



SISTRA - ARCHITECTURE

Code: SISTRA-ARQ



**Govern
de les Illes Balears**



Unión Europea

Fondo Europeo de
Desarrollo Regional

SISTRA - ARQUITECTURA

DOCUMENT CONTROL SHEET

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Version 6	

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Version	Pages	Reason for change
1	27	Document Creation
2	27	Update
3	27	Review of webservices and explicit authentication plug-in
4	25	New warnings/notifications generation module inbantelfront New custody plug-in
5	27	New delegation module New document management plug-in Revision of webservices Services v2
6	27	Disk storage in REDOSE

DISTRIBUTION OF DOCUMENT

Name	Staff

DOCUMENT CONTROL

PREPARATION	REVISED / APPROVED	ACCEPTED	ACCEPTED
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Customers only

SISTRA - ARQUITECTURA

INDEX

1. INTRODUCTION	4
2. SISTRA ARCHITECTURE	5
2.1. FUNCTIONALITIES	5
2.2. SUBCLASS	6
2.3. ACTORS	7
2.4. PLATFORM MODULES	8
2.4.1. SISTRA	9
2.4.2. FORMS	11
2.4.3. REDOSE	12
2.4.4. REGTEL	14
2.4.5. BANTEL	14
2.4.6. ZONAPER	17
2.4.7. AUDITA	19
2.4.8. MOBTRATEL	20
2.5. USED TECHNOLOGIES	21
3. INTEGRATION ORGANIZATION	22
3.1. CORPORATE IMAGE	22
3.2. CONNECTION PLUG-INS WITH ORGANIZATION	22
3.3. INTEGRATION WITH MANAGEMENT APPLICATIONS	23
3.3.1. <i>Offered services</i>	23
3.3.2. <i>Invoked services</i>	27

SISTRA - ARQUITECTURA

1. Introduction

This document describes telematic processing platform architecture (SISTRA) developed by Govern de les Illes Balears and at Balearic institutions disposal.

Its purpose is to allow citizens to perform telematic processes avoiding trips and speeding up management procedures. A process may consist of one or more forms, electronic documents or files to attach, with the possibility of accessing to online payment. Moreover, the system has a persistence mechanism storing data until user decides to send it allowing process fulfillment in different sessions.

Citizen access can be done in different ways: digital certificate, user/password and anonymous. Platform will control action flow to perform depending on selected way.

The platform allows integration with existing management systems, enabling automatic data inclusion from these telematic processes. Furthermore, this platform allows telematic notification shipment to citizens by management systems through citizen personal area as well as email and SMS alert shipment.

SISTRA has different customizable plug-ins by each organization to integrate the platform with different particular solutions from each organization (authentication, input/output registry, telematic payment and SMS shipment). So, an organization must develop connection plug-ins with their systems to implement SISTRA.

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2. SISTRA architecture

2.1. Functionalities

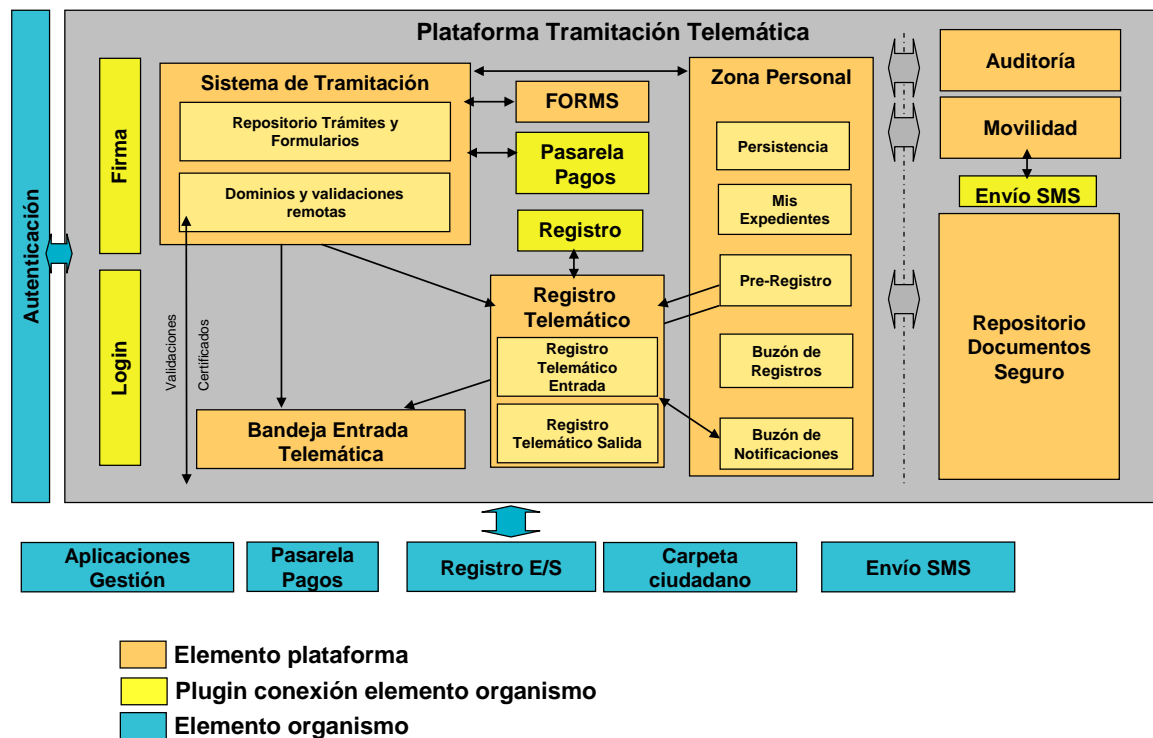
Main features of SISTRA are:

