

May anybody know  
the password  
that you have forgotten?



# PASSWORDLESS AUTHENTICATION

Discover the speed and security of life without passwords



**AUTHTAKE**

## Discover Security of Life Without Passwords!

Abandoning passwords is an ongoing goal. The development and widespread use of smartphones, fingerprint and palm readers, image and voice recognition devices have made it an important step towards achieving this goal.

Founded in 2013, FIDO Alliance (Fast Identity Online) has developed new authentication tests to help reduce the world's over-reliance on passwords. The prevalence of standards for UAF, U2F and FIDO2 (WebAuthn) has created passwordless authentication systems (Passwordless Authentication) that allow organizations to improve security and user experience (UX). This paved the way for faster and safer access to critical systems and data.



## AUTHTAKE

It allows you to abandon secrets such as passwords, OTPs, SMS Codes that are the target of identity thieves and make the transition to fully passwordless authentication using FIDO2, WebAuthn and public key encryption technologies.

## Eliminate Passwords.

According to Gartner, by 2023, 30% of organizations will benefit from at least one type of password-free authentication and eliminate static passwords.

This means an increase of more than 5% today.

- **There is no secret forget,**
- **No writing down the passwords,**
- **No OTP,**
- **No phishing,**
- **No sniffing,**
- **No password reset costs.**



### Workstation Login

Password-free login on Windows, Linux, Mac devices.



### E-Mail Security

Secure access to e-mail accounts with Microsoft Exchange, Office 365, ActiveSync, MAPI support.



### VPN/VDI

Providing VPN and VDI connections by remote authentication via Radius protocols.



### Single Sign-On (SSO)

Secure access to all corporate applications with a single authentication.



### LDAP Service

Fast and secure connection to on-premises directory services such as Active Directory, Azure AD and Open LDAP.



### Application Integration

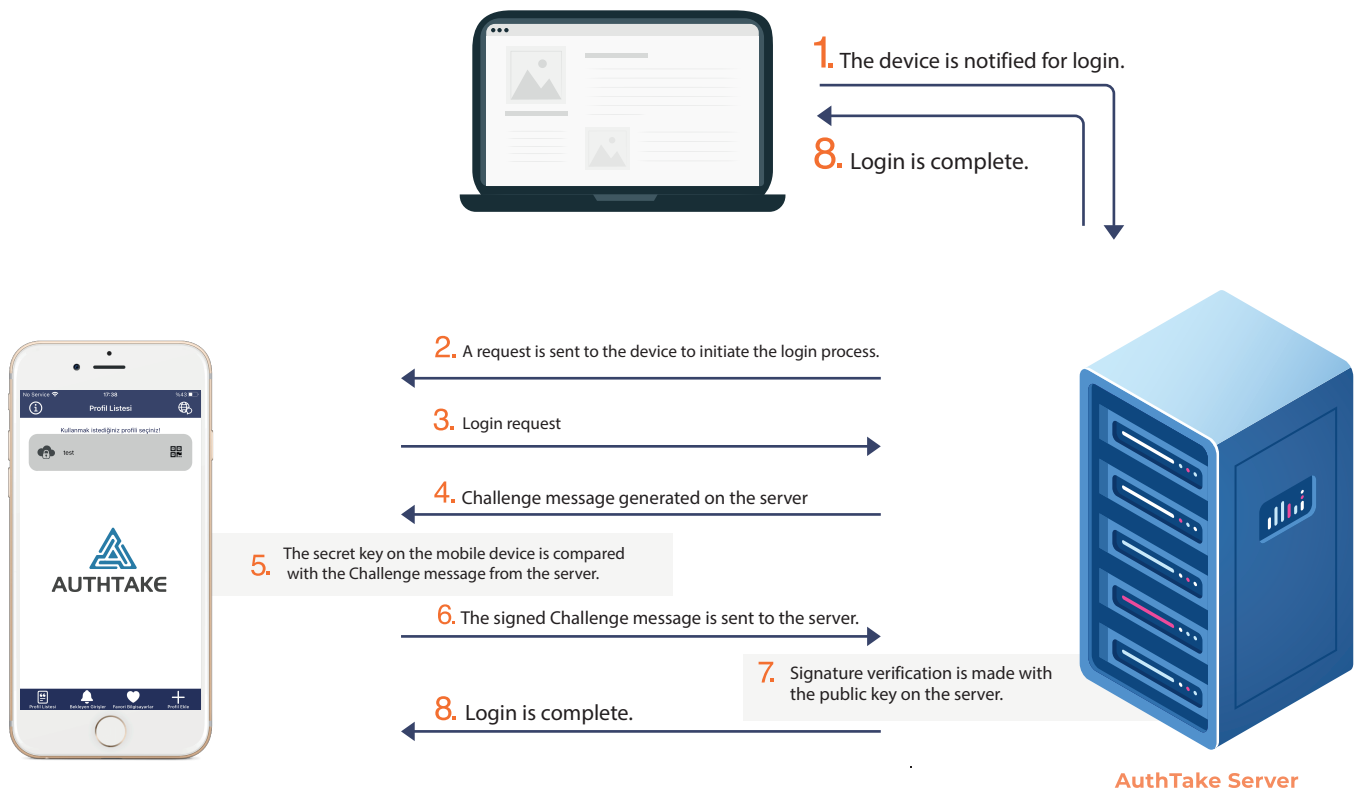
API support for integration to 3rd Party and corporate applications.

