NEXTLABS®

Zero-Trust Data Centric Security

Overview and Demo

DISA TEM Meeting 10-17-2023

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Zero Trust Data-Centric Security

Agenda:

- Overview of NextLabs Company and Products
- TEM Tech Interest Area: Zero Trust Access Management
- NextLabs Zero-Trust Policy Enforcement Capabilities
- NextLabs Demo
- Q&A



About NextLabs

Company Overview

NextLabs is a leading provider of zero trust access management and data protection software & services to protect data anywhere and everywhere!

Our data centric security platform automates, protects, safeguards information sharing, and access rights to applications and sensitive data with ability to track, trace, and detect risky behavior and anomalies.

- Employees: ~200
- Locations: US (HQ), London, Paris, Milan, Singapore
- Patent: 80+ awarded, 30+ pending

Solutions

Zero Trust Policy Platform with Real Time Enforcement to Secure Application and Data everywhere and anywhere — whether on premise or in the cloud. Our Zero Trust Data-Centric Security Suite consists of:

- CloudAz: Unified Zero Trust Policy Platform
- Application Enforcers: Externalized Authorization Management
- Data Access Enforcer (DAE): Protection at Data Access Layer
- SkyDRM: Enterprise Digital Rights Management





Industry Partners



NextLabs holds 85+ approved technology patents (with 30+ pending) in the following areas

- Zero Trust Architecture
- Real-Time Policy Engine
- Data-Centric Enforcement
- Dynamic Authorization
- Attribute-Based Access Control
- Attribute-Based Policy Language
- Policy Orchestration & Optimization
- Access Analytics
- Next Generation Digital Rights Management



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.

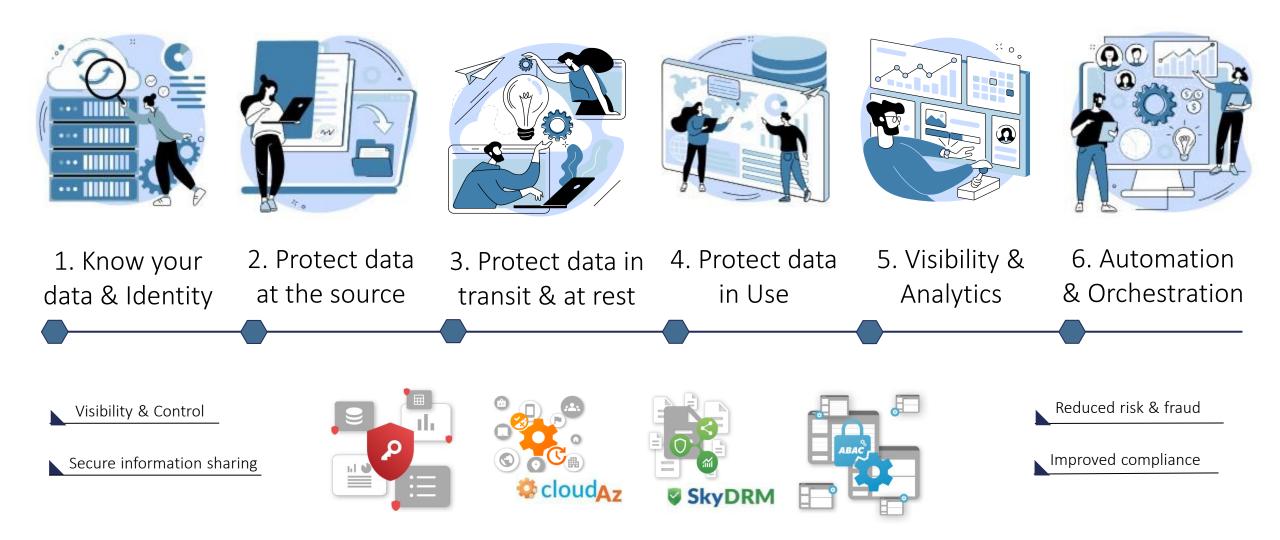
Deep Industry and Subject Matter Expertise – NextLabs has amassed over a decade of hands-on experience helping more than 200 global 2000 companies and federal agencies implementing Zero Trust Architectures and Data-Centric Security solution to address information risk, regulatory compliance, data governance,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