- Different accessing ways: digital certificate, user/password and anonymous.
- Intelligent forms with direct validations on management systems.
- Binary file attachment.
- Digital signature (@firma and signaturaCAIB are supported).
- Telematic payment integrated with defined solution by each organization for its payment management.
- It implements different processing circuits:
 - o Registry: request goes through input registry passing to manager box later.
 - o Box: request doesn't go through input registry and it passes directly to manager box.
 - o Preregistration: request consists of two phases: telematic presentation of information and in person presentation of required documentation.
 - o Print assistant: citizen fills request forms through smart forms to be printed in order to deliver them in person.
 - o Query: citizen can access customized information (certificates, etc.) after filling a data form.
- Correcting or document provision processes notified through telematic notifications.
- Personal user area with personal data and various processes he carries out with the organization. It is also the access point to his telematic notifications.
- Delegation can be activated for an entity in personal area so that an entity representative is named who can designate other delegated people. Delegates may perform processes on behalf of the entity. In addition, a signature mini-box is enabled to allow delegates to sign documents belonging to processes.
- Implementation of manager box allowing its integration with management systems for automatic processing of requests.
- Programming email and SMS shipments.
- Platform usage statistics.

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2.2. Subclass

SISTRA architecture scheme is shown in next figure. Different platform elements, organization particular elements and plug-in to connect the platform with organization particular elements appear in different color.



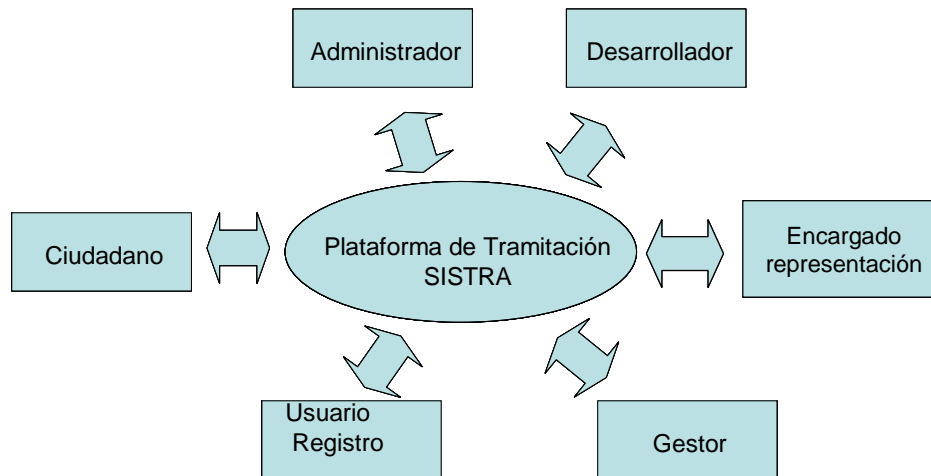
Platform elements		
Processing System	SISTRA	Process definition and processing assistant logic
Forms Manager	FORMS	Smart form definition
Personal Zone	ZONAPER	It contains citizen data (processes, records, etc.)
Insurance Documents Repository	REDOSE	It stores documents involved in procedure (forms, annexs, etc.). Other modules will work with references to documents.
Online Register	REGTEL	It implements telematic registry layer on I/O registry.
Telematics Input Tray	BANTEL	Processing assistant puts performed processes to be processed by management applications.
Audit	AUDITA	Usage and processing statistics
Mobility	MOBTRATEL	Module for scheduled shipment of emails and SMS

