

# EXECUTIVE OVERVIEW

ZERO TRUST DATA CENTRIC SECURITY

**NEXTLABS®**



# WHAT WE DO

## Safeguard digital economy - Protect data anywhere and everywhere

In the age of digital transformation, the playing field for businesses is continuously evolving. To stay competitive, digitization, collaboration, and innovation must be embraced. This necessitates that intelligent enterprises deploy next-generation technology to secure its digital core.

At NextLabs, we empower intelligent enterprises by providing industry-leading security solutions to protect business-critical data and applications. While traditional methods focus primarily on securing the network perimeter, often critical data and applications are left exposed, vulnerable to both external breaches and internal misuse.

By employing a zero-trust, data-centric security strategy, we go beyond mere perimeter defense. We provide robust protection directly around your most vital data, ensuring its safety no matter where it resides or is shared. In doing so, we enable organizations to harness the power of advanced technology, drive decisions through data-centric analytics, and foster secure collaboration.



# Our Approach

NextLabs' approach to data security is built on a comprehensive six-point framework. First and foremost, we emphasize the importance of knowing your data and identity, in order to lay the foundation for data security policies, controls, and a governance models with audits. We advocate for protecting data throughout its lifecycle, when it is at the source, in transit or at rest, and in use.

Also essential to our strategy is the use of smart auditing and risk analytics, as data-centric security requires clear visibility of access activities and authorization decisions. Last but not least, our approach treats automation and orchestration as critical security components. By seamlessly integrating security solutions and automating threat response, we not only minimize human errors but also ensure a more proactive defense against potential breaches.

## Zero Trust Policy Platform with Real-Time Enforcement

At the core of NextLabs' approach is our unified policy platform and dynamic authorization policy engine— areas in which we advance new innovations in data-centric security. We proudly hold over 80 patents along with 30 pending patents in both the United States and Europe that are designed to automate least privilege access and safeguard information sharing.

On the policy platform, business and security needs are digitized and stored as centrally managed, attribute-based policies. During access attempts, the policy engine employs the Attribute-Based Access Control (ABAC) method in real-time, evaluating and authorizing access based on user, device, resource and contextual attributes.

Through a centralized policy-driven approach, organizations can easily apply security rules to applications and documents, defining who can access what data and what actions are permissible. This streamlines the access control process, minimizes the number of individual policies needed, and eliminates the problem of role explosion.

Centralized policy management goes hand in hand with the automated enforcement of security policies, allowing organizations to safeguard data across diverse systems beyond network boundaries. Moving beyond manual and often fallible security controls, organizations will be able to proactively prevent breaches before they happen. The policy platform includes a central activity log, making it easy to monitor, track, and report any risky access activities. This not only streamlines compliance reporting but also aids in refining security measures.



# OUR PRODUCTS

NextLabs **Zero Trust Data Security Suite** is a comprehensive suite of access enforcement and data protection applications powered by a zero trust policy platform. The Suite consists of the following products, enabling organizations to protect critical data at the source, in use, on the move and at rest.

## Unified Policy Platform - CloudAz

CloudAz is a centralized policy management platform with real-time enforcement that centralizes administration and employs a zero trust principle to enforce data-centric security measures and compliance in real-time, by automating least privilege access and securing applications and data. It integrates with existing identity management solutions and provides comprehensive logging, auditing, and reporting capabilities to streamline compliance requirements.

## Enterprise Digital Rights Mgmt. - SkyDRM

SkyDRM provides persistent protection of unstructured data at rest and in transit, regardless of where it exists. It can safeguard and monitor business-critical documents such as intellectual property and product design across devices, data centers, apps, cloud services, and on-premises. The enforcer is file type agnostic and provides support for federated identity to enable cross-enterprise collaboration.

## Externalized Authorization Mgmt. - Application Enforcer

Application Enforcer simplifies access management and uses ABAC to enforce the principle of least privilege, ensuring apps and data are accessed only by authorized entities. It works natively with leading enterprise apps, externalizing authorization and providing an extra layer of controls for organizations with extensive security and compliance requirements, all without the need for custom coding.

## Global Data Access - Data Access Enforcer

Data Access Enforcer provides dynamic data-level security controls and fine-grained data access governance while being UI, API, service and application independent, supporting any Commercial-off-the-shelf (COTS) application with a single set of policies. It enables record-level data segregation and filtering, field-level data masking such as format-preserving encryption and real-time granular controls over DML actions.