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

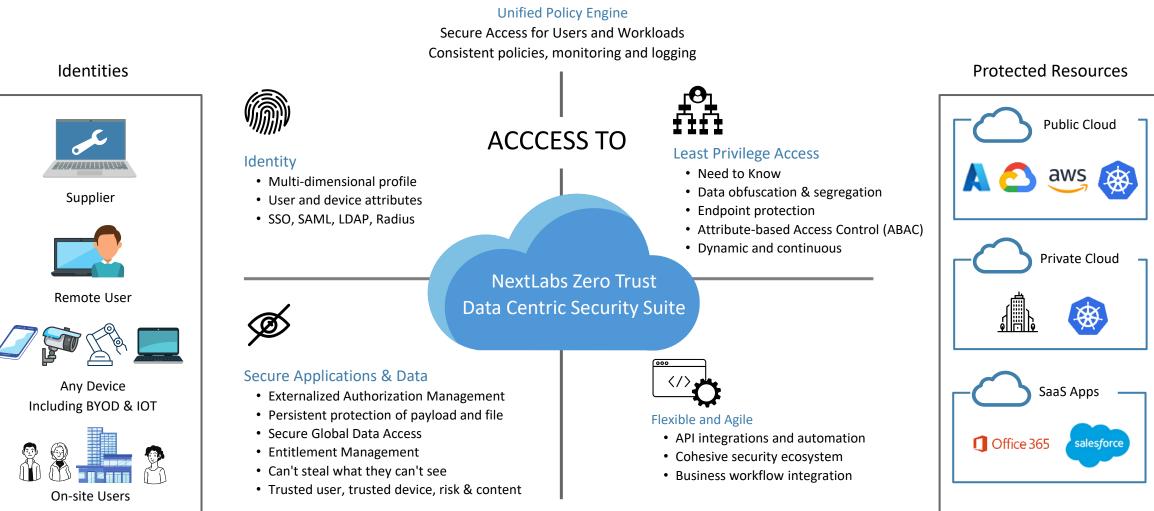
Largest customer base of Zero Trust Data Centric Security – NextLabs has the highest number of active, business-critical deployments of Zero Trust Data Centric Security solution across public and commercial sectors. With 98% Customer Satisfaction rating and 15+ years in business, we are one of the most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

NEXTLABS

NextLabs Zero Trust Approach



NextLabs Zero Trust Approach



Hybrid Cloud Platform

Engineered to operate optimally in the hybrid cloud environment

As distributed and scalable as the cloud

Zero Trust Data Centric Security Suite



Zero Trust policy platform CloudAz

Unified policy management system with dynamic authorization policy engine serving as the Control Center of the Data Centric Security Suite





Enforce ABAC and Externalize Authorization Application Enforcer API Enforcer Microservices Enforcer

Endpoint Enforcer (Desktop and VDI)

Secure applications, API, and microservices access, externalize entitlement, protect data, and simplify access management





Protect Data at Rest, Shared File, and Payload SkyDRM Cloud Payload Enforcer

Persistent protection of critical files stored and shared anywhere, cloud payload, and endpoint device

Control Global Data Access from Anywhere Data Access Enforcer Authorization Enforcer

Zero Code Approach to protect critical data and secure access independent of application with dynamic data masking, format preserving encryption, and data segregation