Body elements	
Authentication	Organization authentication system.
Applications management	Processing management applications
Payments Gateway	Gateway for telematic payments
Register E / S	Input/output registry
Folder citizen	Folder citizen.
SMS Shipping	SMS shipment gateway

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2.3. Actors

Following figure shows platform interaction with different involved actors:



Citizen	He uses Processing Platform through Processing Assistant and he goes to his personal area to access his data (performed processes, telematic notifications, records, etc.)
Developer	He uses Processing Platform to define processes in SISTRA module and forms in FORMS module, all in development environment. As result, he will obtain a process load log with necessary export files that will be send to Administrator for passing the process to production.
Administrator	He is responsible for putting processes sent by the Developer into production and setting up different platform modules (access to domains, access to management applications, etc.)
Registry	There are processes requiring in person documentation delivery. A pre-registration scheme is enabled for these processes. Once documentation is delivered in person in a registry point, pre-registration is confirmed passing the process to the Telematic Box.
Manager	The manager or Management application collects processes in Telematic Box and processes it
Person in charge of representation	Person in charge of enabling delegation against an entity and designate a representative of it. It will be responsible of assigning representation power according to organization rules. When delegation on an entity is enabled, it allows that other people process on behalf of the entity.

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2.4. Platform modules

Next table shows different platform modules:

<u>SISTRA</u>	SISTRABACK	Used by Developer for telematic process definition (development environment). Used by Administrator for process import formalities and domain configuration (pre-production and production environments).
	SISTRAFRONT	Used by Citizen to access to <i>Processing Assistant</i> .
	SISTRAADMIN	Used by Administrator to audit load logs.
	SISTRALISTAR	Used by Developer to display process list and it allows to initiate them and as opening them. Application context is "tramites".
<u>FORMS</u>	FORMADMIN	Used by Developer (development environment) and Administrator (pre-production and production environments) for configuring Forms.
	FORMBACK	Used by Developer to define forms (development environment). Used by Administrator to import forms (pre-production and production environments).
	FORMFRONT	Used by Developer to test and fulfill forms that later will be invoked directly from <i>Processing Assistant</i> used by citizen.
<u>REDOSE</u>	REDOSEBACK	Used by Administrator for RDS configuration: document model definition, templates, etc.
	REDOSEFRONT	Module for validating printed documents using a verifier barcode.
<u>BANTEL</u>	BANTELBACK	Used by Administrator to configure BANTEL: definition of managers and access to processes, warning procedure of processes, etc.
	BANTELFRONT	Used by Manager User as visual interface to access to <i>Telematic Input Box</i> . This interface is designed for those processes in which Management Application is not integrated with <i>Telematic Input Box</i> , preventing automatic processing of performed processes. A module allows manager to manually publish records in citizen personal area citizens and generate warnings and notifications
<u>ZONAPER</u>	ZONAPERBACK	Used by Input Registry User for pre-registrations confirm.
	ZONAPERFRONT	Used by Citizen to access to his <i>processing folder</i> , from which you have access to performed processes, telematic notifications, records, etc.
	ZONAPERDELEGA	Used by Person in charge of representation to enable delegation on an entity and designated his representative.
	ZONAPERHELPDESK	Module used by Helpdesk for processing troubleshooting resolution (loss of processing key, see process status, etc.)
<u>AUDITA</u>	AUDITFRONT	Used by User Manager to access to usage statistics of <i>Telematics Processing Platform</i> .
<u>MOBTRATEL</u>	MOBTRATELBACK	Used by Administrator to configure different shipment accounts of mobility module.
	MOBTRATELFRONT	Used by Manager User as visual interface for performing SMS and emails scheduled shipments to citizens.

