



IDProve **300**

Out-of-Band Mobile Token

Fully secure, fully configurable and user friendly Mobile OTP



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Gemalto's IDProve one-touch user experience for strong authentication allows businesses to leverage the security of one-time passwords (OTPs) using mobile phones. Users simply press the Send Passcode button on the mobile device and secure access to enterprise resources is granted.

Gemalto's Out-of-Band (OOB) authentication provides two separate channels which are accessed simultaneously to authenticate in an easier, more secure way.

The Protiva IDProve Mobile offer includes:

Mobile IDProve Token application:

- > A mobile soft token, time-based OTP application to secure authentication operations in the same way as hardware tokens
- > Fully customizable for branding, colors, fonts, language and functions
- > Out-of-the-box solution that is future proof and follows a clear road-map that ensures regular security and usability improvements

IDConfirm 1000 Server:

- > OTP validation server
- > Mobile enrollment and provisioning using QR code
- > Mobile OTP settings and policy management

Clear Advantages:

- > User-friendly and convenient mobile OTP: No additional hardware to carry
- > Get the advantages of mobility with the appropriate security level
- > Optimizes total cost of ownership of security
- > State-of-the-art security implementation (device fingerprint, jailbreak and rooting detection, secure personalization and storage)
- > Easy to deploy and manage and fully configurable (PIN policy, etc)
- > Customer branding for mobile tokens

TECHNICAL SPECIFICATIONS

Enhanced Features:

- > One-time password (OATH TOTP time based)
- > PIN protection (4 to 8 digits)
- > PIN change option
- > No PIN option
- > Brute Force and After Theft attacks resistant

Supported Platforms:

- > iOS (5.X and above)
- > Android (2.x and 4.x)
- > Windows Phone (7.5, 7.8 and 8.0)

Ultimate user experience for IDProve Mobile OTP token activation and use

Activating the mobile token is completed in four easy steps.

To generate an OTP, the user simply accesses the mobile app and, if required, enters his set PIN code.

That OTP is then used as a service login credential:

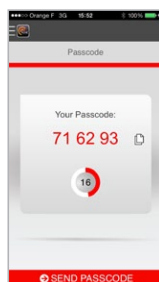
- > User can enter OTP code on service login page or
- > Use one-touch user frictionless OOB strong authentication (the user enters the user ID and

password. The service will then wait for a secondary OOB OTP authentication in order to grant access. The user accesses the mobile app and selects Send Passcode in order to login to the service. The app sends the OTP to the service and access is granted).

Mobile token customization

Gemalto's mobile token can be fully customized to fit the look and feel, features, and settings you specify. Our powerful configuration engine allows easy customization of:

- > Localized strings
 - Application detects phone language, English by default
 - Add any additional language
- > Colors
- > Graphical assets: company logo, splash screen, fonts, etc.



The secret keys are then concealed in a software container locked with multi-layer encryption using platform independent techniques to ensure they are not vulnerable to potential operating system weaknesses. Gemalto combines this with platform-specific encryption to guarantee each system provides the highest level of security possible.

Providing malware-resistant solutions requires expertise and proper implementation to reduce the risks from security flaws that may leave doors open for a potential attack. This is why Gemalto continuously works with independent mobile security experts to perform audits of the solution and ensure our customers that we have followed the best security practice.

The Security Difference

Advanced security

The IDProve 300 Mobile app takes full advantage of Gemalto's unrivalled experience in digital security. Secret keys are securely transferred from our Enrolment and Provisioning Server using a secured protocol which guarantees end-to-end protection across all platforms – security is not compromised by weak or badly configured TLS connections.

Gemalto delivers a solution that is proven resistant against known of Brute Force or After Theft attacks and provides advanced protection against malware.

GEMALTO (Euronext NL0000400653 GTO) is the world leader in digital security with 2012 annual revenues of €2.2 billion and more than 10,000 employees operating out of 83 offices and 13 Research & Development centers, located in 43 countries. We are at the heart of the rapidly evolving digital society. Billions of people worldwide increasingly want the freedom to communicate, travel, shop, bank, entertain and work – anytime, everywhere – in ways that are enjoyable and safe. Our innovations enable our clients to offer trusted and convenient digital services to billions of individuals. Gemalto thrives with the growing number of people using its solutions to interact with the digital and wireless world.

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