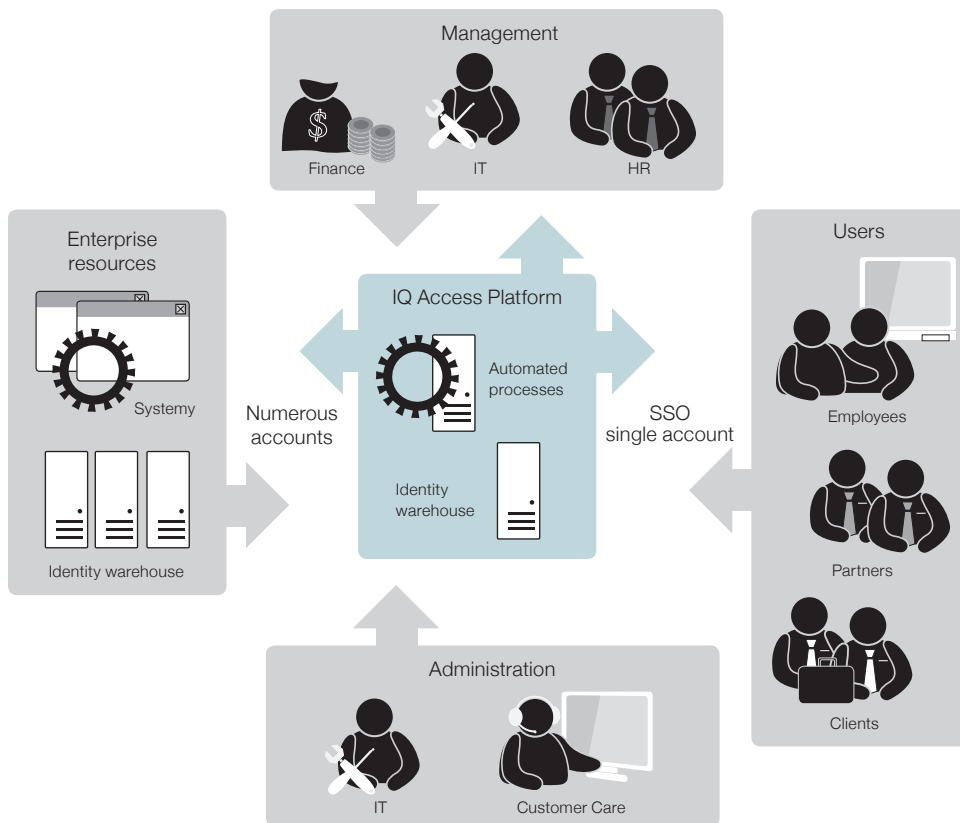


*Complexity made simple.*

## IQ Access Platform

### Solution for banks – IQ Access Platform

Business, which process large quantities of client, employee and partner data used by different IT systems often encounter problems with the data subject identity management.



#### IQ Access main features

- ▶ Identity management
- ▶ Unifying authentication process
- ▶ Single login
- ▶ Role Based Access Control (RBAC), Fine Grained Access Control (FGAC)
- ▶ Users
- ▶ Authorization granting process support
- ▶ Authorization life cycle management
- ▶ Access policy formatting
- ▶ Wide range of interfaces

#### IQ Access authentication methods

- ▶ User/password
- ▶ NTLM/Kerberos domain login
- ▶ OTP sent by text or e-mail
- ▶ IP address restriction
- ▶ Certificates
- ▶ Radius

IQ Access also supports the integration with the existing authentication methods used by the bank, e.g. tokens or biometrics via flexible extension mechanism.

