

# Enterprise Information Security

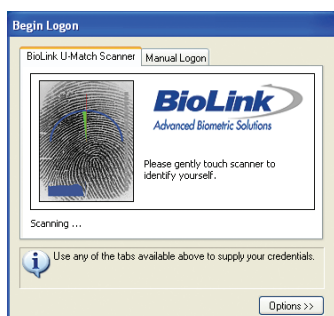
**Biometric identification solution designed to manage access to corporate information resources of an enterprise-wide network**

The BioLink IDenium solution is designed to handle identification issues of any organization based on the distributed enterprise-wide network. BioLink IDenium is a fully-functional biometric identification system intended to significantly enhance your operating environment security mechanisms by way of implementing the cutting-edge fingerprint matching technology. The major features of BioLink IDenium are reliability, security, functionally, performance, efficiency, affordability and ease of installation.

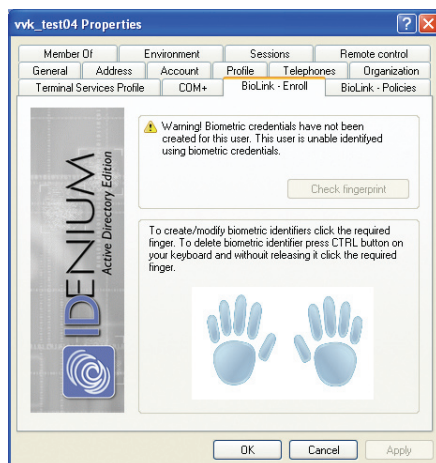
The BioLink IDenium product line is based on client-server applications operating in diversified network environments. It supports global directories (Active Directory), Novell networks access, Citrix logon, and access to servers running on various operating systems (Windows, Linux).

The proposed hardware for the system is the optical fingerprint scanner with the USB interface – BioLink U-Match – of compact and ergonomic design and allowing for high-quality fingerprint images capture.

Upon installation of BioLink IDenium, users can enroll their fingerprints (up to ten) into the system. The enrolled fingerprints are then transformed into a unified digital template, and in the event of damaging one finger, the user can be identified with any other finger. It is noteworthy that the template is generated so that the original image of the fingerprint cannot be recreated from it.