NextLabs offers an extensive set of out-of-the-box enforcers for the leading enterprise applications including ERP, PLM, CRM, ECM, DBMS, CAD, Big Data, BI, and many more. It also provides a comprehensive and flexible integration framework for rapid and low code integration with a wide range of applications, identity providers and attribute sources. In addition to the commercial off-the-shelf (COTS) applications and cloud services, companies can seamlessly integrate their custom and third-party applications into NextLabs' policy platform and policy engine through SDKs and REST APIs. Our application integration framework allows companies to optimize and maintain their existing business workflows, while reducing expenses associated with traditional costly customization solutions.



# Our Solutions

## Common Business Problems

- Cybersecurity – Reduce cybersecurity risk through policy enforcement and central audit log
- Digital Transformation – Centralize authorization for legacy and new applications
- M&A – Keep sensitive information secure while consolidating ERPs
- Secure Collaboration - Protect data in PLM and SCM applications when it is shared across supply chains
- Regulatory Compliance - Discover compliance risks, prevent violations, automate procedures, and audit data usage
- Application Consolidation – Safeguard data while consolidating applications in a single global instance
- Safeguard IP and Trade Secret - Prevent cyber breaches to control the loss of trade secrets

## Industries

Aerospace and Defense



Chemicals



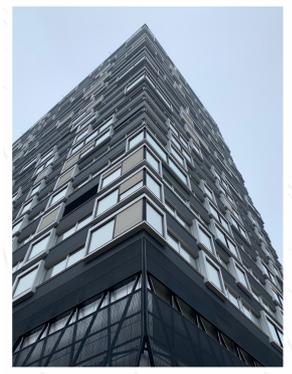
Financial Services



High Tech



Government



Automotive & Heavy Machinery



Consumer Packaged Goods



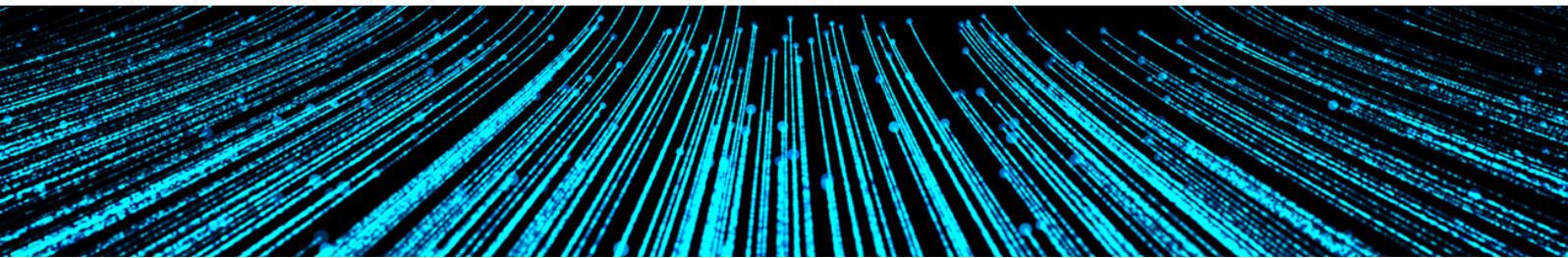
Life Sciences, Pharma



Natural Resources



# Technology



- ACPL 4GL Policy Language
- Distributed Policy Engine
- Zero Trust Policy Platform – Centralized Policy Management
- Dynamic Authorization
- Enterprise Digital Rights Management

NextLabs empowers organizations to pursue their business goals while ensuring the utmost protection of their critical information. Enterprises can confidently scale worldwide, streamline systems, and foster collaboration, all while minimizing the threat of data breaches. The result? Amplified business agility, reduced costs, and elevated efficiency.

Benefits include:

## Increased Security

- Safeguard against unauthorized access to applications and data and prevent fraudulent transactions
- Gain central visibility and control over access and usage activity, detect risks and anomalies

## Increased Business Agility

- Seamless integration with existing applications, change policies without altering applications
- Enhances collaboration flexibility, ensuring smooth coordination across the extended enterprise.

## Increased Automation

- Simplify policy creation and implementation, bypass manual approvals
- Change policy decisions in real-time with automated workflow

## Increased Compliance

- Automated policy enforcement and reporting ensures regulatory compliance
- Centralized reporting and audit highlights deficiencies quickly

# Our X Factor

## **Pioneer of the Dynamic Authorization technology and Zero Trust Architecture (ZTA) -**

NextLabs pioneered the Dynamic Authorization technology and Zero Trust Architecture with 85+ patents and has been an official member of the NIST National Cybersecurity Excellence Partnership program since its inception.