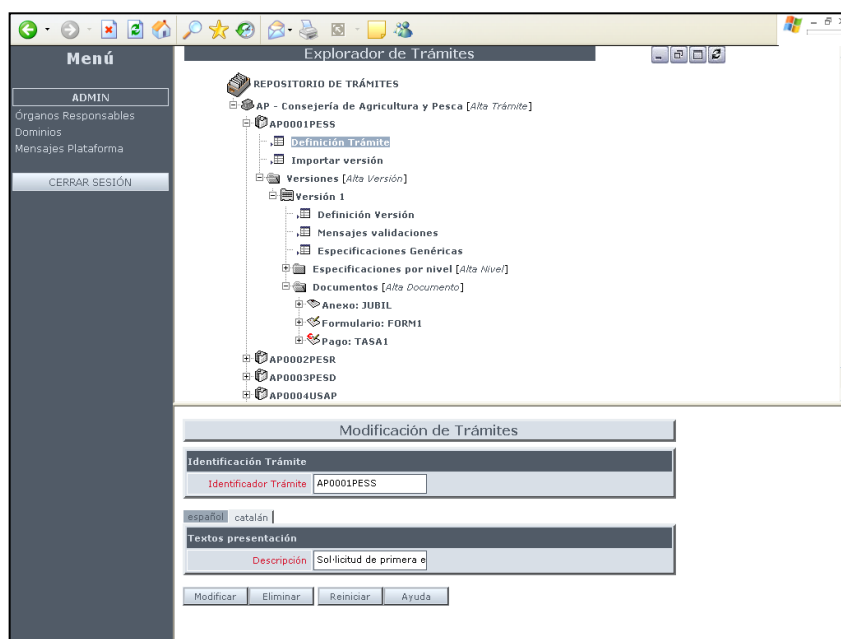
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2.4.1. SISTRA

This module provides a tool that allows definition of new processes. For each process, it's possible to define forms to fulfill, annexes to deliver, taxes to pay, etc.

It also allows detail logic customization for each process through control scripts (fi startup validations, obligatory nature control for a form, etc.)

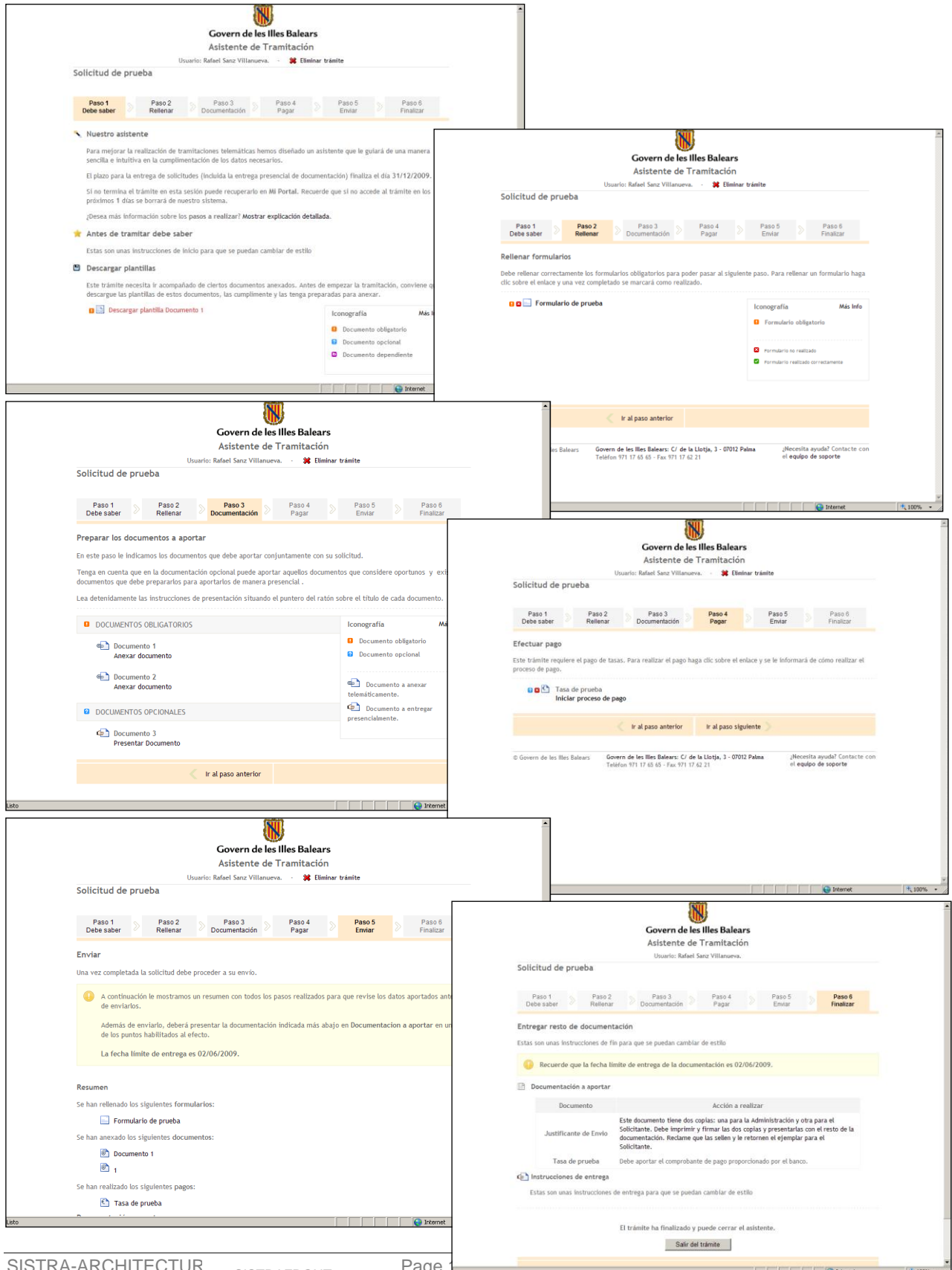
This tool allows process versioning and process packing in a XML file to import in different environments (development, preproduction and production).



