NEXTLABS® | Zero Trust Data-Centric Security

Application Enforcer

Simplify Access & Protect Data Across Apps & Services

Safeguarding Data Accross An Evolving Application Landscape

1 **Securing Critical Data Across Apps**
Businesses run on critical data across numerous applications. **Ensuring reliable data security in these apps** is essential for smooth operations and growth.

2 **Expanding Attack Surface**
Driven by the growing business need to share data and automate workflow, the **rise in the variety and number of apps and data** has **increased the risk of breaches**.

3 **Embracing a Preventive Approach**
With the increasing amount of apps and data, the traditional method of manual detection and response to attacks prove to be ineffective and costly. This calls for a shift to an **automated, preventive approach.**
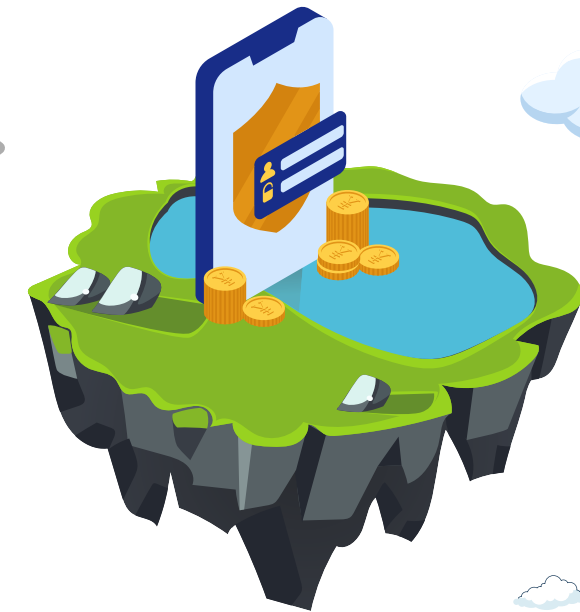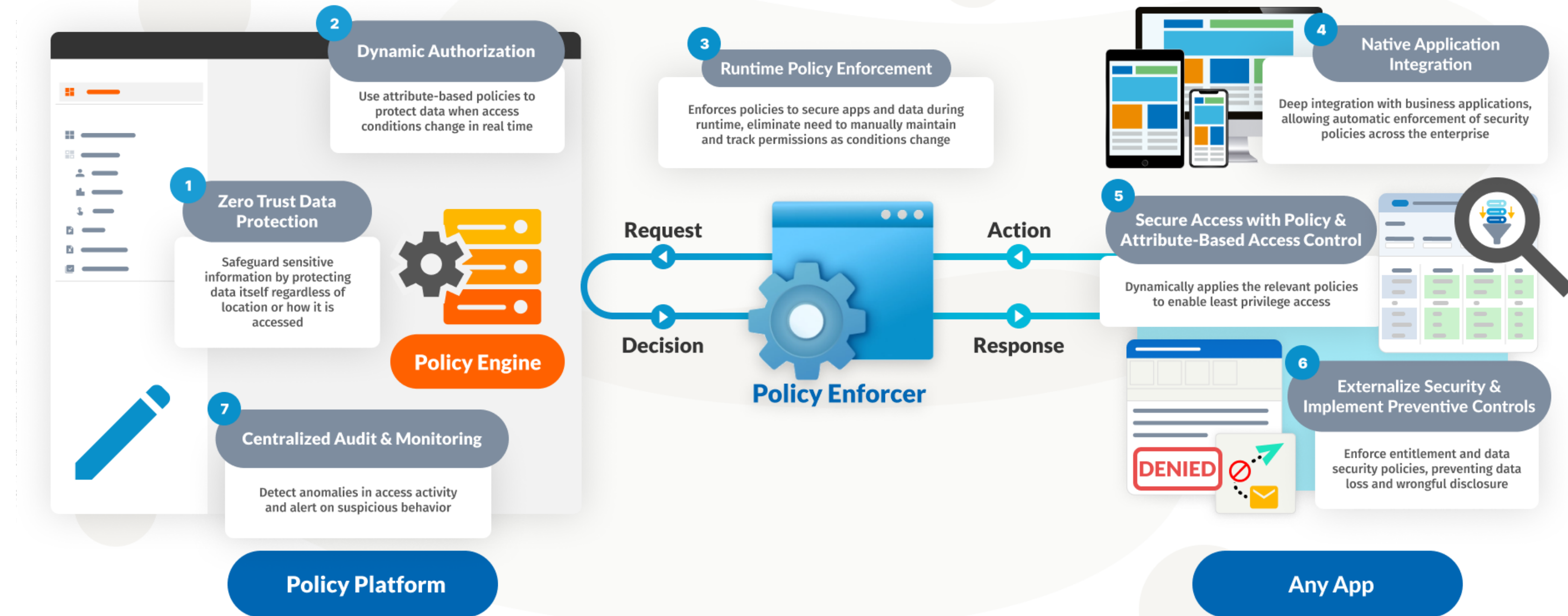
How can companies automate data security and implement preventive controls across an evolving app landscape and rising volumes of data?

