

BIOLOGON

Your Corporate Gatekeeper



www.comsigntrust.co.il

BioLogon

Our Flagship System for Top-Tier Identity Management and Access Control

Utilizing advanced biometric technology, including fingerprint reading and facial recognition, BioLogon ensures maximum security for access to computers and various organizational systems. Biologon - for safely accessing both the IT and the physical environment.

Secure Access with Biometrics: Identify Users and Protect Organizational Data

Biometrics provides the most secure level of user identification for organizations handling sensitive data. The use of biometric tools offers a high level of authentication with a positive user experience.

components is eliminated.

**BioLogon Was Created with Your
Users in Mind**

**They can't lose it. They can't forget it.
It can't be stolen, forged, or duplicated.**

These are their own unique biometric data.

- 1:1 of the user without the need for names or passwords
- Reliable identification of users within the organization
- Secure access to the organization's systems
- Comprehensive protection of organizational information
- Seamless integration with all leading organizational systems



Key Features and Benefits

1. Authorized User Identification Only
2. Seamless Windows Integration
3. Comprehensive Device and Technology Support
4. Detailed Login Attempt Logging
5. Fallback Authentication in Case of Malfunction
6. Customizable Login Policies
7. Support for Various User Types
8. Virtual Environment Compatibility
9. Instant Login Without Username
10. Biometric Transfer Over RDP
11. AES 256 Encryption
12. Secure Client-Server Communication
13. Privacy Protection
14. Wide Integration with Biometric Scanners
15. Remote Station Access via RDP
16. Rapid System Recovery
17. Controlled Biometric Scanning Attempts
18. User Access Blocking Without Valid Biometric Data
19. Comprehensive Login Attempt Tracking
20. Multiple User Authentication
21. Flexible Authentication Methods
22. Template Storage Instead of Images
23. Multi-User Capability at Single Workstation
24. Offline Operation
25. Auto-Scalability, High Availability, and Redundancy
26. Multiple Finger Authentication
27. Remote Unlock Capability
28. VPN and SMS Authentication Support
29. Customizable SDK

How it works?

BioLogon software integrates with biometric scanners to capture and store user biometric templates in a secure database. When a user attempts to access the system, their biometric features are compared against the stored templates. If the biometric data matches an entry in the database, the user is successfully authenticated and granted access to the protected system, workstation, or data.

The BioLogon Solution Consists of Three Components



Active Directory

Manages user accounts, network identities, and fingerprint template storage.



Biologon Client

Manages user interface and client-server connectivity.



Biologon Server

Manages authentication, logic, and references to other servers.



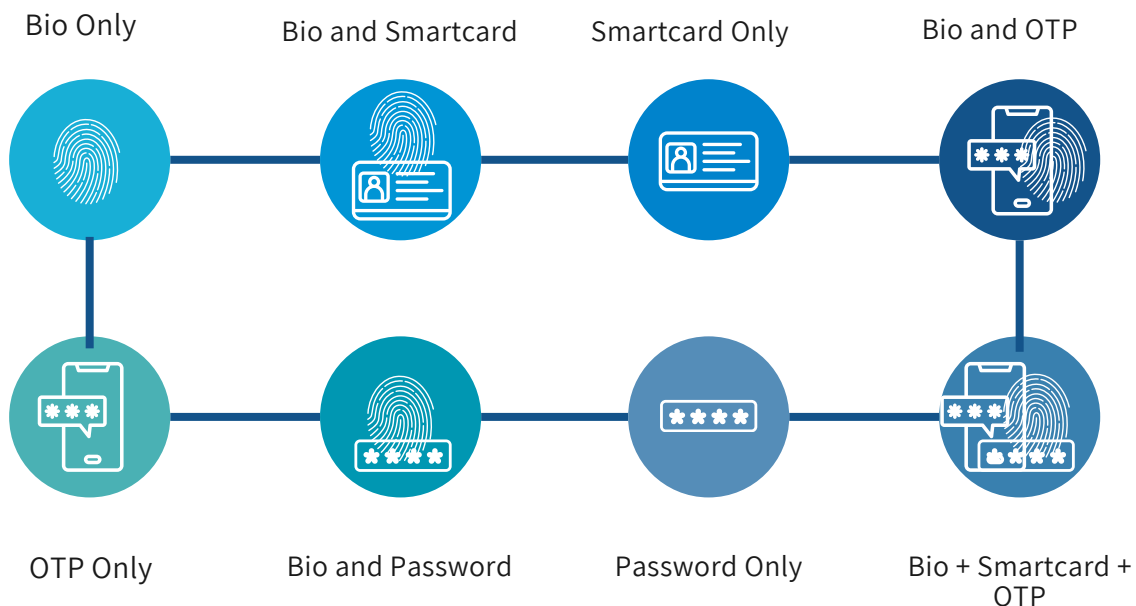
Biometric reader

Installed at end stations to capture and identify fingerprints.

The communication between the client and server components occurs over a secure channel using TLS and mutual authentication.

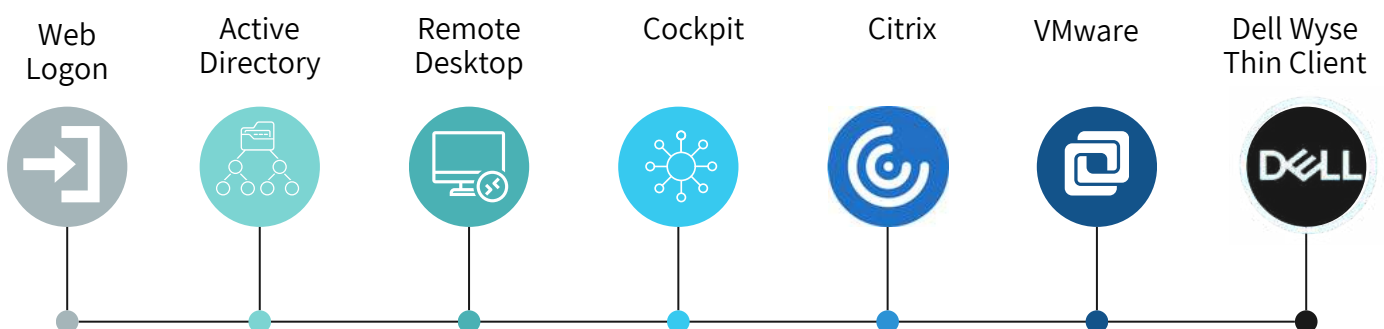
Combine BioLogon with Other Authentication Methods for Enhanced Security

Biometric authentication can be used alone as an alternative to your current method or combined with other ComSign authentication methods, such as a personal smartcard or OTP (One-Time Password), to provide additional layers of security.



Integration with Other Organizational Systems

BioLogon integrates with your other high-end virtualization solutions to ensure compliance with industry standards and regulations for identity and access management:



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