

BARC Software-Evaluation**Enterprise Content Management**

Document Management and
Archiving systems

5th Edition

Neutral product comparison
Comprehensive laboratory testing
Objective decision-making tools

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BARC-Software-Evaluation

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A Business Application Research
Center Study

Offprint

Extract from BARC study



ELO Digital Office GmbH

ELO Digital Office GmbH has developed ELOenterprise, the module based solution for archiving, document and workflow management, which was assessed as part of the BARC software evaluation “Enterprise Content Management”.

Architecture

The system embraces the principle of a multi-layer architecture. Server components are exclusively programmed in Java, enabling high scalability. All authorizations are controlled by Access Manager. This includes all users and user groups, document rights, key management and monitoring of client applications. Document Manager controls archive management. ELOenterprise includes load distribution capabilities. A completely redundant second system can also be operated in parallel, to increase availability, using the ELO replication module, which takes over in the event of a primary system drop-out to compensate for the drop-out.

Distribution of Data to different Clients

ELOenterprise enables distribution of data processing tasks. The system can be set up as multi-client capable, so different business areas can be written to different media areas, for example. Integration capabilities with special applications are available for encryption and signature components.

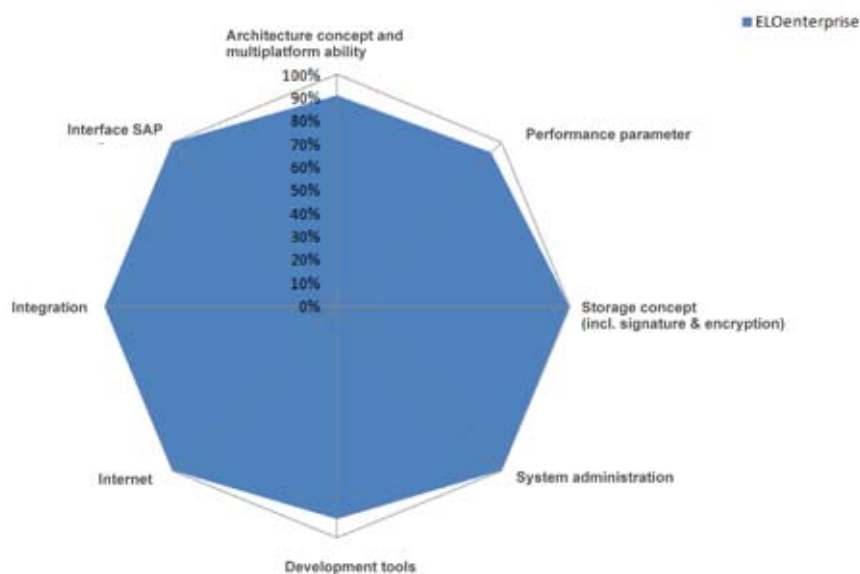


Fig.: ELOenterprise: Kiviati Graph of Architecture

ELOenterprise can be administered either via the Client interface or a web-based management console. Input screens, which are used for document archiving or search functions, are definable here along with workflows.

Integration into other business applications

ELOenterprise integrates into different ERP systems such as Microsoft Dynamics or SAP, for example. ELOenterprise has its own portal and can also be integrated into other portals. ELOenterprise integrates into the SAP portal and Microsoft Office SharePoint Server, among others. It also includes an interface for email archiving and/or management.

Special mention should be made here of ELO Business Logic Provider (BLP), which makes integration of external systems into the process structure a whole lot easier. ELO Business Logic Provider is an ELO developed component, with a service oriented architecture (SOA) base, which acts as a kind of middleware between the ELO system and the external components to be integrated. Templates where the integration parameters are configured via a graphic interface are also defined in BLP. The templates substantially reduce the customization required to integrate external systems and/or facilitate adaptation of changes in the process structure or system changes, as only one template ever needs to be adapted. The business process logic is stored in BLP and enables a separation of business processes and data and/or filing structures. There are predefined templates for particular applications (e.g.: SAP, Microsoft Dynamics, infor, etc.), which are already used in projects.

