

# Application Enforcer for Microsoft Exchange

Enforce ABAC & Externalize Authorization



## OVERVIEW

Email is an absolutely critical communication tool in our everyday lives. Microsoft Exchange is one such tool that facilitates the movement of information both inside and outside a company. However, email systems like Exchange open up a company to potential security risks. In addition to internal emails, it could very well be you want your employees to send data to only authorized and trusted outsiders such as OEM partners, suppliers, or systems integrators. This leaves companies in need of a solution that enables granular control over the distribution of data both inside and outside the company.

## THE SOLUTION

NextLabs' Application Enforcer for Exchange enables organizations to enforce policies on the Exchange Server and, in turn, across different email applications such as Outlook, mobile devices, and Outlook Web App (OWA). Application Enforcer for Exchange controls whether users can send emails or meeting requests with attached documents, based on the individual address of the sender or recipient. For instance, policies could be set up to allow users to send documents to design and manufacturing contractors but no one else.

Key capabilities include:

- Granular control over the distribution of data inside or outside the company.
- Granular policy enforcement on text and attachments included in meeting requests.
- Option to customize policies (e.g., encrypting attached documents or appending a warning to the subject line of an email).

## THE RESULTS

Application Enforcer for Exchange enables you to reap the following benefits:

- Externalize authorization management to simplify and reduce the time spent on administering access control policies.
- React more rapidly to changes in business requirements, market conditions, or regulatory environment since policy changes can be made without requiring code changes or application downtime.
- Lower your total cost of ownership as you can leverage your existing investment in the NextLabs platform.
- Reduce the cost of compliance through more efficient and cost-effective monitoring and audit of your data.

## KEY FEATURES

Feature	Detail
Supported email routing	<p>Application Enforcer for Exchange supports the following incoming/outgoing email routing:</p> <ul style="list-style-type: none"><li>• An Exchange internal user sends an email to another Exchange internal user</li><li>• An outside-domain user sends an email to an Exchange-organization user</li><li>• An Exchange-organization user sends an email to an outside-domain user</li></ul>
Supported obligations	<ul style="list-style-type: none"><li>• Exchange Normal File Tagging: Classifies the attachments before it is sent</li><li>• Exchange Email Notification: Sends email notifications to the users</li><li>• Append Message: Appends text at the beginning/end of the email subject/body</li><li>• Exchange NDR: Sends email notification to the sender about the error code and the reason for blocking the email</li><li>• Email Attachment Rights Management: When integrated with SkyDRM Rights Management Server, it protects email attachments</li><li>• Email Classification: Classifies emails by adding tags to the X-header</li></ul>
Supported policy conditions	<ul style="list-style-type: none"><li>• Enforcement based on keywords in the email body, subject, or attachment</li><li>• Enforcement based on the sender/recipient attributes (e.g., department, full name)</li><li>• Enforcement based on the attributes of the email attachment (e.g., file size, file name, other custom properties)</li><li>• Enforcement based on the email classification by third-party plug-ins</li><li>• Enforcement based on user attributes</li><li>• Enforcement based on the recipient group or group attributes</li><li>• Enforcement based on the properties of the X-header in the email</li><li>• Enforcement based on the properties of the NXL attachment</li><li>• Enforcement based on the type of email client</li></ul>

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## ABOUT NEXTLABS

NextLabs®, Inc. provides zero trust data-centric security software to protect business critical data and applications. Our patented dynamic authorization technology and industry leading attribute-based zero trust policy platform helps enterprises identify and protect sensitive data, monitor and control access to the data, and 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 such as SAP, Siemens, Microsoft, AWS, Accenture, Deloitte, Infosys, and IBM. For more information on NextLabs, please visit <http://www.nextlabs.com>.