Companies need to externalize security controls and enforce zero trust access policies.

In order to externalize security controls and access control, the solution should incorporate an out-of-the-box policy enforcer that seamlessly integrates with enterprise and cloud applications. The enforcer operates with a robust policy engine to enforce zero trust policies for the application, based on real-time attributes and metadata.

2 Dynamic Authorization

Use attribute-based policies to protect data when access conditions change in real time

3 Runtime Policy Enforcement

Enforces policies to secure apps and data during runtime, eliminate need to manually maintain and track permissions as conditions change

4 Native Application Integration

Deep integration with business applications, allowing automatic enforcement of security policies across the enterprise

1 Zero Trust Data Protection

Safeguard sensitive information by protecting data itself regardless of location or how it is accessed

Policy Engine

Request
Decision

Policy Enforcer

Action
Response

5 Secure Access with Policy & Attribute-Based Access Control

Dynamically applies the relevant policies to enable least privilege access

7 Centralized Audit & Monitoring

Detect anomalies in access activity and alert on suspicious behavior

6 Externalize Security & Implement Preventive Controls

Enforce entitlement and data security policies, preventing data loss and wrongful disclosure

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Policy Platform

Any App

Integration
Seamless integration with applications, identity providers and attribute sources

Automation
Automates data security and compliance procedures to enhance competitiveness and business agility

Enforcement
Detects, alerts and applies preventive controls to enforce policy universally on any data store
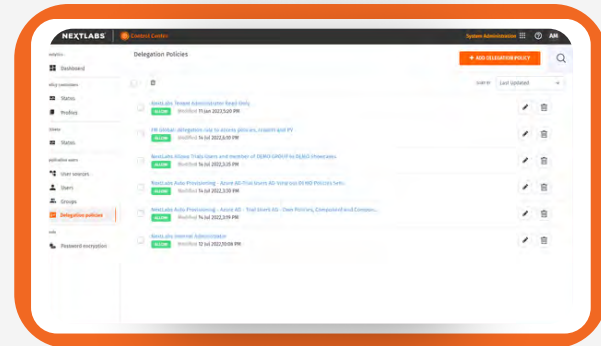
Deployment
Runs in cloud natively, deploys using containers in a hybrid and multi-cloud environments
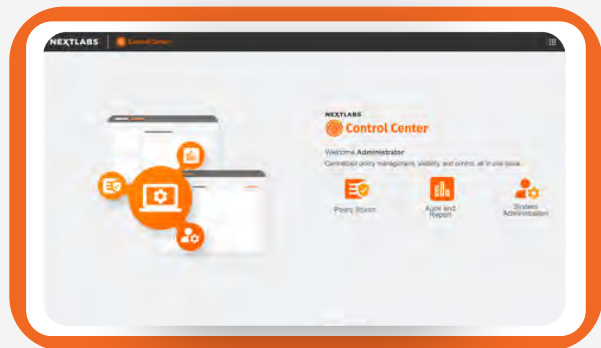
Centrally Managed Policies

Define single policies that can be consistently applied across the entire enterprise.

Dynamic Policy Evaluation

Apply Zero Trust principles to determine who can access what data, and **when** and **where** they can do so in real time

Centralized Monitoring & Auditing

Monitor, track, report, and alert on risky access activity to critical field(s) with the **central activity log**.
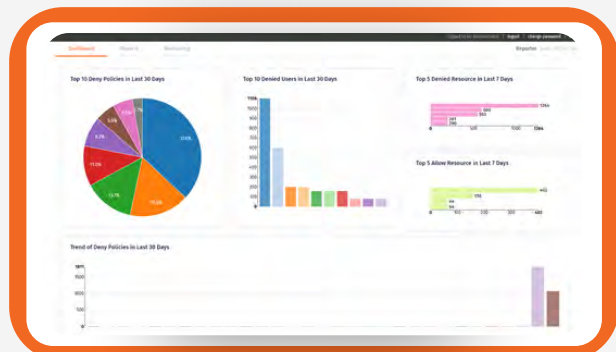
NextLabs' Application Enforcer is a collection of enforcers that work natively with leading enterprise applications through built-in awareness of the application data model and business process workflow. Application Enforcer **augments an application's underlying security model**, providing an extra layer of controls for organizations with extensive security and compliance requirements, **without the need for custom coding**.
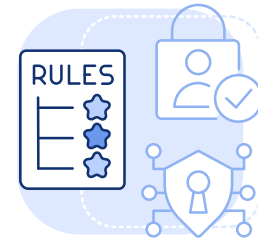
Externalized Authorization