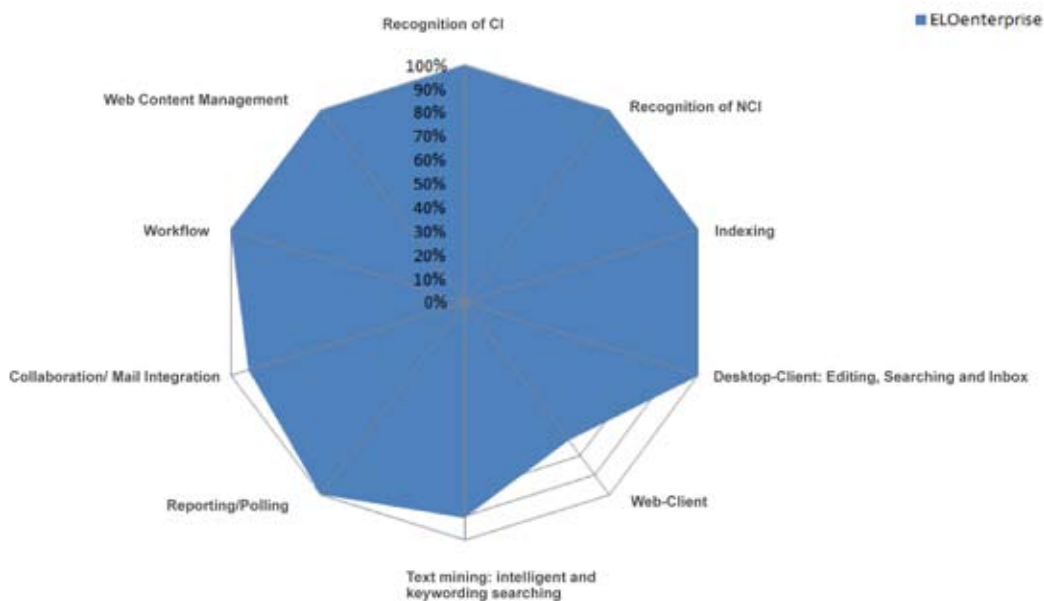


Fig.: ELOenterprise: Kiviati Graph of Functions

Information Capture

ELO offers several ways of capturing documents. When importing digital documents, integrations in external systems can be used as well as import routines. Deep integrations into SAP and Microsoft Office are available, among others. Different scanning applications support the import of paper documents.

Multi-Client Strategy

Documents can be worked on in several ways. ELO includes Desktop Client, Web Client and data system integration to this end. This provides the user with advanced editing functions (e.g. annotations, stamps, highlighting, etc.) as well as comprehensive search capabilities. ELO also offers Java Client as an option. The design of the Java Client interface is oriented to Microsoft Outlook's structure.

ELO provides interfaces to email systems. ELO XC integrates into Microsoft Exchange. Integration into IBM Lotus Domino / Notes is also possible. Email storage can also be mapped in conjunction with Novell GroupWise.

Web Content Management

ELO also offers a distinctive module for publishing and controlling web page content (Web Content Management).

The solution has wide-ranging modelling capabilities for central processes in terms of workflow as well as an efficient, user friendly ad hoc workflow.

ELO Enterprise Search Engine

"ELO Enterprise Search Engine", based on linguistic text analysis techniques and semantic links, can be used to search for documents and information. This can make all company information available in a targeted and qualitative manner. The user can target the desired content with precision through the combination of linguistic, semantic and mathematical-statistical techniques. Documents are found even when entries are incomplete or incorrect.

Mobile Information Access

ELO includes a Mobile Client variant - iPhone Client - for smartphone users. The user can then navigate through the archive structure or start a direct document search. All conventional document formats appear directly on the high-definition smartphone display. iPhone features such as automatic adjustment from portrait to landscape, document window minimisation and maximisation, are supported in normal iPhone functionality.

Current tasks and events from ELO Tasks are also displayed in iPhone Client. The user can also see, edit and release current resubmissions and workflows via iPhone Client, therefore.

ELOenterprise offers options for defining and creating reports. A certain number of standard reports are already included in the system. It is also possible to define separate reports.

All lists can be exported (e. g. into Excel) to continue processing them in a reporting tool.

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