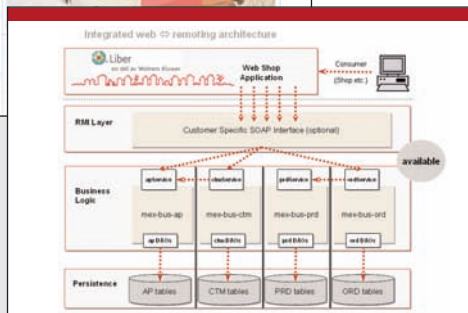


SHOWCASE LIBER AB



Liber AB – a Wolters Kluwer Education company – is Sweden’s leading educational publisher with a wide range of material on all subjects for all levels, from preschool to university. Liber also produces professional training material as well as maps and atlases.

www.liber.se



liber.se: real-time integration with the Klopotek Web Application Server

“The differences lie behind the scenes in the automatic connection between the web shop and Klopotek, changing the way customers register in the web shop. Quite a lot of the things that Customer Services used to do are now carried out by the customers themselves.”

Gunilla Byqvist, System Administrator, Liber AB

TASK

Liber has successfully been running the Klopotek publishing software since early 2005. Having replaced their initially semi-automated web shop with a fully automated solution in 2004/2005 with Klopotek software, Liber last year decided for the complete relaunch of their entire online presence. New liber.se was to be based on cutting-edge technology, while retaining basic principles such as data supply from one central data storage along with editorial web content and real-time integration with Klopotek’s order fulfillment. The online shop was expected not only to handle orders, but also sophisticated user registration for different customer groups like teachers, book trade, and corporate customers.

PROJECT

The new website went live in February 2007 combining a refined design with online product information and services, which are tuned to the needs of the educational community within and beyond Sweden. The commitment shown by the Liber, Digital Spirit, and Klopotek teams was a major factor contributing to the success of this relaunch project.

The Liber shop application allows customers to enter catalog navigation from a school’s, academic, or professional perspective. Multi-level classification criteria are used to guide the user easily to the required teaching methods and products. Direct title retrieval is enabled by using the quick search or a detailed search function. Products are clustered by teaching methods that may be expanded or collapsed as required and shown with their respective authors, titles, prices and basic bibliographic data. Texts and classifications, as well as links to cover images and other supporting material help customers identify the products they need.

All product and teaching method data is managed centrally, stored in the Klopotek PPM database, and continuously transferred to the web catalog in XML format. For ordering, the web shop uses Klopotek Web Services provided by the Klopotek Web Application Server and accesses the ordering functionality in real-time. The integrated Klopotek solution guarantees that all orders are uniformly processed for shipping, invoicing, and financial accounting, whether entered online by the customers themselves (self-service) or by Liber customer services.

BENEFITS

- time-saving
- 24/7 access for customers
- real-time access to the back-office information
- increased back-office efficiency
- increased functionality for core business
- support for new business requirements
- customer self-registration

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Web Application Server **WAS**

A consistent approach to application integration and the opportunities of online business.

Steps ahead

Competitive advantage in today's publishing marketplace can only be achieved if systems are integrated beyond the boundaries of the enterprise.

As a result of the increasingly interrelated processes in publishing, the business processes should interact across applications, with other systems that support components of the value chain.

The integration of Klopotek standardized software with online content portals, content creation and automation of the order fulfillment process, from order entry through to electronic billing, is becoming as indispensable to publishers as the transfer of invoices is for financial accounting today.

Fast and accurate access

Klopotek's Web Application Server WAS provides for fast and accurate access to all Klopotek functionality as related to products, addresses, customers, orders and even to advanced functionality, such as price, discount or tax calculation through the use of standardized web services. The web services library inside the WAS application server allows your external applications, such as web storefronts, customer self service, front ends or online content portals to easily create and up-date back office transactions in real-time and without data redundancy or asynchronous data transfer. This keeps your customer

database up-to-date and duplicate free, whatever application may need to access it.

A good example for the use of this tool lies in the integration of content websites, which can use it to gain access to the customer pool and subscription data without having to replicate data via traditional file interfaces. This significantly minimizes the integration workload and once fully automated, the complex accounting models based on content will be able to be handled by the back office.

Utilizing the Klopotek WAS allows your development teams to focus on front office or online portal custom application development with the ability to incorporate the WAS for access to valuable back office transactions.

The WAS deployed in conjunction with your ecommerce web sites or online content portal allows your developers to provide cost effective corporate solutions, while at the same time reducing and eventually eliminating the risk of unnecessarily redeveloping existing back office functionality. The possibilities for publishers are endless, including the ability to provide completely customized user interfaces which can run online.

An enterprise level infrastructure

Technically, the WAS is a high-performance Java enterprise integration platform upon which non-Klopotek systems can be integrated with Klopotek software in both directions. Klopotek software provides web services with which other systems can access Klopotek data and functions. Conversely, Klopotek software can integrate data and functions from external systems. Thus, the WAS is not only a server permitting outside applications to access the Klopotek web services, but it is an enterprise level infrastructure for developing and running internet based applications.

The WAS is based on JBOSS application server technology. Many independent studies have shown that the technical foundation provided by the fully integrated JBOSS Application Server (clustering, failover, load balancing and distributed deployment) is superior to other application servers.

Full Klopotek standard

Whether your developers only need access to Klopotek functionality from external systems or whether they need a robust, high performance development and run time environment for Java based internet applications, the Klopotek Web Application Server WAS is all you need.

The unique added value comes from the fact that, unlike other Enterprise Application Integration solutions, this is an integration technology that comes with the full Klopotek standard software functionality.