Modify authorization policies without having to make any code changes to the application itself

Enforce Least Privilege Access

Uses ABAC to enforce the principle of least privilege, ensuring apps and data are accessed only by authorized entities
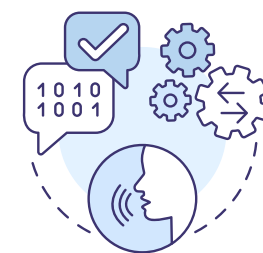
Leverage Data Classification

Automatically identifies sensitive data types based on the app's underlying data model, organizes data into relevant categories

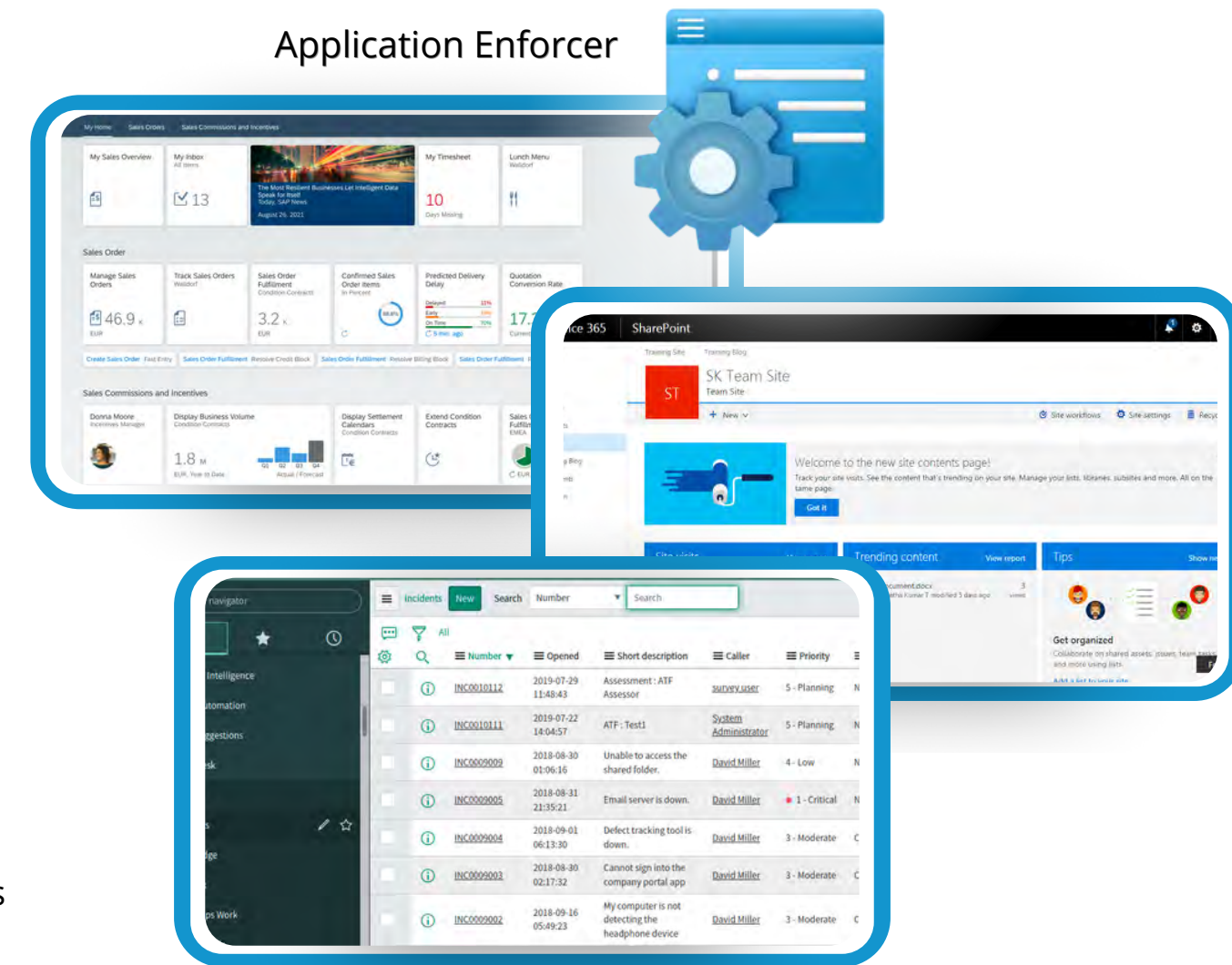### Collects Access Activity Across Apps

Discerns and collects relevant data to facilitate centralized correlation and detection of anomalous activity.

