

# Secure VPN Access

Virtual Private Network



## Secure VPN access using a mobile phone

FireID is a leading two-factor authentication solution, providing organisations with a simple, user-friendly and cost-effective solution for secure access to virtual private networks and many other applications such as online banking.

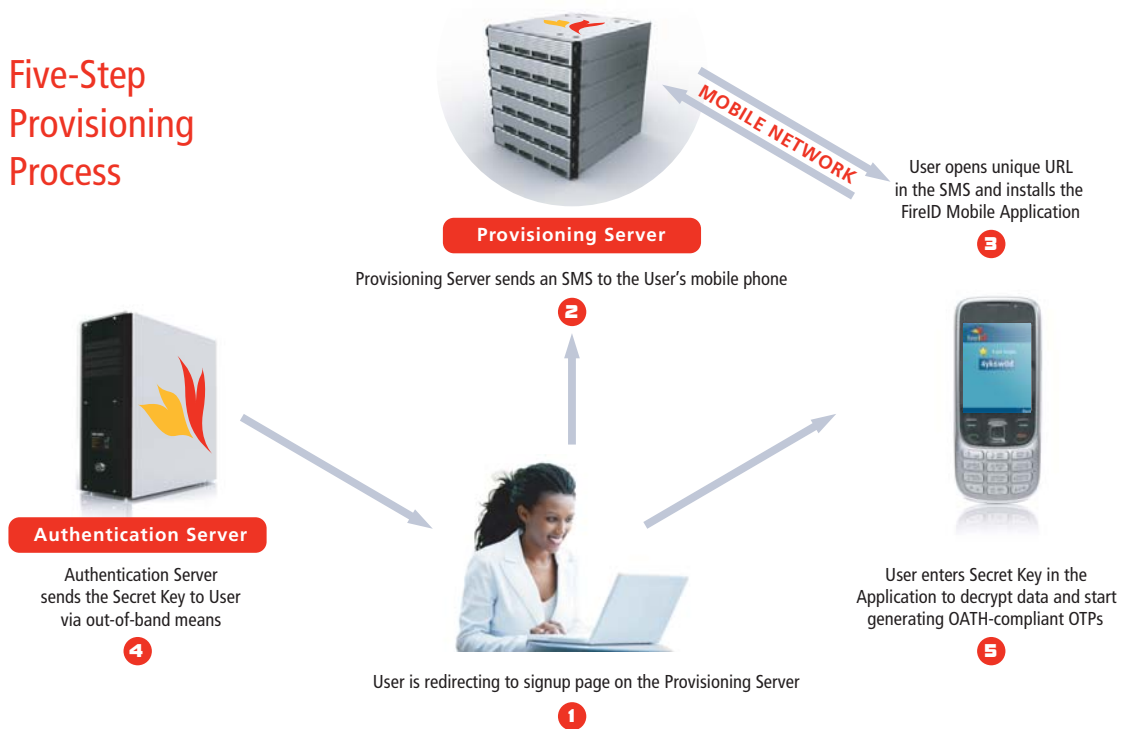
“The value added benefits offered by FireID’s solution outweigh the benefits offered by hardware tokens or SMS-based authentication solutions.” – Sampath Achyuthanandan, Research Analyst, Technical Insights, Frost & Sullivan

FireID offers a cost-effective solution that is more simple to provision and manage than conventional solutions. FireID is easy to brand, allows for multiple tokens and has a management and reporting interface, which facilitates the process.

## Why Soft Tokens?

- No hardware distribution and management costs
- No hardware device cost
- Low total cost of ownership
- Quick and easy to deploy to large unseen user-base
- Simple implementation
- AD Integration
- Highly scalable
- Secure and convenient as mobile phone is constantly in users possession

## Five-Step Provisioning Process



## How does FireID work?

A random one-time-password is generated by the FireID application on the user's mobile phone. The user then types the one-time password into the application he or she wishes to access. The FireID software verifies the one-time password. Finally, the request is approved and the user is free to login to the application or VPN. As soon as the user logs in, the one-time password expires and cannot be used again.

## Compliance

Concerns about corporate fraud and unauthorised access to private information are driving the expansion and evolution of industry security regulations worldwide.

By using FireID's innovative authentication solution, organisations are assisted in mitigating the risk of non-compliance by reducing the threat of unauthorised access.

## MAKING VPN ACCESS SAFER WITH FIREID

- Strong integration to VPN appliances such as Cisco and Juniper
- Unique build for virtually any mobile phone
- Generates a one-time password out-of-band when user requires VPN login
- Easy brand customisation of mobile tokens
- Additional tokens (with custom branding) are easily rolled out for multiple services
- Works with existing OATH-compliant authentication servers

## Authentication Server Architecture

