

Password Freedom™

Robust Biometric Security for the Enterprise

Supported Configurations

Client OSs: WinXP Pro and Home

Server OSs: WinXP Pro, Windows 2000, Linux (available soon)

Server Software: Java 2 SDK v1.5, Apache Tomcat, PostgreSQL v8.1

Fingerprint sensor: UPEK TouchChip, UPEK Eikon, Silex S1/S2, Fujitsu MBF200

Fingerprint Template Extraction and Matching: NEC



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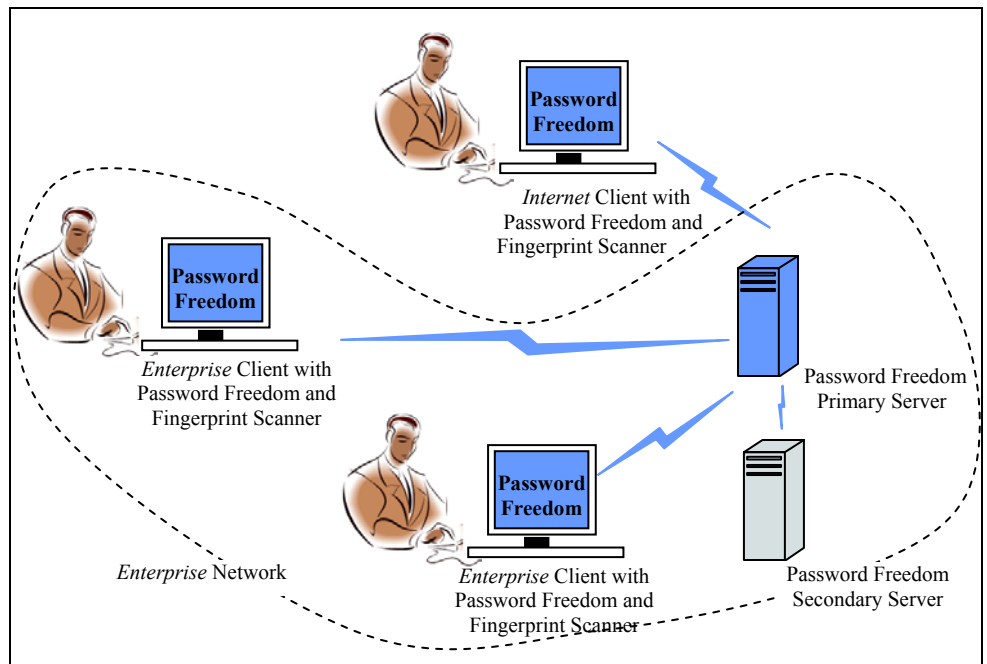
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Password Freedom™ provides fingerprint-based access control to the enterprise IT infrastructure. By combining the biometric identity verification technologies and the best-in-class extraction/matching techniques, Password Freedom provides a rock solid access control mechanism for the enterprise IT infrastructure. Before a user can connect to the enterprise network, his or her fingerprints must be authenticated by the Password Freedom server.



In a Password Freedom enabled enterprise, when users want to login to their computers, they need to provide their user-ids and fingerprints. Each user's fingerprint is matched by the Password Freedom Server against the same user's registered fingerprints. In case of a mismatch, the user is denied access to the computer and hence the enterprise infrastructure. In case of a successful match, the user login is permitted. From this point onwards, user experience is identical to their everyday experience with their system.

Remote users can authenticate themselves with Password Freedom Server just as they would in the enterprise provided they have access to internet.

Password Freedom™

Security • Convenience • Speed

Product Configurations:

SBA: Shimon Biometric Appliance—Fully configured Password Freedom™ server appliance

PF Software—Password Freedom server and client software

Both SBA and PF Software come in the following user configurations:

- 50 users
- 100 users
- 250 users
- 500 users
- 1000+ users

For other user configurations, please contact Shimon Systems, Inc. The system is capable of scaling up to handle much larger number of users.

Features:

- Fingerprint-based access control to the enterprise IT resources
- Multi-factor authentication option for high-priced resources
- Fingerprint sensor agnostic—Register with one fingerprint sensor and authenticate with another
- Networked, centralized authentication
- Fail-safe operation with primary and secondary servers
- Easily-managed, incremental migration to fingerprint security in the enterprise
- Remote, web-based administration
- Value added features—Simple Sign-On™ for managing portfolios of passwords for web-based applications, and fingerprint-based file and folder encryption and decryption
- Highly scalable architecture

Password Freedom is a client-server solution for fingerprint-based authentication. The credentials of all the legitimate users are stored in the Password Freedom server. Every time a user wants to connect to the enterprise network and access its resources, his or her identity information is collected by the Password Freedom client and sent to the Password Freedom server for authentication. Access is permitted or denied based on the results of this authentication.

Benefits:

- Robust security—you have to be who you claim to be!
- Convenience—no need to remember always-changing, impossible-to-remember passwords
- Speed—no need to type in cryptic passwords
- Cost-effective—pays for itself (in six months) by eliminating high password maintenance costs (\$400 per user per year, according to Gartner Group)
- Easy migration—easily “bolted on” to existing enterprise IT infrastructure; automatically extracts user info from existing databases
- Best-in-class fingerprint software—powered by NEC’s fingerprint engine, recognized by NIST as a leader in fingerprint algorithms
- Fingerprint sensor agnostic—get the best value for money

Markets:

- Logistics, Healthcare, Legal, Financial Services