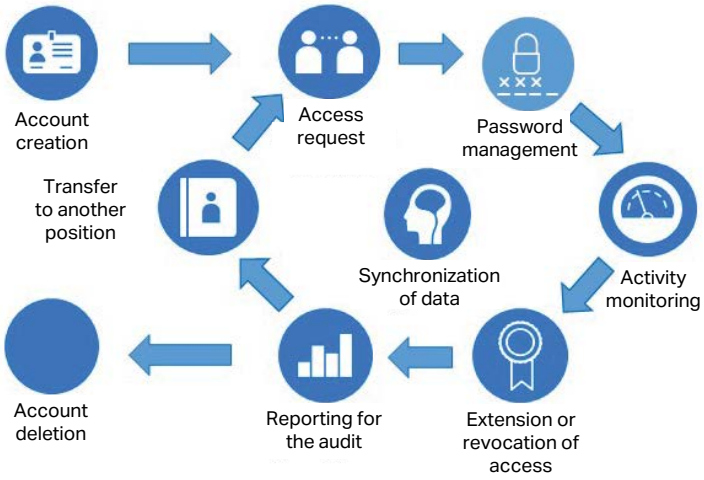
CyberRes

Brochure

NetIQ Identity Governance and Administration

A NetIQ identity governance and administration (IGA) solution that helps organizations manage the lifecycle of accounts and access rights to information resources.

The global digitalization of business and the spread of hybrid IT infrastructures have made managing user credentials and access to information systems one of the most important—and at the same time challenging—tasks to solve. NetIQ offers a set of integrated components for the complete, automated management of user credentials and access. From the moment the account is initially created, and throughout its lifecycle, user attributes are synchronized across all the organization's information systems. Authorized employees may periodically check users' access rights. Current rights can be extended, and unnecessary rights can be revoked with a single click. When deleting an account, all access rights for the employee are revoked from all information systems in a matter of seconds. This reduces the risks associated with the misuse of credentials belonging to dismissed employees.



Main Possibilities of the Solution

Synchronization of Credentials

Starting from the moment when employees are hired and their data is entered into the HR system, NetIQ Identity Manager creates a corresponding record in its centralized account information storage system, Identity Vault. Users' credentials are then transferred automatically to all systems connected to Identity Manager, and accounts are created in these systems. As a result, new employees can start performing their full duties on the first day of work, with access to all the necessary information resources within the organization. If it is necessary to make changes to the user's credentials in the future (for example, in the event of periodic password changes), Identity Manager will make sure that these changes are correctly reflected in all connected systems. When employees transfer to another position, a review of their access levels may be required. Identity Manager automates the process of granting new permissions to a user and, if necessary, revoking old privileges. When employees are dismissed, their credentials are either deleted from the HR system or marked as inactive. Identity Manager automatically makes the appropriate changes in all connected systems, revoking the access rights of the employees. As a result, the relevant users will no longer have access to the organization's critical systems within a few seconds of the management decision. This avoids the risks associated with dismissed employees gaining access to important corporate information.

Role-Based Administration

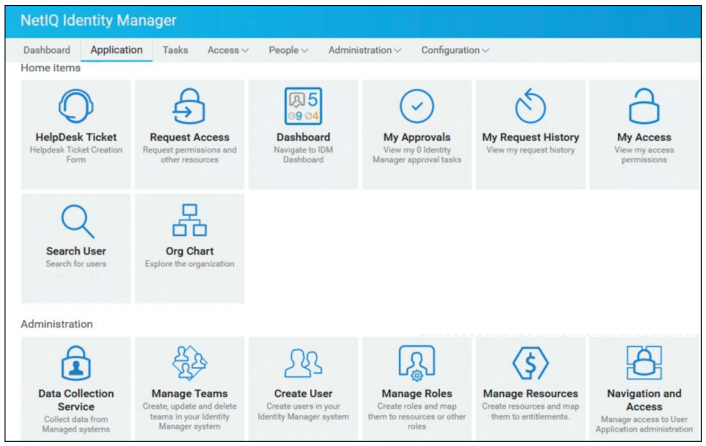
To increase the flexibility of the solution, Identity Manager assigns user access rights to resources through specific roles rather than applying them directly. The list of roles can either reflect the organizational structure of the company (departments, units, etc.) or have a special structure (for example, associated with the organization's key projects). An individual user can have one or several roles in Identity Manager. Access rights are granted to a particular role. This ensures transparency for auditors and ease of managing access to the information resources of the organization.

