

# Rights Management Software Development Kit

## THE SITUATION

Product designs are a company's most prized assets, yet they often have to be shared internally with colleagues or externally with partners and suppliers. Unfortunately, intellectual property theft is on the rise and can impact the company's business, compliance readiness, and competitiveness.

Many large organizations have digital rights management requirements that cannot sufficiently be met with "off the shelf" solutions. Consequently, they often build their own custom ("homegrown") applications to achieve their desired objectives. However, the administration of these custom applications can be quite cost-prohibitive, which limits the organization's ability to respond rapidly in a dynamic business environment.



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## THE SOLUTION

NextLabs' Rights Management software development kit (RMSDK) enables the integration of your custom applications into NextLabs' digital rights management platform. Through the RMSDK, organizations can implement and enforce rights management policies for their custom applications, just as they can for their "off the shelf" applications.

The following are the key capabilities:

- Automated rights protection encrypts and tags valuable files managed in your custom application
- Access and usage controls over files, such as limiting access, printing, or copying and enforcing time-based rights
- Secure viewing from any device with an in-app viewer
- Centralized login sessions across all rights-management-enabled client-side applications on the same computer
- Monitoring and reporting on data use to get full visibility on sharing of intellectual property

## THE BENEFITS

The RMSDK enables you to reap the following benefits:

- Automatically secure product data in files downloaded from your custom application
- Control the access and usage of product data shared with employees, partners, and suppliers
- Eliminate manual security procedures that impede product collaboration
- Maintain consistency in rights management enabled applications across multiple client platforms (desktop, mobile, and web)

## SOLUTION COMPONENTS

You can integrate rights protection into any application through the use of a Server SDK and a Client SDK. These SDKs allow developers to integrate their applications with the NextLabs Rights Management platform.

### SERVER SDK

The Server SDK enables the integration of applications with the NextLabs Rights Management platform through Java APIs. It is an alternative to using the server REST APIs and enables easier integration with Java applications since the SDK manages all communication with the Rights Management server internally. The SDK is intended for use in server-side applications that work with NXL-protected files.

#### ■ File and stream operations

- Check the validity of an NXL file
- Encrypt or decrypt a file given a path or a File object
- Partially decrypt an InputStream object
- Encrypt a stream from an InputStream object

#### ■ Tenant-level operations

- Get the list of available classification tags for a tenant

#### ■ Project operations

- List projects
- Get project metadata
- Create a new project
- List project classification tags

### CLIENT SDK

The Client SDK enables developers to integrate third-party client-side applications with the NextLabs Rights Management platform. It includes an interface and a set of APIs to access the functionality and documents managed by the Rights Management server.

The Client SDK is designed for application developers to develop user-mode applications or add-on modules to enable rights management functionality in third-party applications (e.g., protecting and sharing files, managing local NXL files and other features of the Rights Management platform).

## ABOUT NEXTLABS

NextLabs®, Inc. provides data-centric security software to protect business-critical data and applications. Our patented dynamic authorization technology and industry-leading attribute-based policy platform help enterprises identify and protect data, monitor and control access to sensitive data, and help prevent regulatory violations—whether in the cloud or on-premises.

The software automates enforcement of security controls and compliance policies to enable secure information sharing across the extended enterprise. NextLabs has some of the largest global enterprises as customers and has strategic relationships with industry leaders.

For more information on NextLabs, please visit <http://www.nextlabs.com>.

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