Covers all use cases with MFA
Passwordless on all devices
Broaderest choice of authenticators
Authentication, Transaction & Digital signature
Unique simplicity to deploy Mobile apps
Comprehensive, competitive and simple pricing

Secure all your digital assets with MFA everywhere
About Us

Altipeak is a Swiss based company at the forefront of security technology.

Safewalk Access management provides a single platform for all use cases and topologies.

It provides the flexibility to adapt MFA to all your needs

- Clients from all industries in 4 continents
- World clock time zones support coverage
- World wide network of partners including:
  - Value Added Resellers, Service providers & Technology partners
Safewalk access management

Choice of authenticators and form factors
- Passwordless
- Push
- OTP

Broad integration

Rich Access Management Functionality

Protect access with MFA to any application
- All cloud & on premise apps
- Web portals & services
- ERP, CRM, Custom Apps ...
and many more

Safewalk Server
- Windows Logon
- ASP.NET
- Azure AD/ADFS
- API (OAuth2)
- SSO (SAML)
- RADIUS
- Swiss managed SaaS
- Cloud / On premise
- Broad integration capability
- Rich functionality
- Simplicity of use, installation & Configuration
Choice of authentication methods

We address all your authentication needs

Safewalk supported authentication methods

- **Fast Auth** mobile app (Push, QR, TOTP)
- FIDO 2 tokens (June 21)
- OATH SW & HW tokens (TOTP, HOTP)
- SIM based token (Swisscom Mobile ID)
- Virtual - SMS/E-Mail Passcodes
- Automatic call OTP
- Static passwords (local & LDAP/AD)
- Backup codes

All in one Fast Auth Mobile app

- Passwordless PC access
- Passwordless Mobile access
- Click to access (Push)
- TOTP

- SIM token
- Swisscom Mobile ID
- Swiss mobile Operators

www.altipeaksecurity.com
Swisscom Mobile ID

SIM Card based token

- Twofold Security through PIN and smartphone
- Hardware (SIM Card) token based security (LoA4)
- Asymmetric authentication (public & private key)

- Authenticate quick & easy with Mobile ID
- Independent of mobile phones OS
- Easy and fast self activation

- Available for Swiss mobile operators
All in one **Fast Auth** mobile app

Single mobile app with broad features

**Fast Auth** features

- Authentication
- Transaction & Data signature
- Secured Messaging
- Multiple token instances
- Configurable on boarding flows
- Single registration if several used methods
- Native & Xamarin Mobile SDKs including full functionality

For iOS & Android OS

www.altipeaksecurity.com
Fast Auth Mobile authentication methods

For all use cases with seamless user experience

Passwordless
- Asymmetric keys
- Two-way authentication (Server vs Mobile app)
- QR for PC access
- Login button (deep link) for Mobile access

Click to access (Push)
- Asymmetric (private & public keys)
- Two-way authentication (Server vs Mobile app)
- Upon click “Accept” button, the server signature is verified by the App

Passwordless Mobile access
- Login button is displayed instead of a QR
- Login button contains a deep link with a random server signature verified by the App
- User click + biometric authentication

TOTP
- Time based OTP
- Can be used as fall back with other methods
Fast Auth Mobile secured messaging

To interact with users with total confidentiality and security

Secured push messages
- Push messages directed to users
- Confidential data transmission
- User signs delivered message
- User authenticates to read message
- Message deleted once visualized
- Log of received and opened messages
- Source verification

Customisable messages sent using API

Message delivery

Message visualization

Log of received and visualized messages
Fast Auth Mobile registration options

On boarding methods flexibility

- Registration with QR scan
- Click or input less automatic registration available for customized/branded Fast Auth app
- Manual registration

Safewalk Fast Auth offers 3 registration methods
Registration flows can be configured and customized
# Fast Auth Mobile Mobile integration

