

viafirma  
inbox



 Technical Information



viafirma  
universal signature



# Viafirma Inbox

## Technical Information

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- ▶ **Application developed** in the JBoss Seam Framework based on the Java EE architecture.
- ▶ Built with **Apache Maven**, self-compiling and automatic deployment solution with constant **Hudson integration**.
- ▶ **Multi-platform** system able to be deployed in any operative system (Linux and UNIX are recommended) and in any applications server (as Tomcat, JBoss, IBM Webpsphere AS, Weblogic, Glassfish, etc.).
- ▶ Persistence layer independency through **Hibernate**. It supports an important number of Relational Database Management System (RDMS) like Oracle (9i, 10g, etc), PostgreSQL, MySQL, MicrosoftSQLServer, IBM DB2 UDB..
- ▶ Use of **RIA techniques** (Rich Internet Applications): Ajax, jQuery... to improve user experience.
- ▶ Web-based visual tool for **workflows design** of signature based on JQuery, with components drag & drop functionalities in the screen.
- ▶ **100% configurable**: the platform allows configuring its behavior of several features. It has different configuration profiles and also many methods to export the configuration.
- ▶ **Visual installer** and visual support of the platform updates.
- ▶ **100% integrated** with **Viafirma Platform**, our electronic signature platform.
- ▶ **Configurable authentication mechanism**. The authentication is possible either with digital certificate or user and password.
- ▶ **Configurable option** of **automatic users** login (self-registration). If wanted, the administrator can choose to validate the registration.
- ▶ It **supports the signatures request forwarding** to non registered users' email accounts. The user will be registered at the moment she/he access to the system for first time.



- ▶ It **supports advanced signatures** formats such as XAdES (EPES, time stamping support -T- or even formats of long-lived signature like X-L or A) or PDF/A.
- ▶ It **supports basic signature**, batch process signatures, multi-signature of a single file, multi-signature and lots multi-signature.
- ▶ It has an **API Web Services** (SOA) for the system integration with thirds. This API has the following features:
  - **Securized**: with authentication in HTTP WS-Security header. This feature can be activated/ defused under configuration.
  - The credentials are subjected to be **managed** from the application.
  - It **supports the main platform functionalities** such as executing signing operations, workflows association, request's state tracking, signatories tracking, etc.
  - **Integration** with **LDAP** for users synchronization and to recover users personal data
  - It has an **integration kit** formed by manual integration, technical documentation about API WSDL, and open code applications of example in Java and .NET. Besides, it also offers a test server in cloud computing to access for free.
- ▶ **Conversion of multi format documents to PDF** documents with the integration with the OpenOffice service. The conversion can be activated or defused.
- ▶ **Self- tracking console** of the platform state. This component notifies and shows the connectivity errors to services such as OpenOffice, ECM, databases, email servers, LDAP, etc. It includes an alert for incoming errors.
- ▶ It has a **module for signatures verification** that includes services of custody recovering, configurable access (public, private, controlled by user/password or certificate, etc). This module is activated /defused under configuration.
- ▶ **100% usable** from any mobile device (authentication with certificates and digital signature within the device):
  - **iPad/iPhone**: Viafirma is offered by the Apple Store as a free application.
  - **Android**: Viafirma is available in the Android Market as a free application.
  - **Blackberry**: the application is embedded in the own system of Viafirma Inbox.
- ▶ **Support for graphic skins**. The interface is fully customizable to the client image.
- ▶ It has a **module to surf files** in ECM repositories that support the CMIS standard (Documentum, Alfresco, Nuexo, OBM Filenet, MS SharePoint, etc.).
- ▶ **Customizable** service of files custody.
- ▶ Service to **pre-visualize** PDF files through IcePDF Viewer.
- ▶ **Advanced audit service** that stores the events that happened in the platform.

## OTHER FUNCTIONALITIES

- ▶ **Advanced workflows management** that allows executing serial signature; parallel signature; management of standardized rejection reasons; etc.
- ▶ It includes a **Calendar with task management** function.
- ▶ **Advanced requests classification**: new, pending, rejected, personalized...
- ▶ **Automatic login** of users with verification service.
- ▶ **Contextual help**.



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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**.

#### viafirma

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