Native Application Integration

Possesses understanding of identity system, object and security model of application, for easy deployment and a seamless user experience

Application Enforcer

Application Enforcer product line provides support for the following ecosystems:

SAP

Microsoft

ORACLE

SIEMENS

Database & Big Data

PLM & CAD

Cloud Apps

SDK

Bespoke Software
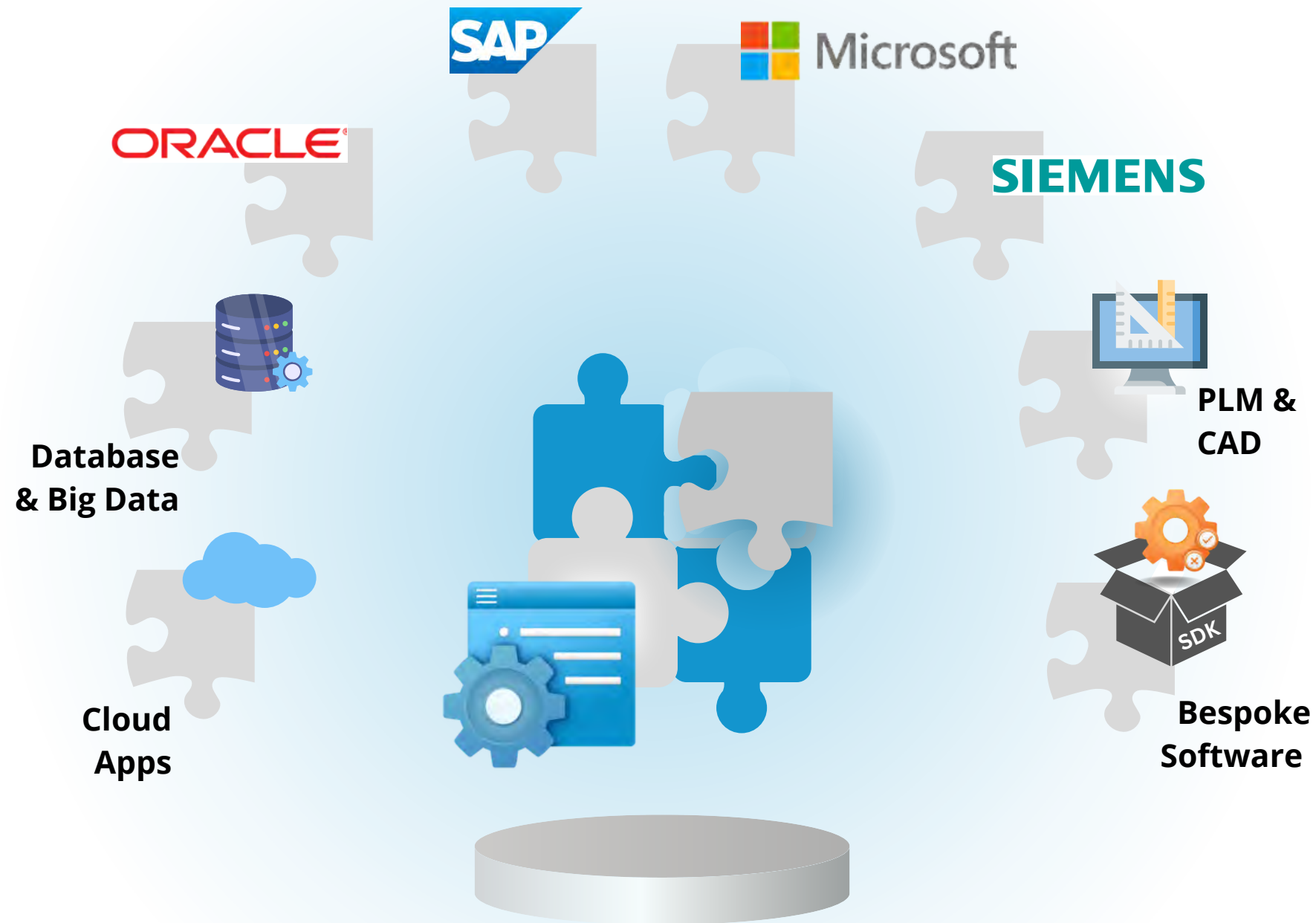
Application Enforcer Benefits:

Protect sensitive data
Control access to sensitive data based on attributes such as data classification, environmental information, user roles, metadata and location.

Improve business agility
Works natively with application and externalizes authorization, slashing application development time and automating change management processes.

Improve Time-to-Market and Reduce Costs
Eliminates the need to implement and maintain costly customizations to meet security, compliance, and governance requirements.

Streamline Compliance
Automates the process of auditing authorization and data access to demonstrate compliance to auditors, regulators, and customers.

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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.