VERIMATRIX PASSWORDLESS AUTHENTICATION

verimatrix
DRIVING TRUST

Verimatrix Passwordless Authentication complements your existing solutions with password-less, two-factor or multi-factor authentication (2FA/MFA) capabilities.

Key features

- Works with existing systems (no costly replacement needed)
- Seamlessly integrates biometric and PIN-based authentication into existing mobile apps on iOS and Android
- Does not store any user information
- Supports multiple authentication and authorization methods under the same integration API
- Allows service providers to choose their own deployment strategies and use cases

Passwords remain a major hassle for consumers, especially on mobile devices. Service providers, meanwhile, are frustrated by the service calls, risk exposure and revenue loss associated with legacy authentication systems. A strong authentication (SA) solution that enhances existing systems offers a way out of this predicament.

Strong Authentication Overview

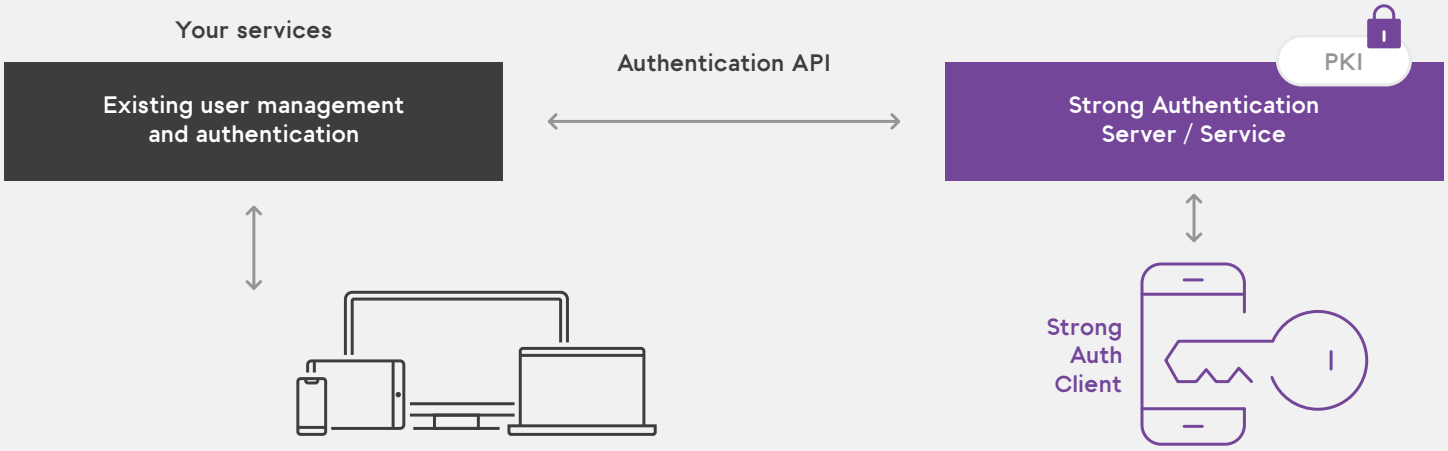
The need is pressing. Forgotten passwords and password entry on keyboard-less devices frustrate consumers and drive costly service-provider support. Legacy, password-only authentication exposes providers to security and compliance risks, and shared passwords cost the Pay TV industry billions of dollars a year. Yet no one wants to rip and replace.

The right approach is to leverage your current systems. Passwordless Authentication complements your existing user management solutions with password-less, two-factor or multi-factor authentication (2FA/MFA) and transactions-authorization capabilities.

SA Server Functionality

Verimatrix Strong Authentication (SA) is an end-to-end solution supporting a multitude of authentication and authorization use cases. The solution consists of a SA Server/Service and a SA Client SDK for iOS and Android.

The SA Server, which can be deployed on-premises or in a SaaS service model, provides an API for existing systems and services. Candidates for integration include IAM systems, mobile app backends, subscriber authorization systems, online payment systems, customer care systems or call center systems. Each legacy system can use the same central API to request user authentication or transaction authorization.

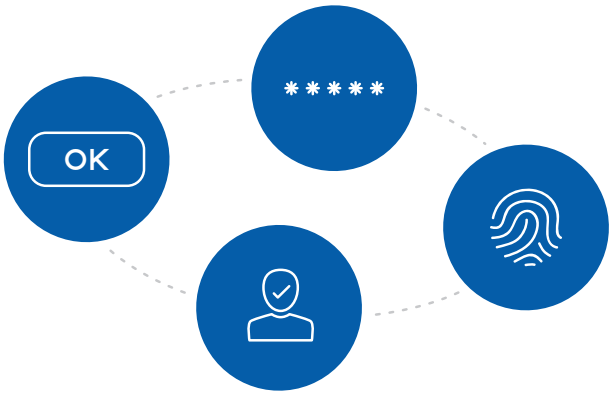


No user information is stored on the SA Server/ Service, but rather continues to be managed and processed on existing user management and authentication systems.

In addition to smartphone app and FIDO Alliance-based authenticators, the solution supports legacy SMS based one-time-passcode (OTP), mobile app-based OTP, OATH standard-based hardware token OTP and pre-printed paper-based OTP.

Client SDK Options

The SA Client SDK is a software library that integrates with an existing mobile app. The SA Client receives authentication requests from the SA Server and enforces biometric or PIN-based authentication processes as defined by the dynamic authentication policy set for each request. Device-independent face recognition technology is an optional feature.



The SDK can be delivered as a low-level core library, where all the UI and UX functions are managed by the integrated host application, or as a higher-level SDK with ready and customizable UI views. A standalone authenticator app template is available, and Verimatrix can also deliver a complete customer branded turnkey app.

Secure and Flexible

The Verimatrix SA solution is based on built-in Public Key Infrastructure (PKI), providing digital signatures and proof of transactions, complying with legislation such as the PSD2 in Europe.

Service providers can opt for a more strict or relaxed authentication approach (e.g. to eliminate or control password sharing) and have the flexibility to tailor authorization requests for various business models and use cases. For instance, 2FA does not have to happen every time a user accesses the service, and authorization requests can be sent and confirmed remotely for parental control, pay-per-view confirmations, subscription extensions, and device registration.

For further details on all of Verimatrix solutions, visit www.verimatrix.com

verimatrix™
DRIVING TRUST