

Streamlining physical and digital access control in one central identity and access management solution

Nexus PRIME enables you to automate complex security processes for physical access, digital access and credential management. It also reduces operational costs by providing comprehensive self-service functionalities.

Centralization

Manages all identities and credentials for both physical and digital access in one central system.

Control

Gives you transparency, traceability and compliance across units and locations.

The identity challenge



Nexus PRIME is a central solution for efficient, transparent and flexible identity and access management (IAM), which eliminates inefficient and error-prone manual processes.

Best-practice workflows

Employees normally need access credentials for both physical access to sites and buildings, and digital access to computers and servers. Identities are often created and managed in several separate systems, which leads to confusion and high costs, and jeopardizes enterprise security. By

providing a central system with best-practice workflows, Nexus PRIME enforces uniform policies in the management of identities, credentials and entitlements, and provides information on who is in possession of which access credentials and entitlements at any given time. Nexus PRIME connects to the enterprises' IT environment, as well as to existing access control systems.

Nexus PRIME is vendor-independent, since it supports several providers of RFID cards, PKI smart cards, multifunctional cards, card printers, and card middleware.



Nexus Service Station running Nexus PRIME user selfservice portal

Self-service portal

The mobile-enabled user self-service portal streamlines business processes such as onboarding and offboarding. The PRIME user interfaces are multilingual and tailor-made for different user groups, which boosts user acceptance and data quality.

Traceability and auditability

Nexus PRIME has a number of features to fulfill any requirements for reliability, traceability and auditability:

- The PRIME Business Process Model Notation (BMPN) workflow engine logs every step in the executed process.
- An object history is created for all objects, such as Person, Card or Certificate, created in PRIME. All changes are tracked with, for example, timestamp, IP address, username and reason for the change. All entries in the object history are digitally signed.
- All runtime data stored in the PRIME database can be displayed and exported in different formats, and the search function is flexible and configurable.

Multi-tenancy

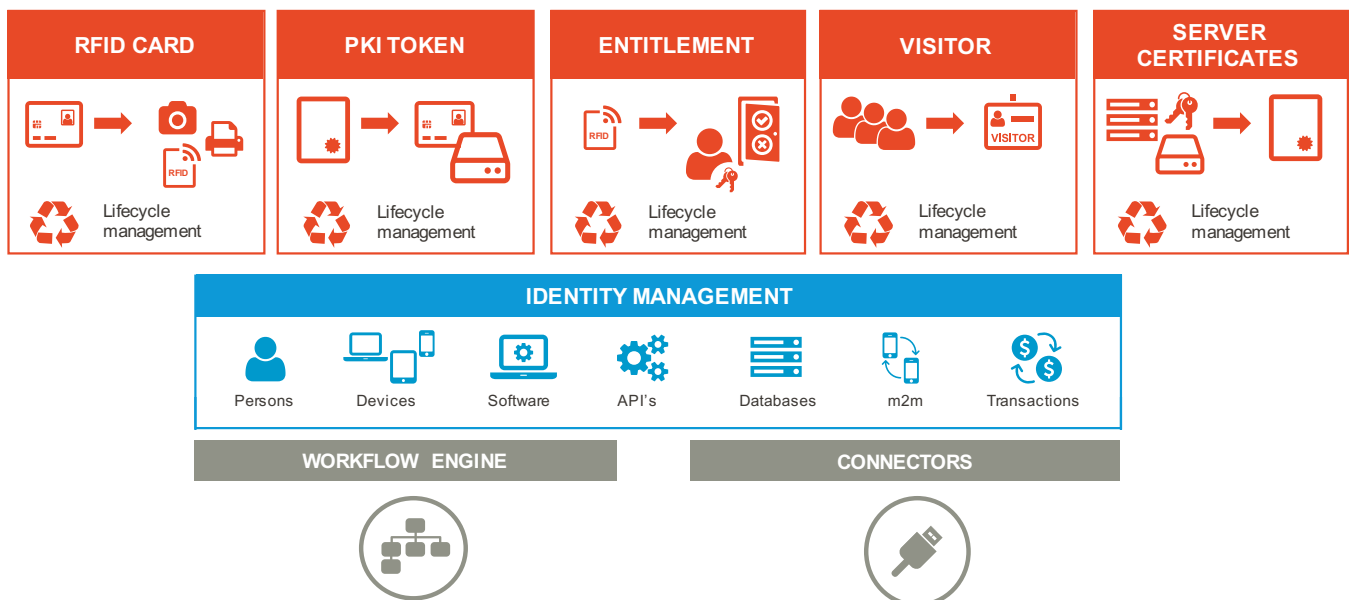
Nexus PRIME can host multiple client organizations in the same instance of the platform, with clean separation of policies, and issuance and maintenance processes, and with separate groups of policy administrators. This feature is ideal for service providers and large organizations, with a need to handle, for example, different national data protection requirements.