## Passwordless FIDO2 WebAuthn

AuthTake offers FIDO support using Public-Key Cryptography (PKC) infrastructure consisting of public / private key pairs in secure passwordless user authentication service.

According to the FIDO operating mode, the login request is initiated from the device owned by the user (Smart phone, physical token with FIDO support, etc.). The device transmits the login request to the AuthTake server. The server creates a Challenge message in response to this request and sends it to the device, the device signs this Challenge message with the secret key on it and transmits it to the server again. The server verifies the authenticity of the signed message with its own public key and realizes the input confirmation.

In all these verification processes, FIDO requests **biometric verification** from the user according to the support of the mobile device.



AuthTake provides mobile FIDO2 support as well as the products of hardware token producers such as Yubikey and Feitan that provide FIDO support.



## Why AuthTake?

"Passwords" come into prominence as the main actor of security breaches, unauthorized access and capture of user accounts in organizations. Managing passwords and eliminating their problems also causes high cost operations.

By eliminating passwords, AuthTake enables organizations to increase their security levels and avoid password management costs with its fast and secure "Passwordless User Authentication" technology thanks to Public Key Encryption (PKC) and FIDO infrastructure.

01



It offers hybrid operation thanks to On-Prem and Cloud Active Directory support.

02



It offers a good user experience thanks to its fast login and easy integration.  
(Login time is 3 seconds on average.)

03



Thanks to its offline mode, it enables access by using PIN in offline situations that are not connected to the system.

04



With the remote locking feature, the user can protect the security of their data no matter where they are.  
(Generates an alarm when your session stays open for a long time.)

05



Thanks to its rule-based working structure, it provides the ability to set unit-based commissioning and access groups.

06



By initiating the user authentication process from mobile, attacks such as PUSH and MITM are prevented.

07



Thanks to its single sign-on feature, it allows the user to log into any of the applications in the on-premises and cloud with a single ID and password.

08



By eliminating passwords, it prevents problems such as being forgotten, noted down and shared.

## How to Use?

### Sign in with Notification

Users provide a notification to their own device by only typing their user name in system access. Thanks to the application on their mobile device, they approve the notification, grant access permission and log in.



### Logging in with a DataMatrix

Users log in by scanning the QR code on the login screen of the system they want to access, through the AuthTake application on their mobile device and entering the requested biometric authentication or PIN.



### Login / Logout with Remote Control

Users can log in and lock remotely through their mobile device at the workstation that they have paired with the AuthTake application on their mobile device.



### Offline Login

In cases where the computer or mobile device does not have internet access, users can log in by authenticating with the PIN created by the AuthTake application using the Offline Login option.



## Say Goodbye to Shared Secrets and Identity Thieves.

By using FIDO2, WebAuthn and Public Key Encryption technologies with AuthTake, you can create passwords, OTPs, SMS Codes etc. which are the target of identity thieves. Eliminate shared secrets and switch to fully passwordless authentication.

- 61% of data breaches were due to weak or stolen passwords.
- 38% of all sampled users have a password that never expires. (Varonis).
- A cyber attack occurs every 39 seconds. (Every 11 seconds in 2021)



Discover the Security of  
Life Without Passwords!



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