**Highest performant and most scalable Policy Engine** - NextLabs offers the most mature & battle-tested policy engine in the industry, processing greater than 10 billion authorization requests per year.

**Most advanced Data-Centric Security** - NextLabs offers the most comprehensive data-centric security and policy enforcement solution to protect structured and unstructured data throughout its entire lifecycle: at rest, in transit, and in use; to ensure end to end secure data pipeline regardless of where data resides – whether it is in application, file, file repository, or database on-premises, or in the cloud.

**Deep Industry and Subject Matter Expertise** – NextLabs has amassed over a decade of hands-on experience helping more than 200 global 2000 companies and federal agencies implementing Zero Trust Architectures and Data-Centric Security solution to address information risk, regulatory compliance, data governance, access management, and secure collaboration challenges.

**Built-on next generation technology with the most comprehensive integration** – NextLabs' cloud native and container-based unified policy platform with OOTB enforcers and zero-code integration enable rapid multi and hybrid cloud deployment with the best time-to-value track record.

**Largest customer base of Zero Trust Data Centric Security** - NextLabs has the highest number of active, business-critical deployments of Zero Trust Data Centric Security solution across public and commercial sectors. With a 98% customer satisfaction rating and 15+ years in business, we are one of the most trusted data security companies on the market.



# Our Partners

## Strategic Alliances



NextLabs has strong partnerships with SAP, Microsoft, and Siemens on development, sales, and marketing, offering the only attribute-based policy solution integrated with their major applications.



NextLabs integrates with SharePoint, Office Suite and Office 365 to enhance data security and prevent inadvertent misuse of sensitive information. We provide a single set of universal controls to uphold top-down compliance and ensure secure communication in Microsoft applications.



NextLabs partners with SAP to provide data-centric security solutions. Application Enforcer is integrated with SAP ERP, SCM, PLM, DMS and Business Warehouse to prevent unauthorized access and usage of critical information. SkyDRM for SAP enables automated rights management for SAP documents. Data Access Enforcer for SAP provides dynamic data-level security controls and fine-grained data access governance for SAP applications.



NextLabs collaborates with Siemens to provide an end-to-end solution to protect sensitive PLM data throughout the Teamcenter ecosystem. Our Digital Rights Management (DRM) solution provides out-of-the-box integration with Teamcenter, CAD tools, and JT2Go to enhance secure information sharing within and outside of Teamcenter.



## Implementation Partners

NextLabs also partners with leading Systems Integrators such as Accenture, Deloitte, IBM, Infosys, and KPMG, to bring to market data-centric security solutions using industry best practices to meet customers' security, risk, and compliance requirements.



A leader in the global professional services sector, Accenture providing a broad range of services in the strategy and consulting, interactive, technology and operations sectors, helping enterprises address complex information risk challenges rapidly.



One of the world's leading systems integrators, Deloitte offers a complete range of services, including systems development, solution and platform integration and program management, and functional and testing services.



IBM combines deep industry expertise, practical tools, powerful research capabilities, and innovative thinking to help companies protect their critical business assets and ensure compliance across the enterprise.



As a global technology services and consulting leader, Infosys delivers information risk management, data governance solutions and expertise to enterprises operating in complex, regulated environments.



KPMG is a global systems integrator with services that help address issues, trends, and priorities such as digital transformation, blockchain and the mobile economy, cognitive and digital labor, cyber security, data and analytics, and regulatory change.



"Companies look for easy-to-use solutions that can be rapidly deployed to dynamically protect SAP data," stated Mauro Honda, Partner at Deloitte Cyber. "NextLabs' Zero Trust Data-Centric Security Suite and its out-of-the-box integrations with SAP and all major databases, allows enterprises to implement an effective cybersecurity framework, while automating access management and data security controls swiftly."

# Our Customers

NextLabs customers include some of the largest government agencies and companies in the Fortune 1000 with the most stringent and complex data security requirements.

 <b>8 of 12</b> top Aerospace & Defense Companies	 <b>4 of 20</b> top Chemical Companies	 <b>3 of 5</b> top Life Sciences Companies	 <b>2 of 5</b> top Insurance Companies	 <b>20+</b> Government Agencies of <b>10</b> Nations run on NextLabs
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**DON'T LEAVE YOUR DATA AND APPLICATIONS EXPOSED**

Data, whether in the application or on the move, is protected throughout the information lifecycle - from initial creation to archiving - in an automated and seamless manner. To find out how you can prevent data breaches and fraud in your organization with NextLabs, please contact [info@nextlabs.com](mailto:info@nextlabs.com)

## Follow Us

