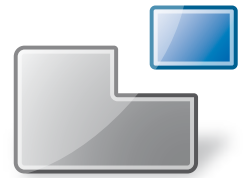


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ELO Business Logic Provider

ELO business solution for ERP applications



More power for your processes

ELO Business Logic Provider - the integration module for ERP-oriented process solutions

The ELO Business Logic Provider (BLP) enables the efficient linking of different ERP systems to the ELO Enterprise Content Management (ECM) platform. The ground breaking design and technology differs dramatically from existing interface concepts which are usually inflexible and restricted in scope.

The basic concept behind **ELO BLP** is based on a service-orientated architecture (SOA) and provides its functions as services relating to business processes. This essentially allows for high flexibility and is future proof in itself. In practice, it means flexible customisation options to develop profitable specific customer solutions, taking commercial application updates into account.

In conjunction with **ELOprofessional** and **ELOenterprise**, **ELO BLP** provides optimum support of business processes, regardless of whether these are targeted at the creation, processing, storage or workflow management of documents or their linking with information in the ERP system.



The solution
practical added value



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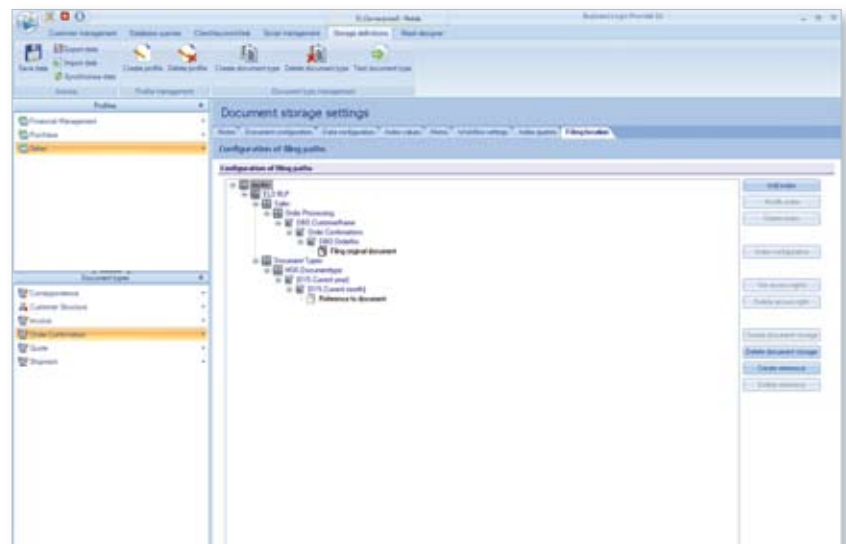
Investment protection through flexibility

ECM by design

A major benefit of the ELO BLP is the unique opportunity to configure business logic and the interface to the required services individually: With the efficient design module, modelling takes place through a central tool, regardless of the integration technology and storage requirements.

The interaction of individual applications can be customised efficiently and transparently using central rules. There is no need for time-consuming and cost-intensive programming.

Both the specific business logic as well as the necessary interfaces can be managed using the ELO BLP design module: The designer saves the business logic in a separate business template and the application-related data in an application template. Highest levels of flexibility, but primarily investment security, are the result. E.g. if changing systems from only the application templates may need to be exchanged.





Return on Investment: Fast!

The approach of standard interface concepts displays significant disadvantages: Generally the implementation of customer-specific processes is associated with high costs and efforts and is to a large extent at the expense of the ability to update the ERP solution. By contrast, project implementation with the **ELO BLP** is much faster thanks to the pre-configured industry templates. Another advantage is achieved through minimised adaptation requirements within the ERP system as the actual intelligence is directly integrated in the **ELO BLP** as middleware. Unlike conventional interface concepts, this contributes significantly to the ability to update the ERP application.

Highly Efficient Output Manager - processing of print data from the ERP system

The **ELO BLP** Output Manager provides a flexible interface for processing print data directly from the ERP system.

TIFF or PDF documents can be generated from any document. The indexing of documents with the data from the ERP system or external systems is fully automated.

The profile-supported generation of background forms is possible for every document type in order to store the document in the **ELO ECM** system in such a way that it corresponds to its intended appearance.

It is also possible to archive non-permanent documents which – after posting – do no longer. When processing print data, not only the documents but all the associated structures, including references, are of course saved in the **ECM** system.

