Laserfiche Software Development Kit (SDK) 9

Support Revenue-Generating Activities through Integration and Automation

- **Integrate Your Document Repository with Other Applications**
- **Automate Work Processes and Eliminate Redundancy**
- **Rapidly Develop Solutions to Complex Business Problems**
- **Increase Productivity while Reducing Overhead Costs**

In today's competitive global environment, it's critical to maximize the value of your IT investments. That's why we designed the Laserfiche® product line with interoperability so firmly in mind. By integrating your Laserfiche enterprise content management (ECM) system with your other line-of-business applications, you can streamline work processes, reduce IT complexity and automate resource-intensive tasks.

To promote rapid integration, we've built Laserfiche with a highly flexible application programming interface (API). This API uses a fully managed .NET interface to communicate with third-party systems, which means that Websites, scripts, Windows® applications or anything else that is compatible with .NET libraries can easily communicate with the Laserfiche Client and Server. Additionally, Component Object Model (COM) libraries are available for use by unmanaged C++, classic VB, VBScript, JScript and VBA.

The Laserfiche SDK contains commands and documentation that will help you use the Laserfiche API most effectively. In the Laserfiche SDK, you'll find instructions that help you integrate Laserfiche with third-party applications, customize system functionality and automate Laserfiche-related tasks such as indexing and retrieving documents, populating template fields and automatically generating e-mails. Additionally, you'll find a wealth of usable sample code, written in both C# and VB .NET, designed to help you tailor your Laserfiche system to your organization's specific business needs.

To promote fast distribution, the Laserfiche SDK also includes redistributable runtime installation, which ensures that every SDK library is redistributed, and merge modules you can use to create installation packages that contain both your custom code and the relevant SDK components.

SDK Highlights

> Uses a fully managed .NET interface to communicate with third-party systems.

> Offers COM and Java libraries for use by unmanaged C++, classic VB, VBScript, Java, JScript and VBA.

> Contains complete reference documentation for almost every namespace, class, method and property.

> Provides usable sample code written in both C# and VB.NET.

> Includes two classes:

  - VolumeMaker generates attachable volumes from externally provided data.

  - ImportEngine eases batch importing by processing XML files that describe the structure of documents to be imported into Laserfiche.

> Contains instructions for integrating Laserfiche with third-party applications, customizing system functionality and automating Laserfiche-related tasks.

> Includes runtime installation to ensure that every SDK library is redistributed, as well as merge modules to create custom installation packages containing both your own code and the relevant SDK components.

> Ships with an ADO.NET provider that allows the repository to be queried as a structured data source.

> Offers Client Automation Tools that enable third-party applications to interact with the Laserfiche Client.

Automate Processes and Create Custom Applications

Laserfiche RepositoryAccess (RA) is the component of the API that enables third-party applications to communicate with the Laserfiche Server. You can use RA to automate a variety of functions, from creating folders to running security reports to populating template fields. In addition, RA ships with an ADO.NET provider that allows the repository to be queried as a structured data source.

The API's DocumentServices (DS) library complements RA by providing third-party applications with access to functionality associated with the Laserfiche Client. You can use DS objects to perform a variety of import and export actions, process documents using OCR and extract text from electronic documents.

Each type of data in the Laserfiche repository can also be accessed via COM libraries. Laserfiche Server Objects (LFSO) can be used to automate a variety of server and repository functions, similar to RepositoryAccess. The DocumentProcessor library complements LFSO by providing access to functionality associated with the Laserfiche Client.

Add Value to Current Systems with Client Automation Tools

Client Automation Tools is a new element of Laserfiche SDK 9 that allows integrators to control and interact with the Laserfiche Client. With Client Automation Tools, you can write an application that can launch the Client, determine which document a user has selected or opened, open specific documents or folders, launch a search in the Client, add toolbar buttons and more.

Client Automation Tools is a .NET replacement for the previous Client-interaction mechanism, ImageEnable. It includes support for handling multiple Client instances, working with Snapshot, managing toolbars and launching business processes, as well as other enhancements.

Collaborate with Other IT Professionals

On the Laserfiche Support Site, you'll have 24/7 access to three key resources that will help you maximize the value of your SDK investment: the Laserfiche Forum, the Laserfiche Code Library™ and the Laserfiche Marketplace.

› The **Laserfiche Forum** enables you to engage in discussions with other application developers and with Laserfiche staff. You can ask questions, share best practices and learn about new ways of using the Laserfiche API.

› The **Laserfiche Code Library** contains a variety of integrations and custom applications—the majority of which were created by Laserfiche Development staff—that you can download and implement at your own organization. You can also post comments and ask questions about items in the library, as well as contribute code of your own.

› The **Laserfiche Marketplace** provides customized modules, including integrations, configurations, plug-ins and Web tools, provided by our Professional Developer Partners. With these pre-built modules, you'll cut development time, speed deployment and minimize costs.

In addition, the **Laserfiche Solution Exchange** (found on the main Website) provides more than a hundred user-contributed best-practice and instructional posts on how to plan, implement and optimize Laserfiche, as well as how to use it to solve common business problems. Posts include screenshots, code and step-by-step instructions.

By promoting active collaboration among the members of the Laserfiche community, we aim to help you optimize your organization's information management infrastructure—without creating an additional burden for your IT department.

About Laserfiche

Since 1987, Laserfiche has used its Run Smarter® philosophy to create simple and elegant enterprise content management (ECM) solutions. More than 32,000 organizations worldwide—including federal, state and local government agencies and Fortune 1000 companies—use Laserfiche® software to streamline document, records and business process management.

Your Next Step

Please visit **laserfiche.com/sdk** or
e-mail **info@laserfiche.com** for more information.