SISTRABACK

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An assistant is presented to the citizen guiding him in different processing steps according to the information defined by previous tool.



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Asistente de Tramitación
Usuario: Rafael Sanz Villanueva. [✖ Eliminar trámite](#)

Solicitud de prueba

Paso 1 Debe saber > Paso 2 Rellenar > Paso 3 Documentación > Paso 4 Pagar > Paso 5 Enviar > Paso 6 Finalizar

Nuestro asistente

Para mejorar la realización de tramitaciones telemáticas hemos diseñado un asistente que le guiará de una manera sencilla e intuitiva en la cumplimentación de los datos necesarios.

El plazo para la entrega de solicitudes (incluida la entrega presencial de documentación) finaliza el día 31/12/2009. Si no termina el trámite en esta sesión puede recuperarlo en Mi Portal. Recuerde que si no accede al trámite en los próximos 1 días se borrará de nuestro sistema.

¿Desea más información sobre los pasos a realizar? [Mostrar explicación detallada.](#)

★ **Antes de tramitar debe saber**

Estas son unas instrucciones de inicio para que se puedan cambiar de estilo

📄 **Descargar plantillas**

Este trámite necesita ir acompañado de ciertos documentos anexados. Antes de empezar la tramitación, conviene que descargue las plantillas de estos documentos, las cumplimente y las tenga preparadas para anexas.

📄 [Descargar plantilla Documento 1](#)

Iconografía Más info

- 📄 Documento obligatorio
- 📄 Documento opcional
- 📄 Documento dependiente

Rellenar formularios

Debe rellenar correctamente los formularios obligatorios para poder pasar al siguiente paso. Para rellenar un formulario haga clic sobre el enlace y una vez completado se marcará como realizado.

📄 **Formulario de prueba**

Iconografía Más info

- 📄 Formulario obligatorio
- 📄 Formulario no realizado
- 📄 Formulario realizado correctamente

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Solicitud de prueba

Paso 1 Debe saber > Paso 2 Rellenar > Paso 3 Documentación > Paso 4 Pagar > Paso 5 Enviar > Paso 6 Finalizar

Preparar los documentos a aportar

En este paso le indicamos los documentos que debe aportar conjuntamente con su solicitud.

Tenga en cuenta que en la documentación opcional puede aportar aquellos documentos que considere oportunos y exta documentos que debe prepararlos para aportarlos de manera presencial.

Lea detenidamente las instrucciones de presentación situando el puntero del ratón sobre el título de cada documento.

📄 **DOCUMENTOS OBLIGATORIOS**

Iconografía Más info

- 📄 Documento obligatorio
- 📄 Documento opcional
- 📄 Documento a anexar telemáticamente.
- 📄 Documento a entregar presencialmente.

📄 Documento 1
Anexar documento

📄 Documento 2
Anexar documento

📄 **DOCUMENTOS OPCIONALES**

📄 Documento 3
Presentar Documento

[Ir al paso anterior](#)

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Solicitud de prueba

Paso 1 Debe saber > Paso 2 Rellenar > Paso 3 Documentación > Paso 4 Pagar > Paso 5 Enviar > Paso 6 Finalizar

Efectuar pago

Este trámite requiere el pago de tasas. Para realizar el pago haga clic sobre el enlace y se le informará de cómo realizar el proceso de pago.