User Self Service

The IGA solution from NetIQ minimizes routine management work while meeting the needs of organizations with complex business logic when providing access. NetIQ offers built-in tools for creating approval workflows, allowing approvals for privileges to be obtained from stakeholders. The system also supports delegation of roles and powers in accordance with the described procedure.

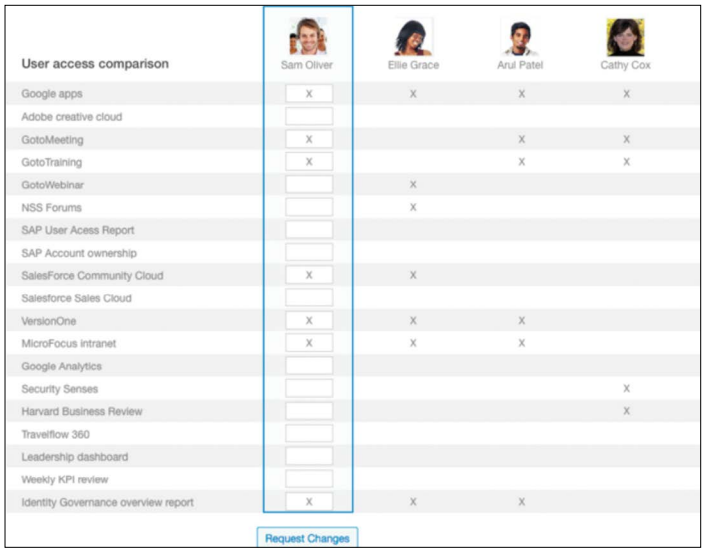
The Self Service Password Reset module included in Identity Manager reduces the load on the IT Service Department. Using the module, the organization can implement mandatory policies related to user passwords, including the frequency of password changes and password complexity.

Users can view and edit their personal information in the corporate directory through the self-service portal. The information entered in the directory will be reflected in all systems that Identity Manager is synchronized with. This reduces the administrative load on company staff and allows users to keep their corporate profiles up to date. In addition to updating their profile, the self-service portal allows employees to request access to the necessary resources in the organization's resource catalog for themselves or their reports. Once created, the request will be sent along the pre-defined approval workflow in Identity Manager.



Auditing of Access Rights

The NetIQ Identity Governance module is designed for centralized auditing of access rights. It makes it possible to gain a clear picture of who has access to what within the organization. With the help of periodic certifications, authorized employees can renew existing employee access rights to various resources, as well as revoke them if necessary. This makes it possible to implement the principle of least privilege in the organization, giving users only minimum access rights to corporate resources.



An additional benefit of Identity Governance is the possibility of performing a comparative review of existing user access rights. This simplifies the process of granting and changing permissions and also provides a visual representation of a given sample of employees.

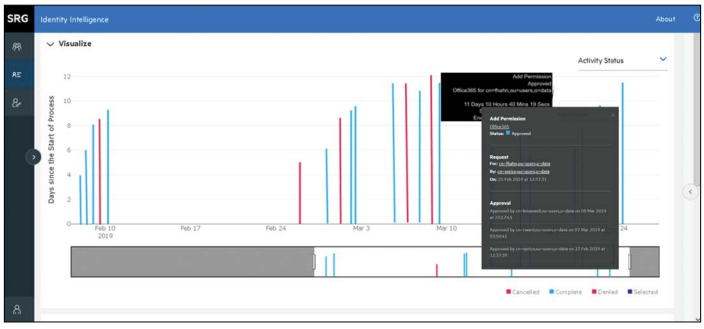
The IGA solution from NetIQ allows policies to be configured for separation of duties, a process in which more than one person must perform critical business actions. This minimizes the risks of both intentional abuse and basic human error. The requirement to share powers is in many regulatory documents, and auditors check compliance often. Depending on the Identity Governance settings, the system either generates a refusal or requires special approval for requests for excessive powers.

