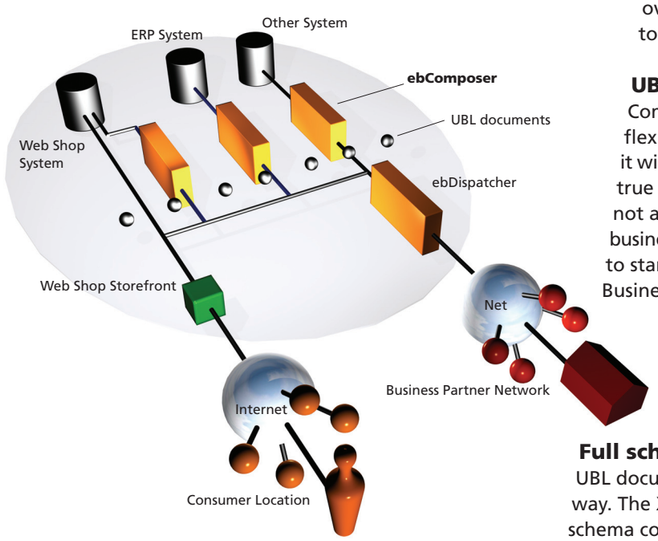
ebComposer UBL **provides**

- **electronic businesses document exchange using an acknowledged document standard**
- **implementation of the emerging UBL standard, which is replacing EDI documents**
- **your business application with the ability to send and receive standard electronic documents such as orders and invoices**
- **software components which can be easily adopted into your environment**
- **dramatically reduced development time**
- **full UBL 2.0 and NES document standard compliance**



ebComposer UBL **features**

- **Fully supports all 31 UBL 2.0 documents**
- **Full schema compliance**
- **No complex XML parsing or writing**
- **Full UBL 2.0 documentation with Intellisense™ code completion support**
- **Enumeration type checking**
- **Develop in Microsoft .NET Framework 2.0, Dynamics NAV, in COM Clients or other OLE Automation hosts**

UNIMAZE
www.unimaze.com

Transform your business into e-business

All companies can benefit enormously and cut down costs by doing their business electronically instead of conventional paper handling. By taking the step of using a universally acknowledged standard of document formats, you can start communicating with your business partners without the overhead and hassle normally involved with businesses trying to comply with proprietary document formats.

UBL is the emerging standard

Communicate with your business partners using UBL since the flexibility and well-defined business processes have proven that it will be widely adopted by enterprises of all sizes. This is especially true for small and medium sized enterprises, which generally did not adopt the EDI standard but are implementing electronic business based on UBL now. ebComposer UBL enables your business to start exchanging electronic documents using the Universal Business Language.

Full schema compliance of all UBL 2.0 documents

UBL documents are in fact XML documents structured in a standard way. The XML documents created with ebComposer UBL are fully schema compliant according to UBL 2.0 XML schemas. All 31 UBL 2.0 documents are fully supported, including Order, Invoice, Credit Note, Quotation, Catalogue, Bill of Lading, Despatch Advice, Transportation Status and more.

No complex parsing or writing

The developer using the ebComposer UBL class library is only concerned with document objects, not complex XML parsing or writing. The over 1200 types of UBL 2.0 are broken down into 130 manageable and reusable classes.

Full documentation with Intellisense™ code completion

The ebComposer UBL provides a fully documented class library with relevant information from the official standard. Developers will find the library intuitive to use with Intellisense™ documentation and code completion.

Enumeration type checking

ebComposer UBL provides type checking of all enumerations built into UBL 2.0 (languages, country codes, currencies and binary object MIME types). With a special mapper these enumerations as well as other code and identifier lists can be mapped to the codes and identifiers used in your backend system, guaranteeing compliance with the business profiles you use.

ebComposer UBL **business benefits**

On customer side:

Comparison of items from different suppliers

Correct identification and pricing of items

Systematic acquisition process

Invoice validation

Systematic application of invoice control

Matching of invoice and order

On supplier side:

Tailored item and price information

Correct identification and pricing of items

Closer customer relations

Increased trust in received orders

Faster invoice transfers

Acknowledgements of invoice receipt

Shortened payment cycle and improved cash flow

Automated order processing

Reduced bad debt

Using ebComposer UBL

Documents are created using combined object classes in .NET (or in other development frameworks such as Dynamics NAV). These object classes are then written out to a server or to a file as a UBL 2.0 document. Within .NET a received document is read from a server or a file and data is extracted from object classes. Documents are sent from one business to another according to defined business processes (which could be, for example, NES Profile 7: Simple Procurement).

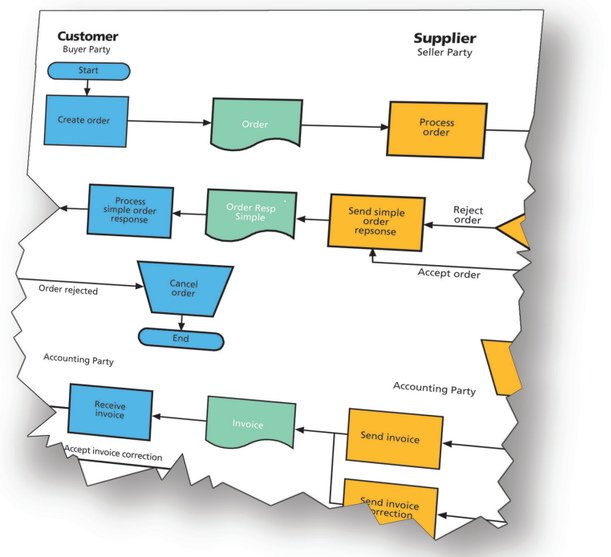
Creating a UBL 2.0 document

Use classes in your programming language (here shown in Dynamics NAV) to create a UBL 2.0 compliant XML document and write it out or send it away.

Parsing a UBL 2.0 document

Read or receive a UBL 2.0 compliant XML ocument and extract information using classes in your p rogramming language (here shown in .NET using C#)

3

Apply to complete electronic business processes

Send and receive multiple types of UBL 2.0 documents to form business process activities with your business partners. The parsing and creation of the documents becomes part of the business process (shown here as NES Profile 7: Simple Procurement).