With the **ELO BLP**, it is also possible to determine what to do with documents needed to be archived several times. Do these documents have to be stored as new versions of an existing document or are they additional documents. The entire (version) history of a document is saved in the **ELO ECM** system so that it can be fully tracked.

Document integration made easy

The ease of use of the **ELO BLP** enables the comprehensive storage of business documents in the **ELO ECM** system, automatically in the background or by clicking a button in the user dialogue:

- Processing of print data from the ERP system with the Output Manager
- Filing and workflow management of scanned documents directly from the mailroom
- Barcode recognition from scanned documents
- Direct filing of documents from Microsoft Word, Excel and OneNote
- Direct saving of e-mails from Microsoft Outlook
- Saving files directly from the file system

The entire document processing procedure is controlled by the central setup at minimum effort.



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Using rationalisation opportunities

Scanned documents: Own and external documents

Signed proofs of delivery (POD), validated test certificates or performance certificates are important documents of proof and are necessary to be stored. Using **BLP** barcode recognition, scanned documents can be indexed automatically, archived and assigned to processes in the ERP system. The **ELO BLP** also obtains corresponding processing information from the central business rules repository.

Incoming invoice processing: Perfect for future growth

The automated processing of incoming documents provides an extensive cost saving opportunity. In close coordination with the **BLP**, the **ELO ECM** system enables the automated scanning of documents, data extraction and the targeted direction thereof to General Ledger posting procedures via predefined approval processes. The result is a faster and more secure processing of business transactions within the MS Dynamics AX environment. The **ELO** system offers several solutions for this:

1. The solution for small and medium document quantities

Depending on the specific company requirements, the **ELO Business Logic Provider** can gradually increase the degree of automation. Growth is therefore not a problem because due to the **BLP** architecture, the processing technology used is operated independently from the business logic and can therefore be changed at any time.

Incoming invoices can easily be assigned through individual functions such as the generation of barcode labels using **BLP Connect PlugIn Labelprint** or directly from the ERP system. The **ELO BLP Barcode** module then undertakes the automated processing of documents and the appropriate assignment of incoming invoice, order and/or posting processes into ERP system.

Through the seamless connection to the **ELO EMC** solution, the user can access **ELO** via ERP system or, vice versa, open Navision objects directly inside the **ELO** client. An employee can, for example, display all associated documents in **ELO** for a purchasing process from MS Dynamics AX. This provides a comprehensive and transparent overview.

Based on this functionality an efficient processing of incoming invoices is possible even for small and medium companies.



2. The solution for large document quantities

With large quantities of documents, early recording of incoming documents is the ideal form of transaction processing in the MS Dynamics AX environment: Hard copy documents are scanned directly in the mailroom and the electronic versions are directed through the relevant processing steps. This process eliminates waiting times and enables immediate automated processing of the relevant documents. This type of automated document classification and data extraction can be carried out using the additional solution **ELO DocXtractor**. As part of the intelligent free-form recognition the data, relevant for posting and processing, can be extracted independently - without manual intervention.

With the **ELO BLP**, the automated recognition of incoming invoices is thoroughly integrated in the ERP system. Using the optional **BLP** components for the DocXtractor, all relevant information from the ERP system can be generated in the DocXtractor database aiding the verification of recognised data. In connection with the recognition process, data relating to posting can also be transferred to the ERP system, both for so-called cost accounting and for invoices with a purchase order background.

The manual compilation and data entry of document data into the posting mask is no longer needed resulting in significantly faster processing. In addition, using the **ELO BLP** and the **ELO Workflow**, targeted processes can be managed across departments. Via workflow monitoring, the user is provided with an overview of the status of a process at all times. The system also independently monitors compliance with specific payment deadlines and prevents a possible loss of discounts, for example.

ELO BLP Highlights

- Unique technology where business logic and application parameters are managed in freely configurable templates
- Automated processing of print data such as receipts, reports, Office documents, etc. directly from the ERP system
- Industry specific configurations and best-practice approaches at the click of a button
- Easy filing and assignment of e-mails and Office documents
- Cost efficient automated processing of incoming documents
- Automated creation of filing structures from the ERP system
- Targeted control of document flow with the **ELO Workflow** components
- Transaction-related search and filter queries to the archive system directly from the ERP system



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Intelligent e-mail management

Integrated creation and processing of Office documents

Smooth transaction processing requires everything to be seamlessly meshed together. The **ELO BLP** Connect Office plug-in has been developed with this in mind. Using pre-defined templates, the processing of outgoing correspondence can be realized with ease. At transaction level, for example, customer or supplier correspondence can be created directly from the ERP application. Here, the document template is automatically populated with the required information based on the existing ERP system data.

