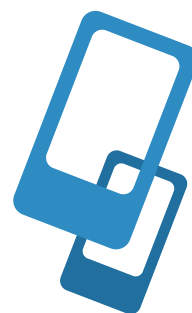


viafirma  
mobile



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universal signature



## Viafirma Mobile mobile electronic signature

The main electronic signature platforms of market, like Viafirma Platform, allow to provide authentication and electronic signature features to Web and desktop applications they integrate with. In this traditional scenario users access from their computer with web browsers (or desktop applications) to applications provided with digital signature.

However, more and more users are interacting with systems information through mobile devices: smartphones, tablets... that is why electronic signature is needed on mobile devices. The answer lies in the capacity of the Viafirma Mobile ecosystem, composed by Viafirma Platform and a set of electronic signature clients for most of the mobile operating systems and published for free in mobile applications markets.

You can watch videos related to Viafirma Mobile at Viafirma's Youtube channel: [www.youtube.com/viafirma](http://www.youtube.com/viafirma).

### Features

- ▶ **No license fees or further developments.** Any application which is integrated with a Viafirma Platform 3.0 version or higher, allows authentication and electronic signature directly from mobile devices. It is not required the acquisition of any additional license to the Viafirma's server. Similarly, any application integrated with Viafirma's cloud services (cloud computing), inherits Viafirma's mobile signature capability.
- ▶ **Free for end users.** Viafirma's electronic signing applications are published for free in the existing applications markets: Apple Store, Android Market, Windows MarketPlace, etc..
- ▶ **Multidevice.** Currently supports electronic signatures for Apple iOS (including iPhone 3G, iPhone 3GS, iPhone 4, iPad, iPod Touch, etc..), Android, BlackBerry and Windows Phone.
- ▶ **Advanced electronic signature.** The electronic signature is generated within the mobile device, with a digital certificate software resident therein; not done any digital signature in middleware.
- ▶ **Fully support of signature formats.** It supports electronic signatures formats such as CMS/PKCS#7, XMLDSig, XAdES (leading to long-lived signature profiles as X-L or A), PDF Signature, and so on.
- ▶ **Electronic invoices signing.** It supports e-invoice electronic signature formats within the mobile devices.
- ▶ **Fully support for signing forms.** Simple electronic signature (one signing user, one file to sign), batch electronic signature (one signing user, several files to sign, one single signing output file), multi-signing (multiple signing users, a single file to sign, a single signing output file), batched multi-signing (multiple signing users, several files to sign, one single signing output file) and even loop signature of files independently (one or more signing users to sign N files, N signing output files -one for each file to sign-).
- ▶ **Multi-CA support.** Authentication operations are supported and digital signing on mobile devices with certificates from as many Certification Authorities as Viafirma Platform support.
- ▶ **Multi-language interface.** Viafirma's mobile clients allow the internationalization of its interface texts. Automatic updates. It is reported automatically to users the potential signing client updates for the mobile operating systems.
- ▶ **Worldwide reference.** Currently there is no other electronic signature platform with advanced electronic signature clients published in open markets like Windows
- ▶ **MarketPlace** and we were the first ones to publish a advanced electronic signature client at other markets as **App Store** or **Android Market**.

## The Smartphones Impact

- ▶ The acquisition of **smartphones** such as Apple iPhone, Android phones as Google Nexus One or Samsung Galaxy S, BlackBerry devices, Symbian v3, Windows Phone 7, etc., increases exponentially in all over the world. The end user consumes more and more services from his mobile device: email, IP messaging, social networks, online shopping, electronic payment , VoIP telephony and video call, media, geolocation systems, streaming audio and video, mashups ... virtually any service or web platform provides, or is in the process of this, support for complete interaction from a smartphone.
- ▶ Besides this global impact since 2010, a strong entry into the **market of touch tablet** (iPad, Android tablets, etc.) must to be under consideration. They have even displace the sales of netbooks and laptops.
- ▶ Web platforms equipped with **electronic signature capabilities with digital certificates** are not beyond this change of users behavior and should therefore support the advanced electronic signature on mobile devices. Any platform of this nature is likely to use Viafirma Mobile as the main mobile electronic signature worldwide reference.

## Scenarios

Here it is a set of possible scenarios of usage, although any digital **signature platform** is in this range.

- ▶ **m-government.** The m-government (mobile government) is the evolution of the Electronic Administration or electronic government (e-government) to allow the usage from mobile devices. In this way the government put their eGovernment systems available to users mobile devices, offering a new channel of interaction that is ideally suited to the new citizenship behavior. The e-government is closely related to electronic signature, so that it is essential a mobile electronic signature solution as Viafirma Platform.
- ▶ **Mobile electronic invoice.** Electronic invoices can be digitally signed from any location with a mobile terminal.
- ▶ **Electronic signature workflow management platform.** The mobile electronic signature allows users of these applications to electronic sign and to approve signatures ubiquitously, streamlining business processes. Within the Viafirma's suite of products is provided this "electronic signature holder" solution called Viafirma Inbox, with a particular interface adapted to provide fully support for mobile devices.
- ▶ **Mobile electronic banking,** it is able to perform operations on mobile devices with legal validity and high safety.
- ▶ **Electronic voting from mobile devices.**
- ▶ **Means of payment.**
- ▶ **On-site services** (meter reading, field reports, fines ...).
- ▶ In general, **any solution which have electronic signing is capable of allowing its full interaction from mobile devices.**



**viafirma**  
universal signature

Viafirma is an **innovative** and different company formed by a young team whose passion is **developing technological applications** based on **Authentication and Digital Signature services**.

We have **extensive experience** in digital telecommunications business that has helped us out to understand what clients' needs are and how to face them appropriately.

Our company goes a step ahead in **quality and innovation** and our mission is **satisfying the client's needs** by offering products and services that are in **constant evolution**.

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