**Fingerprint based logon to the operating system**



**BioLink tab in a standard Active Directory Users and Computers console**

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BIO-METRICA L.L.E

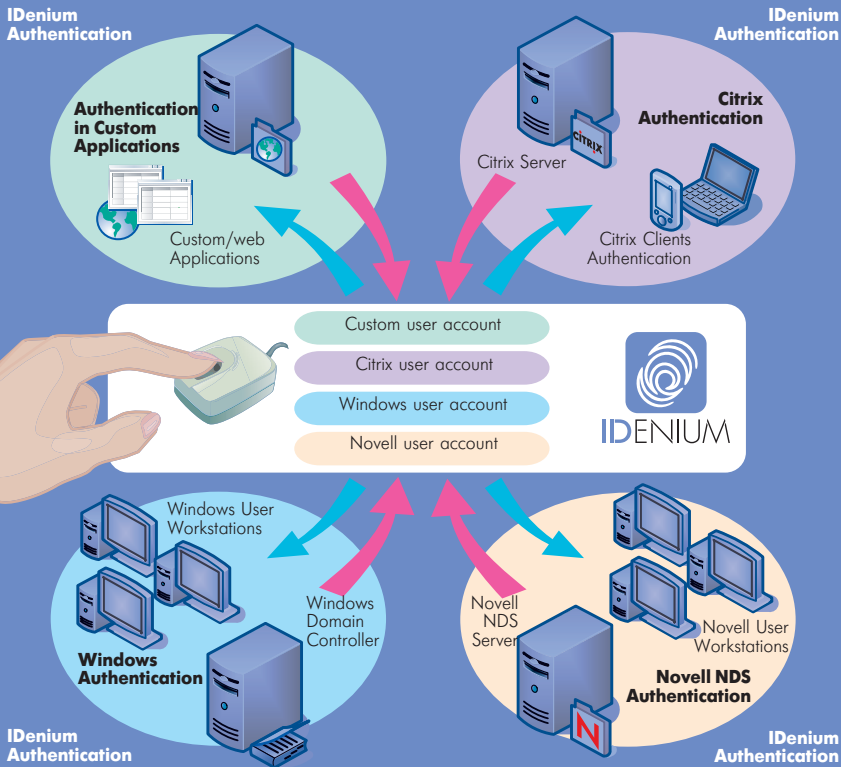


**IDENIUM**

## BioLink IDenium Advantages

- Identification of users by unique biometric parameters – fingerprints – preventing sharing, theft or loss;
- Ease and convenience of identification – no need to memorize, type or change multiple passwords;
- Quick integration into enterprise-wide networks of various configurations and platforms;
- Flexible mechanism of user management (in a solution for Active Directory – via a standard AD Users and Computers console);
- Multi-factor identification
  - fingerprint
  - fingerprint or password (recommended for ordinary users),
  - fingerprint and password (when accessing the highly sensitive resources).

## Centralized management of user credentials through a single biometric identifier



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**AUTHENTEON**

Digital templates of biometric identifiers are stored and processed by BioLink Authenticon Server (Windows or Linux based). It allows an automatic generation of long and secure passwords assigned to the appropriate user accounts and biometric identifiers.

## Key features of BioLink IDenium

### Overall security increase

- A user is identified with the help of his/her own unique parameters;
- Non-repudiation of transactions confirmed by way of biometric identification;
- Users cannot share passwords and access rights;
- Prevention of use of stolen or lost identifiers.

### Optimized administration

- Reduction of time required to access the protected resources ( no mistakes while typing passwords, no damage nor loss of identifiers);
- Increase of the overall system administrators productivity;
- Reduction of costs related to administration of the access infrastructure.

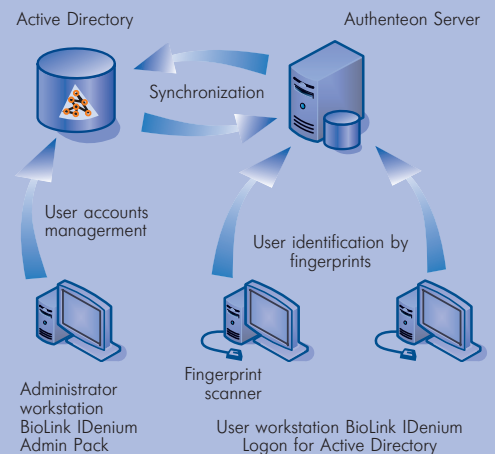
### Ease of use

- One-time enrollment of biometric identifiers;
- Quick authorization, user convenience and workflow efficiency;
- Enhanced centralized management of user rights.

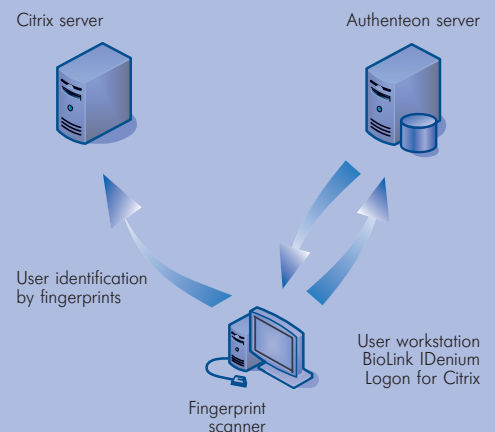
### Scalability

- Ability to create and extend clusters of biometric identification servers;
- Load distribution and balancing, handling of peak periods charge;
- Use of local cache data for user access in case of servers or network unavailability.

## Biometric identification in Active Directory environment



## Biometric identification for application access through a terminal server



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