ELO BLP also ensures the correct filing of and linking to the ERP system data and transactions directly from Microsoft Word and Excel. This guarantees consistent transparency of transactions, even after these have been completed. The easy creation of Office documents directly from the ERP system generally enables up to 70 per cent of correspondence to be automated.

Integrated e-mail processing

As business correspondence, e-mail is subject to legal requirements. The regulation on the principles of data access and verification of digital documents specifies that e-mails relevant for tax purposes have to be clearly indexed and retained for a relevant statutory period. This also lends itself to managing e-mails at transaction level based on the **ELO** ECM system together with the ERP system. **ELO** provides e-mail archiving services and uses the **ELO BLP** to enable the direct link and assignment to the relevant transaction within the ERP system. Irrespective of whether the task at hand concerns a supplier issue, order processing or a customer project in general: Through the **ELO BLP** link, a complete overview of a transaction is provided at all times.

This naturally applies to all incoming and outgoing e-mails. In both cases, appropriate archiving and assignment to the appropriate MS Dynamics AX transaction will take place simultaneously.

Extensive search also directly from the ERP application

Using the powerful SmartSearch functionality, direct access to all types of documents is possible directly from the ERP application. At the click of the mouse, employees can, for example, see an overview of all documents for the relevant customer directly from the MS Dynamics AX accounts receivable card.



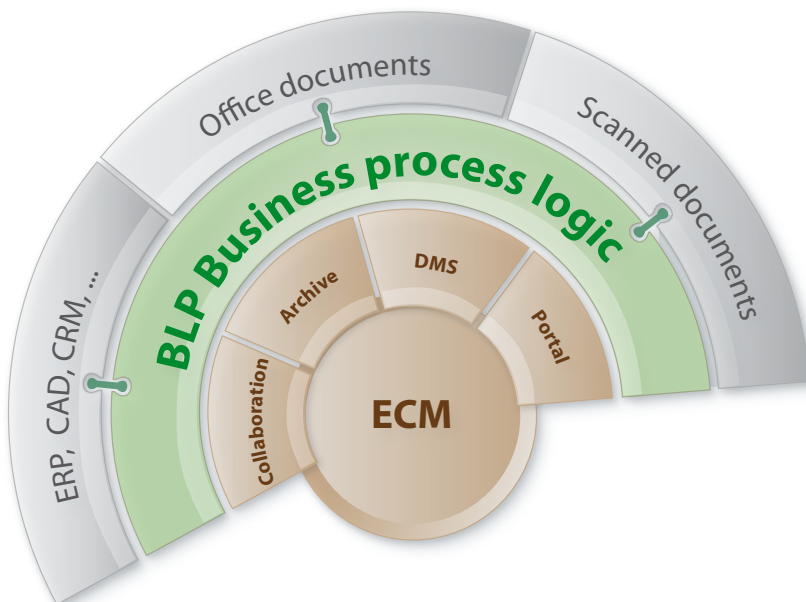
Significant benefits for small, medium and large enterprises

ELO BLP offers clear benefits for companies of any size. Small companies can obtain a quality ECM system virtually "out of the box". Precisely tailored package offers for small companies are a very cost-effective solution. ELO's flexible configuration options and easy of use ensures time and cost savings for medium, large and complex projects.

The unique concept of the **ELO BLP** ensures a flexible and transparent system as a whole. The high flexibility results in low operating and follow-up costs ensuring the company's requirements are suitably represented at all times. The multi-client capability of **ELO BLP** enables the representation of various requirements of individual clients in a project on the one hand and the coupling of various leading (ERP/CRM) systems on the other.

COMPLIANCE – legally compliant

The connection to the ELO ECM Suite via the **Business Logic Provider** offers MS Dynamics business solutions the benefits of a high-performance archive backend. This forms the basis for compliant archiving in accordance with computer-based accounting systems and the principles of data access and verification of digital documents. Above all, the consistent ability to prove correctly completed transactions is becoming increasingly important in verification cases and in legal disputes.



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ELO is available through:



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