

Software Development Kit (SDK)

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 Cost

In today's competitive global environment, it's critical that you maximize the value of your IT investments. That's why we designed the Laserfiche® platform with interoperability so firmly in mind. By integrating your Laserfiche enterprise content management 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 Server. Additionally, Component Object Model (COM) and Java libraries are available.

The Laserfiche SDK contains commands and documentation that will help you use the Laserfiche API most effectively. In the 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 or e-forms. Additionally, you'll find a wealth of runnable 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 SDK includes pre-built merge modules. You can use these modules to create custom installation packages that contain both your own code and the relevant SDK components. However, you also have the option of simply installing the runtime, without installing the merge modules.

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 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.

Furthermore, DS contains two new classes:

- **ImportEngine** is intended for batch importing and processes XML files that describe the structure of documents to be imported into Laserfiche.
- **VolumeMaker** enables you to create attachable Laserfiche volumes from externally provided data.

Each type of data in the Laserfiche repository is also accessible 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

The SDK's Image-Enable component allows third-party applications to manipulate the Laserfiche Client. With this component, you can bring enterprise content management functionality into your other line-of-business applications.

Many organizations, for example, rely on a geographic information system (GIS) to store and manage spatial data. Using the SDK and the GIS application's API, you can image-enable your GIS software so that users can access Laserfiche documents simply by clicking a location on a map. Providing users with instant access to information from within their primary application helps them work more productively and minimizes the need for additional training.

Collaborate with Other IT Professionals

On the Laserfiche Support Site, you'll have 24/7 access to three key resources that 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 Partnership (PDP) program members. With these pre-built modules, you'll cut development time, speed deployment and minimize costs.

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.

The Next Step: Please call (800) 985-8533 or e-mail info@laserfiche.com for more information.

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