data, however, the XML formatting does not reduce the need for data integration requirements between trading partners and their back end applications. Because EDI ECommerce can manage XML-formatted messages and complex data transformations, it extends the use of automatic business documents into the supply chain.

While slightly different mapping requirements are used for XML documents, standard EDI ECommerce functionality remains intact, including callable Progress functions, error management, audit tracking, expanded reporting capabilities and its ability to manage turnaround data. In addition, much of the existing trading partner setup data can be preserved and simply modified as needed to support the tagged formats. The trading partner document specifications are applicable to processing EDI data whether you are connecting to the Internet using HTTP or delivering an XML-formatted message to a middleware product or a back-end application.

```

<?xml version="1.0" ?>
<message>
  <name>ORDERS</name>
  <type />
  <kind>3</kind>
  <record>
    <internalName>1OHEADER</internalName>
    <name>1OHEADER</name>
    <pos>1</pos>
    <level>1</level>
    <min>1</min>
    <virtualName>
      <option>1</option>
      <field>
        <name>RecordTypeIndicator</name>
        <min>1</min>
        <max>1</max>
        <name>PurchaseOrderType</name>
        <min>1</min>
        <max>1</max>
        <type>1</type>
      </field>
    </virtualName>
  </record>

```

Records and fields within business documents can be assigned XML tags based on how they function as attributes or elements of the document.

Improved Interoperability

With the added ability to communicate XML documents via HTTP protocol or a middleware product, EDI ECommerce can be connected in ways beyond traditional EDI systems into the domain of e-business integration tools. With MFG/PRO, it enables connections to a variety of Web application services, as well as message queues to allow for connections to hosted EDI translators or inventory visibility applications such as QAD Supply Visualization. EDI ECommerce also supports Shared Services Domain. For MFG/PRO eB2.1, one instance of EDI ECommerce can enable the exchange of business managers between individual domains as well as between each domain and their specific trading partners.

Trading Partner Library

The EDI ECommerce Trading Partner Library is a collection of unique trading partner documents (or trading partner definitions). The library contains hundreds of EDI trading partner documents commonly used across a variety of industry verticals including the automotive, consumer products, electronics, food and beverage, industrial, and medical product industries. The library is easily accessible to QAD customers and partners from the QAD Web site.

The implementation of EDI ECommerce is facilitated through utilization of existing, generic trading partner documents. Because generic trading partner documents usually contain about 80 percent of any trading partner's specific data transfer requirements, an EDI-knowledgeable operator can quickly enhance, modify or even add new trading partners.



A Passion For Manufacturing

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QAD enterprise applications leverage advances in Internet and enabling technologies to provide critical functionality for managing manufacturing resources and operations within and beyond the enterprise, enabling global manufacturers to collaborate with their customers, suppliers and partners to make and deliver the right product, at the right cost and at the right time. Every working day, QAD software is used at more than 5,200 licensed sites in 80 countries.

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