Additional features

- Secures onboarding by allowing the user to capture all attributes of their identity, such as photo, HR data, personal data, biometric data, signatures and electronic documents.
- Enables flexible design of cards with a range of elements, such as picture, signature, logo, colors and more.
- Allows for different card layouts for different user groups, such as employees and visitors.
- Supports all market-relevant access control systems, RFID cards and PKI cards, and supports mobile identities.
- Increases automation through flexible notification processes, used when cards or certificates need to be renewed, for example.
- New use cases and workflows can be designed within Nexus PRIME using Business Process Model Notation (BPMN), which is a widely used, standardized, formal, intuitive and graphical notation for describing processes. The BPMN workflows can be executed directly within Nexus PRIME.
- Comes with out-of-the-box integration with Nexus Online services for outsourcing of the card production.
- Comes with out-of-the-box integration with Nexus Certificate Manager and other certificate authority (CA) softwares.

Best practice modules

Nexus PRIME comes with a series of preconfigured, best-practice standard modules for instant use. Each module contains workflows addressing common IAM use cases.



Standard modules in Nexus PRIME

Standard modules

RFID Card Management

The Nexus PRIME module RFID Card management assists you in securely issuing and managing multifunctional access cards and tokens. It also helps you manage access to all of your facilities and registration of people. The module manages access cards and tokens across their entire lifecycle. All relevant processes are supported: issuing, activation, deactivation, revocation, provisioning of replacement or temporary cards, and more.

Physical Entitlement Management

Managing the lifecycle of RFID cards is only the first step in establishing a secure physical access environment. Managing the access profiles for multiple physical access control systems (PACS) is the next step, and this is done with the PRIME module Physical Entitlement Management.

Nexus PRIME acts as an umbrella system for all PACS in different locations to provide one single management tool to assign and withdraw access to certain areas. This means that you do not have to do administration in each individual PACS. You get a single, overlaying reporting and auditing instance with correct and up-to-date information about who has access to which areas at what time.

Physical Entitlement Management is executed via dedicated request workflows with approval steps for specific rights or in an automated way via access rules, based on, for example, organizational attributes or beginning and end dates.

PKI Token Management

Public key infrastructure (PKI) security method and smart cards are known to be the most secure and most scalable technology for two-factor authentication (2FA), encryption and digital signatures. The Nexus PRIME module PKI Token Management provides organizations with a workflow-enabled tool for efficient and user-friendly issuance and lifecycle management of smart cards. In addition to smart cards, soft tokens and

mobile identities (Nexus Personal Mobile) can also be managed in one workflow.

During their lifecycle, smart cards are generated, issued and activated. They can also get lost, stolen or damaged. All relevant lifecycle processes are supported by token, the module, such as requests, approvals, card production, PIN changes, blockings, unblockings, encryption key history, renewals and replacements.

Visitor Management

Aside from employees, there are countless visitors and external contractors passing the organization's gates every day. By offering, for example, pre-registration of the visitors via self-service they can shorten the waiting times at the day of the actual visit, which gives the visitors a positive and professional impression. The Nexus PRIME module Visitor Management helps organizations to establish company-wide transparency on issued visitor badges and to manage them with the help of efficient processes.

Server Certificate Management

The Nexus PRIME module Server Certificate Management is a tool for consolidating an organizations numerous PKI systems into one platform. The module establishes safe administration of trusted identities for servers, services and network devices, as well as secure certificate issuing processes.

Workflows can be built with multiple roles for requesting, approving and performing server registration and certificate issuing. Individual servers or complete IP or DNS domains can be registered.

The module manages servers and certificates across their entire lifecycle includes creation, activations, deactivations, and changes of servers, as well as requests, approvals and issuance of server certificates.

The module monitors all valid certificates in the system and automatically requests the responsible user to renew expiring certificates.