

NEXIS Platform Module Description

Version 4.3

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1. Overview

With version 4.3, the NEXIS Platform offers a modular architecture consisting of the NEXIS Base Platform, three add-on functional modules, and optional feature packs and connectors. The new structure enables flexible licensing and precise scaling of functions as needed.

The NEXIS Platform is an Identity and Intelligence Platform (IVIP) that extends IAM infrastructures with AI-powered analytics, workflow automation, and real-time governance. It provides organizations with a centralized view of identities, roles, and permissions across all systems while supporting Identity Security Posture Management (ISPM), application onboarding, and AI-based permission optimization. The base platform provides customers with access to all core data management, analytics, administration, and system control functions.

The add-on modules expand this scope of functionality with specialized features in the areas of workflow management, IAM governance, and business design & user services. Optional supplementary feature packs enhance integration capabilities and operational efficiency.

2. NEXIS Base Platform

The NEXIS Base Platform forms the technical and functional foundation of the solution. It provides central services for data import, data schema management, authorization management, system monitoring, reporting, and corporate identity customization, as well as basic functions for analytics and data management.

In addition, the platform offers a unified administration interface through which all base components are managed. The NEXIS Base Platform is generally available both as a Software-as-a-Service (SaaS) solution and as an on-premises solution. The SaaS solution can be provided with either Standard or Premium SLAs. The base platform provides functionalities for fundamental use cases in the areas of role modeling, policy management, and data analysis.

Module function	Description	Menu item
Data Sources	Data import configuration	NEXIS Administration
Data Scheme	Data scheme configuration	NEXIS Administration
Data Export	Basic data export via optional plugins	NEXIS Administration
Project Configuration	General settings at project level	NEXIS Administration
System Services	Control of system operation and system functions, global settings, access to the NEXIS Platform with standard roles and custom roles	NEXIS Administration
Project Dashboard	Default project dashboard ("Home")	Project Summary
Identity Security Posture Management	AI-based and manual detection of security and compliance risks based on configured rules	ISPM
Identity Analytics	Matrix- and table-based visualization of permission structures, time-based access visualization, overview of all imported objects	Analytics
Business Role Modeling	Creation of static and dynamic business roles	Analytics
Role Model Management	Automatic role model suggestions and generation based on predefined identity attributes	Additional Features
NICO – Data Quality	AI-based monitoring of data consistency and outliers	ISPM, Analytics

Module function	Description	Menu item
Reports & Policies	Creation and generation of reports and data quality policies	Additional Features
Task Center	Overview of all tasks created in the NEXIS Platform	Additional Features
MCP Server	Integration of MCP-capable AI assistants via the Model Context Protocol: create, update and delete roles, query entities, and retrieve. More functions based on additional modules.	

Table 1: Functions of the NEXIS Base Platform

3. Modules of the NEXIS Platform

3.1. NEXIS Workflow Module

The NEXIS Workflow Module contains all functions for mapping and automating company-specific approval and authorization processes. It enables the graphical modeling and execution of standard and customer-specific workflows, such as recertifications and request processes, based on the integrated workflow engine. Reusable workflow components such as notifications, delegation and escalation mechanisms, as well as the task dashboard for end users, support end-to-end process control. Additionally, functions for data synchronization, including delta processing, and AI-based support (NICO) for recertifications are available.

Module function	Description	Menu item
Workflow Engine	Management and configuration of standard and customer-specific workflows (e.g., recertifications, request processes, lifecycle processes)	Workflow Center
Workflow Components	Emails, delegation templates, scripts, triggers	Workflow Center
Task Dashboard	Display of open and completed tasks	My Tasks
Synchronization Engine	Data export functionality, including synchronization rules and delta processing	NEXIS Administration
Delta Import	Incremental data imports to optimize load times	NEXIS Administration
NICO – Recertification	AI-based support for recertifications	Workflow Center

Table 2: Functions of the NEXIS Workflow Module

3.2.NEXIS Business Module

The NEXIS Business Module enables the creation of custom dashboards, end-user services, and analytical views. Using the integrated UI Designer, you can develop your own browser pages, forms, and navigation structures. The module supports best-practice templates as well as ordering portals for products, roles, and permissions.

