

Solution

# Verifast™ SSO

Enable Access to the Applications You Use Every Day With a Biometric Scan

Verifast SSO from Fiserv uses the latest biometric technology to enable your employees to access applications securely and quickly without typing any passwords.

**In an increasingly connected world, identity and its inherent connection to security, is more important than ever. Passwords are no longer good enough for security – just look at the vast number of passwords that hackers leak every week.**

**With Verifast SSO, repetitive password entry is replaced with strong authentication and universal single sign-on. A secure biometric scan instantly connects you to your applications. In addition to happier and more productive employees, IT staff are unburdened from technical support for password lockouts and reset requests.**

## How It Works

Any time a password is required, your employee simply scans his or her palm, fingerprint or face<sup>1</sup>. These biometrics are matched in the secure database and your employee is logged in. Verifast SSO performs with applications running in a browser window as well as on a computer's desktop, and can be used to access your network, applications and websites.

## Enhances Employee Effectiveness

Employees save time by not having to log in and remember yet another password. Financial service representatives can focus on serving accountholders, rather than interacting with technology. IT staff can support network operations and technology initiatives, rather than devoting time to password reset requests.



<sup>1</sup>Some limitations may apply.

## Strengthens Security

Biometric authentication is practical, hygienic and secure. Verifast SSO supports a wide variety of authentication methods that grant secure access to applications in your business. This includes biometrics, such as palm vein, fingerprint and facial recognition, security devices like smart cards and tokens or platform authentication, including Windows Hello, Apple TouchID, FaceID or Android biometric login.

Verifast SSO can confirm identification for any site that complies with the Identify and Access Management (IAM) standards listed below, or it can store a user's username and password in its secure vault and fill it into an application that follows no standard.

### Identity and Access Management (IAM) Standards:

- Open ID Connect
- OAuth 2.0
- SAML 2.0
- SCIM 2.0
- FIDO 2.0
- W3C WebAuthn (FIDO)
- WS Federation
- ADFS

## Verifast SSO Features

- Single Sign-On
- Windows Desktop Security
- Multifactor Authentication
- Identity Management APIs
- Universal Directory
- One-Time Password (automatically generated passcode to authenticate a user for a single login session)

## Authentication Modalities

- Palm Vein
- Fingerprint
- Windows Hello
- Android Biometric<sup>2</sup>
- Apple TouchID/FaceID<sup>2</sup>
- Phone-Based Authenticator
- One-Time Password (OTP)

<sup>2</sup>Works with Open ID Connect, OAuth 2.0 and SAML 2.0

## Palm Vein Authentication

Unlike other biometric methods, palm vein patterns are not affected by external factors such as glasses, scratches, cuts, dry skin, lotion or abrasions. The palm scan detects the veins beneath the skin's surface when determining a match. This provides a more reliable means of identifying an employee compared with traditional methods, such as passwords and tokens.



### Palm Vein Authentication:

- Contactless (no-touch sensor)
- Only internal modality (palm veins)
- More accurate than fingerprint biometric
- Enrollment: No failure
- Fast capture rate
- Forgery rate: Low (difficult to lift internal vein pattern)

- Sweat, injuries and abrasions do not impact enrollment and authentication
- Two hardware form factors:
  - Mouse (one less peripheral at the teller station)
  - SLED ergonomic sensor design

#### Palm Vein Device:



## Fingerprint Authentication

Fingerprint identification is one of the most well-known and publicized biometrics due to its inherent ease in acquisition, the numerous sources (10 fingers) available for collection, and the established use by law enforcement and immigration.

- Contact (touch sensor)
- External modality (fingerprint)
- Most common biometric used
- One hardware form factor

#### Fingerprint Device:



#### One-Time Password:

One-Time Passwords (OTP) provide secure access to your applications. Verifast SSO supports OATH compatible TOTP and HOTP authenticators. This includes software tokens like Google Authenticator along with physical hardware tokens and cards without updating OTP codes.



#### Windows Hello:



## Apple TouchID and Android Biometric:




### Key Benefits:

- Eliminates the hassles of password management for employees across the enterprise
- Increases security by utilizing advanced biometric technology
- Frees up employees to focus on interacting with accountholders rather than technology
- Identifies users more reliably than other biometric methods
- Supports existing network and IT infrastructure with minimal IT cost to deploy
- Offers ease of use through integration with a standard biometric device

# Connect With Us

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