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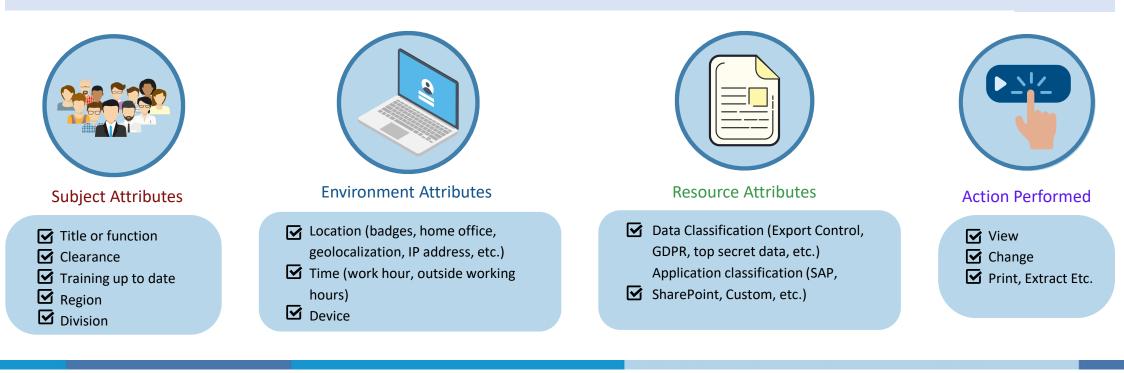
Attribute-driven 4GL Policy Language (NIST SP 800-162)



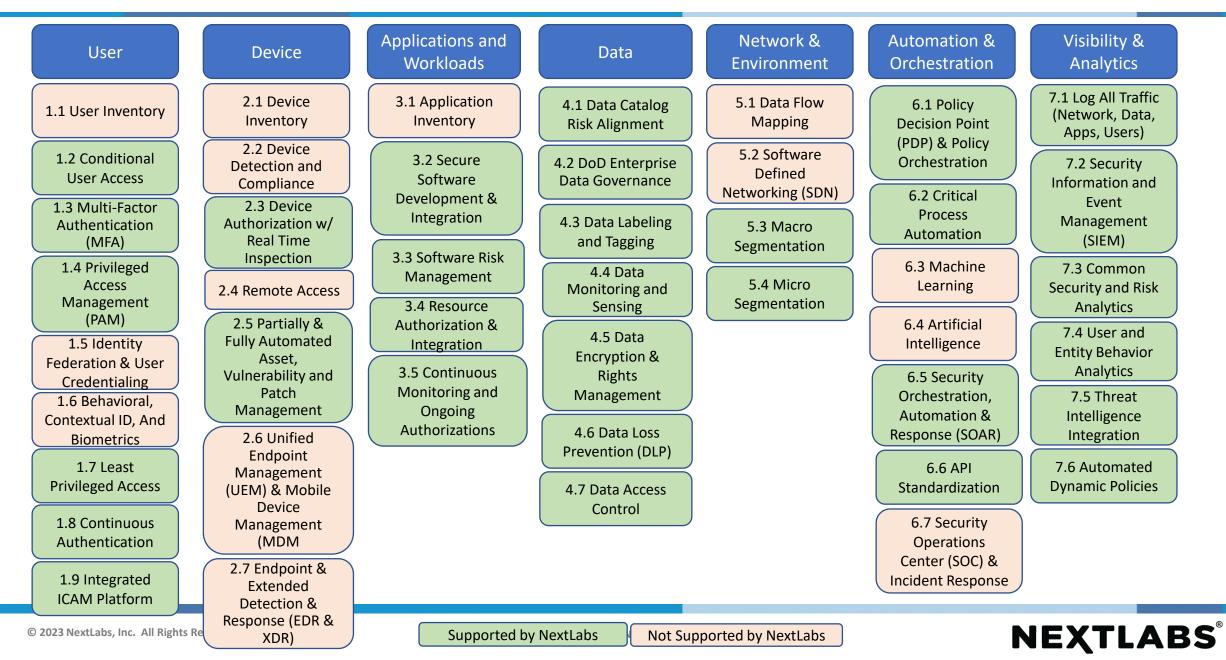
Allow only Manager with "defense confidentiality level2 or above" clearance with updated training, to perform Actions 1-2 only on ammunition storage locations data in his own region in SAP ERP and DMS only during Work Hours from Office location

Policies

(Who, What, When, Where, How)



NextLabs Capability Model for DoD Zero Trust Reference Architecture



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