Module function	Description	Menu item
User Interface Designer	Creation of custom browser pages ¹ , dashboards, tables, cards, forms, entity views, toolbars, and navigation structures	User Interface Design
End-user Services	Services for end users based on forms and workflow bundles	Workflow Center
Order Management	Creation of orderable products and catalog structures	Additional Features
Request Shop	Standard dashboard for requesting products, roles, and permissions	Select manually
Templating	Best-practice templates for role management that map processes, dashboards, and end-user services	Workflow Center
KPIs	Definition and evaluation of KPIs	Workflow Center

Table 3: Functions of the NEXIS Business Module

3.3.NEXIS IAM Governance Module

The NEXIS IAM Governance Module provides all functions for the (decentralized) management, approval, and control of IAM documentation, optionally supported by the AI-based assistant NICO. The Application Onboarding Engine enables the structured presentation and knowledge gathering for applications that are to be connected to the IAM system. The SoD (Segregation of Duties) Engine provides all functionalities for the detective or preventive detection of SoD conflicts. The graphical SoD matrix serves to define, verify, and implement segregation policies and forms a central basis for compliance monitoring.

Module function	Description	Menu item
IAM Governance Documentation	Management, workflows, and configuration of templates for IAM Governance Documentation	IAM Governance
Application Onboarding Engine	Supporting template engine for connecting applications to IAM systems	IAM Governance
NICO – IAM Governance	AI-powered assistant for managing IAM documentation	IAM Governance

¹ The configuration of browser pages remains available to all customers who licensed (purchased) the NEXIS Controle software (Governance Edition) prior to June 15, 2021.

Module function	Description	Menu item
SoD Engine ²	Graphical SoD matrix, rules, and mutual exclusions, including corresponding workflows	Additional Features

Table 4: Functions of the NEXIS IAM Governance Module

4. Feature Packs

Feature packs can optionally be licensed to extend the standard functions. They increase the efficiency and integration capabilities of the NEXIS Platform.

4.1. NEXIS License Killer

The License Killer feature provides actionable insights into application usage to eliminate unnecessary licensing costs and optimize decisions throughout the application lifecycle. To this end, user access to "license-required" applications can be tracked over a defined period – either at the access level (e.g., by tracking authentication against the application) or at the permission level (e.g., by monitoring permission usage).

- **Usage monitoring for cost reduction:** Captures actual application usage to identify unused or underutilized licenses and uncover potential savings opportunities.
- **Workflow integration:** Supports remediation workflows to align with organizational requirements (requires the Workflow Module).
- **Application discovery:** Applications can be identified based on data from IGA systems or IDPs, enabling comprehensive license optimization across the entire environment.

Technical integration:

- Usage information can be imported from identity providers (IDPs), SIEM systems, or other telemetry sources.
- The data is collected per user account (e.g., an Entra ID account) and application (e.g., a business application managed in Entra ID) and then mapped to the identity and the corresponding local accounts.

4.2. NEXIS Microsoft Teams Integration

The Microsoft Teams integration allows notifications to be sent not only via email but also as Teams messages, as well as the transmission of simple approval decisions via Teams features.

Workflow integration modes:

- **Direct approvals:** Approval requests – such as the assignment of permissions – can be reviewed and confirmed directly in Microsoft Teams, with full auditability.

² The SoD functionality remains available to all customers who have continuously licensed the NEXIS Platform, including the former Governance Module (up to version 4.2), under a purchase or rental agreement prior to January 1, 2026.

- **Customizable notifications:** Teams notifications can be individually configured to remind users of pending actions or invite them to work directly in the NEXIS Platform.

Technical integration:

- The integration requires a direct connection between the NEXIS Teams backend, hosted in the NEXIS SaaS environment, and the NEXIS Platform.
- The Microsoft Teams bot must be installed in the customer's tenant and assigned to all relevant users.

4.3. NEXIS Evidence Collector

The NEXIS Evidence Collector shifts evidence collection from periodic audit preparation to continuous proof that controls actually work. Evidence requirements are defined centrally in the IAM Governance Documentation. Evidence such as screenshots, PDFs or exports is captured for the governed applications, services, controls and processes and validated by the AI assistant NICO against criteria defined by the customer.

- **Central configuration:** Multiple evidence requirements can be attached to each governed item, each with a working instruction for the end user, evaluation criteria and an optional validity period. Expired evidence is requested again automatically.
- **Capture:** Upload directly on the IAM Governance Documentation fields, via the Evidence Collector view, or with the optional browser plugin straight from the target system.
- **AI-assisted evaluation:** NICO reads the content, checks it against the defined criteria and returns a result (compliant/non-compliant), a confidence level and its reasoning. Above a configurable threshold, evidence is accepted automatically; below it, evidence is flagged for manual review.
- **Audit-proof storage:** Evidence is stored unchanged, time-stamped and protected against tampering. Every evaluation is recorded, audit reports can be produced at any time, and missing evidence remains visible as a gap.