Reporting System

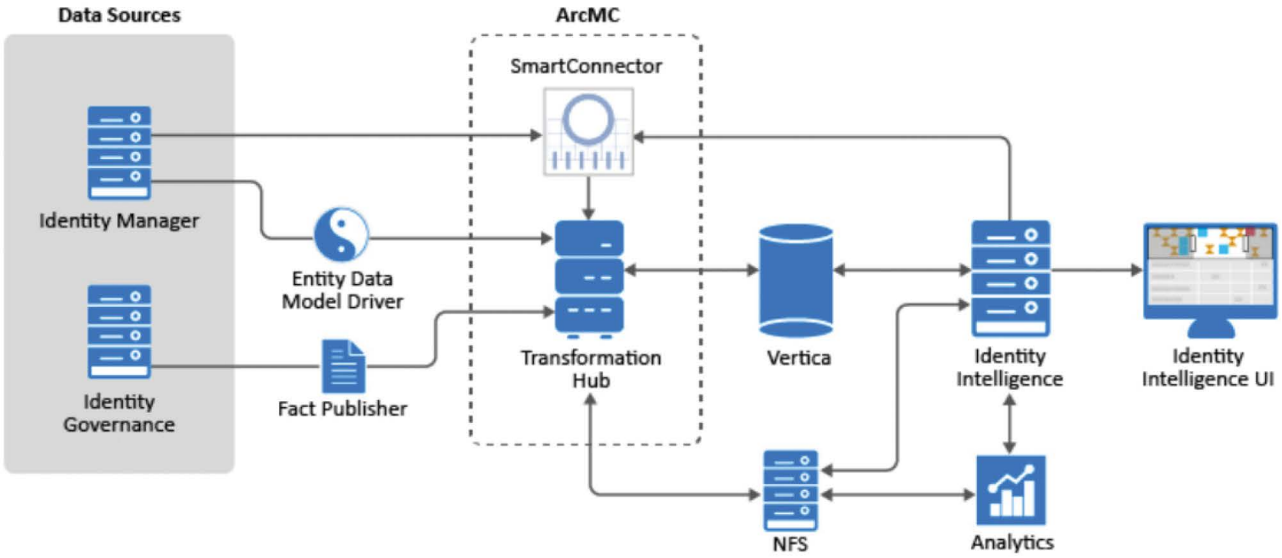
NetIQ offers Identity Intelligence and Identity Reporting modules for visual analytics and reporting in the embedded IGA solution.

Identity Intelligence is designed for analyzing IGA processes in an organization. Typical examples of its use include:

- **Detecting and responding to process violations.** Monitoring and detecting unexpected events and exceptions.
- **Preparing for audits.** Collecting information and demonstrating compliance with industry requirements and business rules to inspection bodies.
- **Fine-tuning IGA processes.** Analyzing the similarity of assigned roles and trends in granting access levels. Identifying bottlenecks and potential problems.
- **Supporting internal investigations.** Identifying who had access to what at a certain point in time.



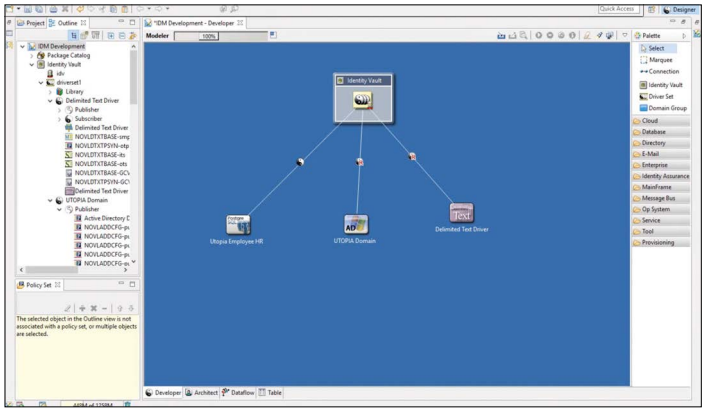
The Identity Intelligence architecture is based on the Vertica analytical database. This ensures high performance when creating analytical reports, through optimal use of computing resources.



The Identity Reporting module is designed for creating and sending reports about the IGA system configuration: a list of synchronized attributes, what is associated with what in connected systems, settings policies for passwords, and much more.

Solution Design

Identity Manager contains utilities to simplify planning, configuration, and implementation of the IGA solution in an organization. Identity Manager Designer is one of these utilities. It is designed for architects and allows all the components of an IGA solution to be visualized, with a diagram of their interaction. Designer also makes it possible to document and pre-test a solution before implementing it in a production environment within an enterprise.