Seamless integration of modern MFA methods to your Mobile apps

<table>
<thead>
<tr>
<th>Integration option</th>
<th>Method</th>
<th>Implementation</th>
</tr>
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<tbody>
<tr>
<td>Mobile web access</td>
<td>Deep-link with asymmetric authentication</td>
<td>No specific development or integration</td>
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<tr>
<td></td>
<td>User clicks on a login button, authenticates and access is granted and reverts to calling app after authentication</td>
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<tr>
<td>SDK integration</td>
<td>All Fast Auth functionality can be fully integrated within a third-party mobile app</td>
<td>SDK library integration</td>
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<tr>
<td>Side by side mobile apps</td>
<td>Deep-link with asymmetric authentication</td>
<td>API or SAML + deep-link integration</td>
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<td></td>
<td>Fast Auth is automatically opened when user press login button and reverts to calling app after authentication</td>
<td></td>
</tr>
<tr>
<td>Mobile branding</td>
<td>Safewalk features for simple UI &amp; messages branding and customization</td>
<td>No specific development or integration</td>
</tr>
</tbody>
</table>

![Diagram showing the integration process](image.png)
Fast Auth Mobile SDK

Fast Auth MFA methods integration or customization

**SDK Signature**
- Push notification for transaction and data signature
- Input less QR signature
- Input less deep-link signature for mobile

**SDK Authentication**
- Passwordless QR
- Passwordless deep-link for mobile
- Push notification authentication
- OTP

**SDK Registration/On boarding**
- OTA registration
- QR registration
- Deep link (sms link) registration
- Manual registration with temporary reg code

Can be included for any iOS and Android device
Native SDKs + Xamarin

Can be included for any iOS and Android device
Native SDKs + Xamarin
Virtual & Backup tokens

Convenient to every context

Virtual tokens:
- No need to install an application
- SMS / Email passcodes / Phone call
- Support of failover for high availability to guarantee message delivery

Backup tokens:
- For temporary users
- In case of urgent need for access (token or device not available or lost)
- With expiration and and/or number of attempts
- Can be configured by system administrator
- Same back-up token license can be reused for different users
Safewalk Server

Rich functionality, Intuitive, Simple

- Simple and automatic user provisioning
- Role based settings, multi-level configuration
- Groups support and AD groups mapping
- Scalable with High Availability
- Mobile provisioning & authenticators settings
- Automatic association rules
- Self-contained (Linux)
Safewalk Server

Broad MFA & integration scenarios

- SSO, Radius, SAML, API, AD FS
- Virtual Desktop Infrastructure (VDI)
- VPN, VPN/SSL and Firewall access
- AD & AD FS MFA Plug-In for smooth SSO integration with SharePoint, Office365 and many more
- Windows desktops and servers (including RDP & RDS)
- Windows Logon Credentials Provider for Desktop Authentication & Remote Access
- RDWeb/OWA and any ASP.Net form Application
- Multiple AD/LDAP Directory servers & internal users

.....and many more
Safewalk server Restful OAuth2 API

We address all your authentication needs

Safewalk OAuth2/RESTful API

All Safewalk authentication procedures as well as user provisioning, helpdesk & higher-level management procedures are exposed through a role-based OAuth2/RESTful API.

Management Console

A web-based interface that provides role-based access to manage users, authentication settings, view transactions, reports and more. The main idea of this interface is to provide access for helpdesk personnel or system administrators to perform tasks that are needed frequently but has no system-wide impact.

Self-Service Portal

A web-based interface that provides access to end users to reset their LDAP/AD passwords and to manually register their authentication device.

Flexible functionality extension, automation, customization or use of Safewalk server services from other applications.

All actions that are performed on Safewalk server consoles are exposed through Safewalk OAuth2/RESTful API. It allows to implement and automate its own procedures without using the management console directly.
Choice of configuration & Business models

We are flexible to fit with your context and needs

- **Saas** (Swiss hosted service operated by Swisscom)
- **On Premise**
- **Private Cloud** (Azur, Amazon, Swisscom or other)
- **Managed services** (On premise & Cloud)

- Perpetual license/user + yearly maintenance & support (18%)
- Monthly subscription all in
- Pay per use (for large volumes of users and/or occasional users)