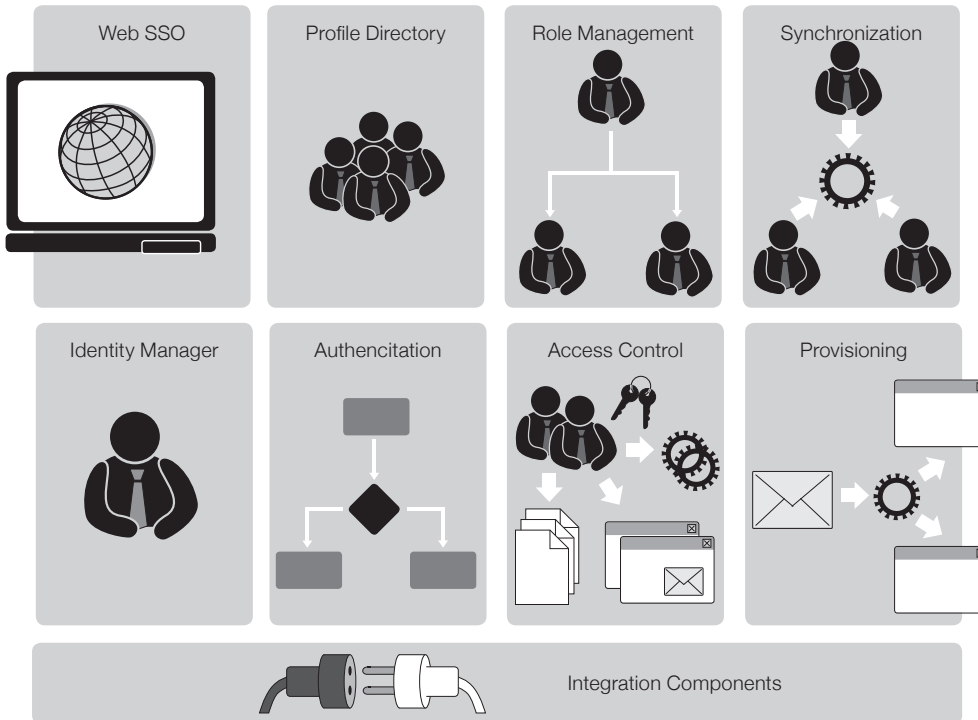
#### IMPAQ Solution

IQ Access is a dedicated solution supporting flexible identity management and access control by the banks. Modular structure and easily extendable components support easy solution implementation, which helps reduce TCO to a significant extent.

## Centralized identity management

IQ Access guarantees user identity integration by integration mechanisms as well as mapping of the identities already existing in the bank systems. The platform can be implemented in a fast and flexible manner due to a large number of interfaces. The solution supports using the existing user identification data or a single, central database.

Our solution supports the implementation of the central repository, which controls the access by the bank's employees, partners and customers, which greatly facilitates identity management administration. As a result of virtual and private silos, access by the bank's employees, partners and customers is completely separated, which ensures data protection and safety.



## Implementation advantages

- ▶ The implementation of the identity management and access control system supports the bank's process standardization and helps reduce the management and administration expenses.
- ▶ The implementation of IQ Access as a flexible tool helps reduce the implementation cost as compared to commercial off-the-shelf software (COTS).
- ▶ The system helps reduce the risk and identity management cost.
- ▶ Well designed mechanisms guarantee user work comfort.

## Case study

IQ Access system has been implemented at the leading landline telephony operator as the Internet access service user authentication. SAML (Security Assertion Markup Language) has been used for integration with the client systems together with ID-FF (Liberty Alliance Identity Federation Framework).

The implementation involves LDAP three node cluster, which ensures fact access to user profile data.

User authorization is based on Role Based Access Management. The system has been expanded by additional profile data functionality, it works as the user profile database.

## Authentication process unification

Once the central access server is implemented, all the bank resources are protected by the same access processes. IQ Access offers numerous predefined extensions for authentication function. The platform supports flexible defining of the authentication method combinations, which are required to gain access to a given resource, e.g. domain login combined with one time password or token.

### ▶ Role Based Access Control

IQ Access implements Role Based Access Control mechanism. Applications provide the users with access to resources based on the authorization information received from authentication server. The platform supports advanced access control management at the visibility level for selected application roles.

### ▶ Fine Grained Access Control

Fine Grained Access Control supports flexible model for authorization assigning to selected resources based on dynamic access rules. If an attempt to access the client system is made, the application requests a selected user authorization from the central server, and the server grants access accordingly.

### ▶ Wsparcie dla procesów zarządzania tożsamością i nadawania uprawnień

IQ Access identity and authorization management processes offer numerous mechanisms and interfaces, which support automatic identity and user authorization management. It simplifies the system administration.

### ▶ Easily editable processes

IQ Access offers a transparent authentication process control system. It allows the system administrators to check the platform status easily. Standardized processes also support generating system operation reports.

More about IMPAQ  
[www.impaqgroup.com](http://www.impaqgroup.com)



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