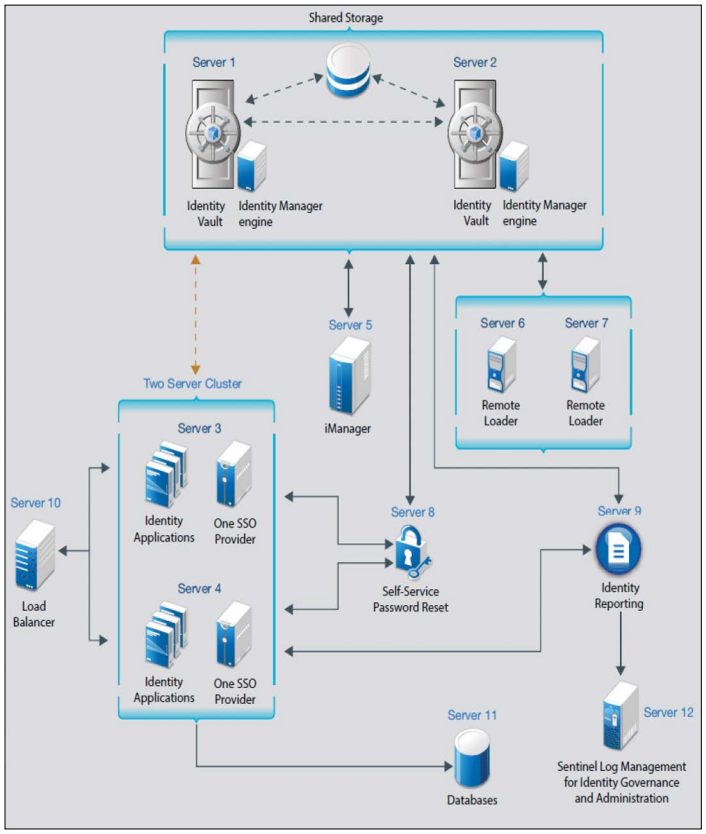


Leverage data from another utility, Identity Manager Analyzer, when preparing an IGA solution: create a data diagram, determine business logic for collecting data, configure the correspondence of fields between connected systems, etc.

Scalability and Fault Tolerance

All critical components of the solution are supported in fault-tolerant mode. This means that if one of the cluster nodes of an IGA service fails at some point in time, the corresponding service is automatically started on the backup node. First of all, the Micro Focus solution provides a high level of scalability, thanks to the organizational features of a centralized credential storage system—Identity Vault. This can manage billions of objects. Secondly, the IGA solution supports horizontal power build-up and load balancing between the key components.

It is also worth noting that most components offer cross-platform support. For more information about the supported platforms and their versions, see the technical documentation at **www.microfocus.com/documentation/identity-governance-and-administration/**.



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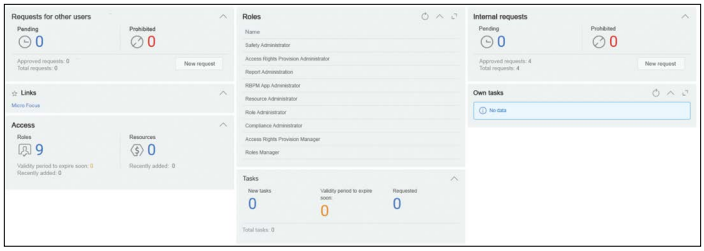
Localization

As a global company, NetIQ offers localized user interfaces for many of its products. In particular, the interfaces of the following components of Identity Manager are available **in Russian**: iManager, Identity Dashboard, Identity Applications Administration, Identity Reporting, Identity Approvals, User Application. In addition, the "Identity App User Guide" is available in Russian.



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About NetIQ

NetIQ provides security solutions that help organizations with workforce and consumer identity and access management at enterprise-scale. By providing secure access, effective governance, scalable automation, and actionable insight, NetIQ customers can achieve greater confidence in their IT security posture across cloud, mobile, and data platforms.

Visit the NetIQ homepage at **www.cyberres.com/netiq** to learn more. Watch video demos on our NetIQ Unplugged YouTube channel at **www.youtube.com/c/NetIQUnplugged**.

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