Prerequisites and licensing:

- The Evidence Collector requires the NEXIS IAM Governance Module.
- The feature pack includes 200 processed pieces of evidence. Additional evidence is licensed in additional packages.

4.4. NEXIS Bring Your Own LLM

By default, the AI-assisted features of the NEXIS Platform, such as NICO for IAM Governance Documentation, the Evidence Collector or authorization management, run on the Nexis AI service. With Bring Your Own LLM, they run on a language model operated by the customer instead, either on the customer's own infrastructure or via a cloud endpoint under the customer's own contract. This allows the use of models that have already been approved internally with regard to data residency, procurement and AI policy.

- **Operating mode:** A tenant uses either Nexis AI or its own model; there is no automatic fallback between the two. If the customer's model is unreachable, the respective request is not executed. If no model is configured, AI features are switched off.
- **Setup:** The endpoint and credentials are registered in Credential Management (category AI Model) and stored in the vault. Before activation, the NEXIS Platform verifies reachability, response behavior and, where needed, embeddings. Once activated, all existing and future AI features use the customer's model.
- **Supported models:** Standard chat and completion models without fine-tuning. For features that read from governance data before answering (retrieval), an embeddings endpoint with the dimensionality expected by NICO is optionally required.
- **Data flow and usage:** Identity and entitlement data is sent exclusively to the registered endpoint. Usage is not metered by Nexis.

Responsibilities and provisioning:

- In both modes, prompts are built by the NEXIS Platform. When the customer's own model is used, model behavior and output filtering are the customer's responsibility. The allocation of provider and deployer roles under the EU AI Act shifts accordingly.
- Nexis implements the connector for the respective model based on the information provided by the customer (endpoint, API, authentication). Registration and activation are then performed by the customer in the user interface.

5. Integrations

The NEXIS Platform provides a range of connectors to integrate external systems and to import or export identity, role, and permission data. Depending on the connector, they support import, export, or bidirectional synchronization scenarios and can be used for both one-time data transfers and regular synchronizations. Depending on the connector, different data formats, protocols, and interfaces are supported. In addition to the connectors included in the base platform, Nexis provides separately licensed connectors for further systems.

5.1. Standard Connectors (included in the Base Platform)

Connector	Use case	Description
Generic REST Connector	Import	Import of JSON-formatted data via REST interfaces for generic integration of different systems; customer-specific customizations possible.
Database Connector	Import	Import of data via SQL queries; support for common database systems such as MySQL, MSSQL, PostgreSQL, and Oracle.

Connector	Use case	Description
CSV Connector	Import	Import of data from CSV files; upload via the user interface or storage in a defined server location.
Active Directory Connector	Import & Export	Import of data via LDAP (accounts, permissions, UPA); export of accounts, entitlements, and effective assignments via the Synchronization Engine.
LDAP Connector	Import	Import of data via LDAP (accounts, permissions, UPA).

Table 5: Standard connectors

5.2. Separately Licensed Connectors

Connector	Use case	Description
OneIM Export Connector	Export	Export of roles and permissions for further processing in One Identity Manager; support for CUD operations for entitlements.
SAP Connector	Import	Import of data from SAP systems (SAP ERP, SAP HANA); support for accounts, permissions, employees, assignments, and usage data.
Microsoft Entra ID Connector	Import & Export	Import of identities, accounts, permissions, and target systems via the Microsoft Graph API; export of effective assignments via the Synchronization Engine.
SCIM Connector	Import & Export	Standardized integration of target systems via SCIM; import and export of accounts, permissions, and effective assignments.
SailPoint ISC Connector	Import & Export	Import and export of employees, accounts, permissions, roles, and assignments via REST API.
Garancy Connector	Export	Export of roles, role hierarchies, and permissions; various technical options (Sync Engine, task-based, template-based).

Table 6: Separately licensed connectors

6. Licensing Note

The NEXIS Base Platform is required to operate the NEXIS Platform. The add-on modules (Workflow, IAM Governance, Business) can be licensed individually or in combination. Feature packs and separately licensed connectors are optional and require a valid base platform

license. The scope of functionality depends on the respective license configuration. All modules and extensions are subject to the license and terms of use of Nexis GmbH.