

## nevisIDM: Identity Management Service

nevisIDM is a multi-client capable identity management solution that enables central management of users, applications, and permissions. To permit efficient management of users and credentials, nevisIDM supports delegated administration as well as self-administration. nevisIDM is a component of AdNovum's security framework Nevis.

### Features and Tasks

#### User administration

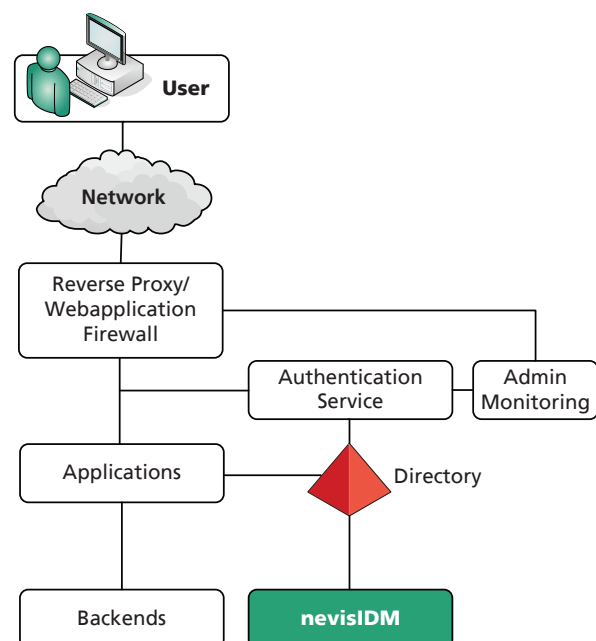
- Administration of user and authentication data
- Hierarchical organization of users (organizational units)
- Association of roles and users (authorization)
- Administration of roles and applications
- Multi-client capability

#### Self-administration

- Configurable self-administration capabilities
- Registration of user certificates

#### Management of policies & processes

- Management of client-specific authentication policies (e.g. password policies)
- Management of separate mail templates in various languages for individual clients (e.g. for lost passwords)
- Generation and printing of rastercards



### Product Highlights

#### Efficient user administration

- Organization of users in organizational units combined with delegated administration enables efficient decentralized management of user data.
- Integrated web interface for remote administration of user data.
- Easy integration of external user administrations via web-service interface.

#### Simple self-administration

- Ticket authentication (one-time login) allows easy self-registration of user certificates and passwords.

- Users can manage their master data and registration information themselves (self-administration)
- Simple password recovery through automated mailing of one-time passwords.

#### Auditability

- Changes are versioned and stored in database.
- Data records can be exactly reconstructed at any time.
- Security-relevant events such as password changes can additionally be processed and forwarded via the auditing framework.

## Advantages

### Cost reduction

- Reduction of costs through elimination of distributed user administrations in existing applications.

### Increased security

- Establishes higher security through central administration and control of user data and through application of the service concept to identity management.
- Enables implementation of a security setup that complies with company policies.
- Enables company-wide single sign-on (SSO)
- Scalable, highly available, and secure directory infrastructure.

### Revisable

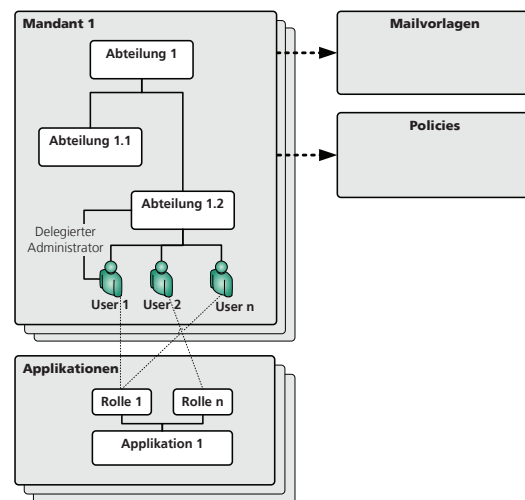
- Access rights (including the granting of rights) are fully revisable, which results in improved overall data and information protection.

### Open

- nevisIDM is available in source code to license holders.

### Multi-client capability

- The logical separation of user data from different clients allows the use of a single nevisIDM system for multiple user populations.
- Administration can either be performed strictly within individual clients, or across various clients.



## Technical Data

- Based on Java 5
  - Java EE container deployment
- OS: Solaris and Linux
- Database: Oracle and MySQL

## References

### PostFinance PF-IDM

- Nevis-based identity management for the administration of users, access rights, and credentials
- Role-proxy concept
- Permission administration based on workflow and enterprise roles
- Credential management (password, certificate, secure ID)
- Integration of HR, LDAP, AD, and EAI

### SIX Group B2B Portal (SSO / IDM)

- Identity and access management
- nevisIdm, nevisAuth, nevisProxy
- WAF
- PCI-DSS compliant
- User administration (multi-client capability for individual SIX Group companies)
- Provisioning of user data

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