📄 **Tasa de prueba**
[Iniciar proceso de pago](#)

[Ir al paso anterior](#) [Ir al paso siguiente](#)

© Govern de les Illes Balears Govern de les Illes Balears: C/ de la Llotja, 3 - 07012 Palma
Teléfono 971 17 65 65 - Fax 971 17 62 21 ¿Necesita ayuda? Contacte con el equipo de soporte

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Solicitud de prueba

Paso 1 Debe saber > Paso 2 Rellenar > Paso 3 Documentación > Paso 4 Pagar > Paso 5 Enviar > Paso 6 Finalizar

Enviar

Una vez completada la solicitud debe proceder a su envío.

⚠ A continuación le mostramos un resumen con todos los pasos realizados para que revise los datos aportados antes de enviarlos.

Además de enviarlo, deberá presentar la documentación indicada más abajo en Documentación a aportar en un de los puntos habilitados al efecto.

La fecha límite de entrega es 02/06/2009.

Resumen

Se han rellenado los siguientes formularios:

- 📄 Formulario de prueba

Se han anexado los siguientes documentos:

- 📄 Documento 1
- 📄 1

Se han realizado los siguientes pagos:

- 📄 Tasa de prueba

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Solicitud de prueba

Paso 1 Debe saber > Paso 2 Rellenar > Paso 3 Documentación > Paso 4 Pagar > Paso 5 Enviar > Paso 6 Finalizar

Entregar resto de documentación

Estas son unas instrucciones de fin para que se puedan cambiar de estilo

⚠ Recuerde que la fecha límite de entrega de la documentación es 02/06/2009.

📄 **Documentación a aportar**

Documento	Acción a realizar
Justificante de Envío	Este documento tiene dos copias: una para la Administración y otra para el Solicitante. Debe imprimir y firmar las dos copias y presentarlas con el resto de la documentación. Recíame que las sellen y le retornen el ejemplar para el Solicitante.
Tasa de prueba	Debe aportar el comprobante de pago proporcionado por el banco.

📄 **Instrucciones de entrega**

Estas son unas instrucciones de entrega para que se puedan cambiar de estilo

El trámite ha finalizado y puede cerrar el asistente.

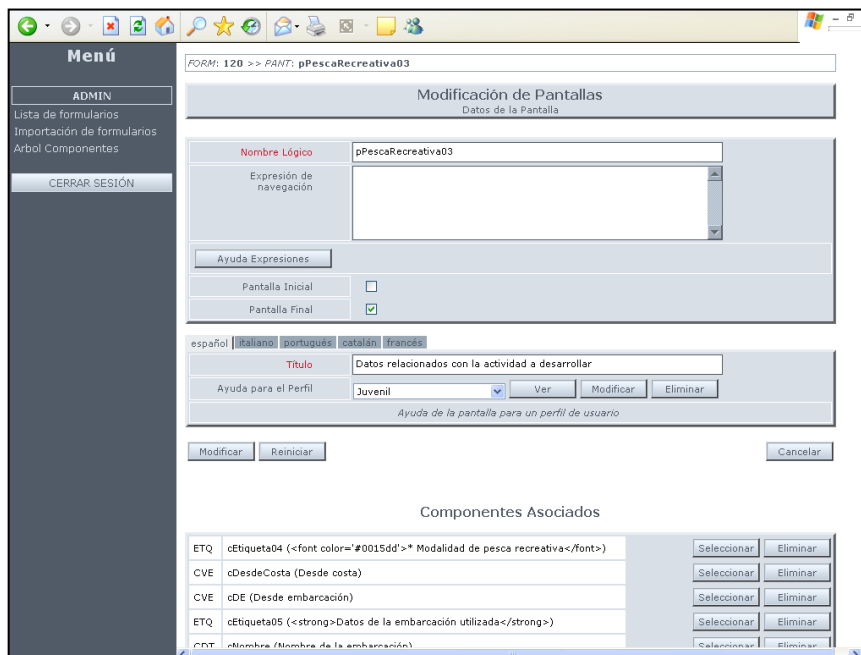
[Salir del trámite](#)

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2.4.2. FORMS

This tool generates Web forms to be used by processing assistant when data should be entered into a form.

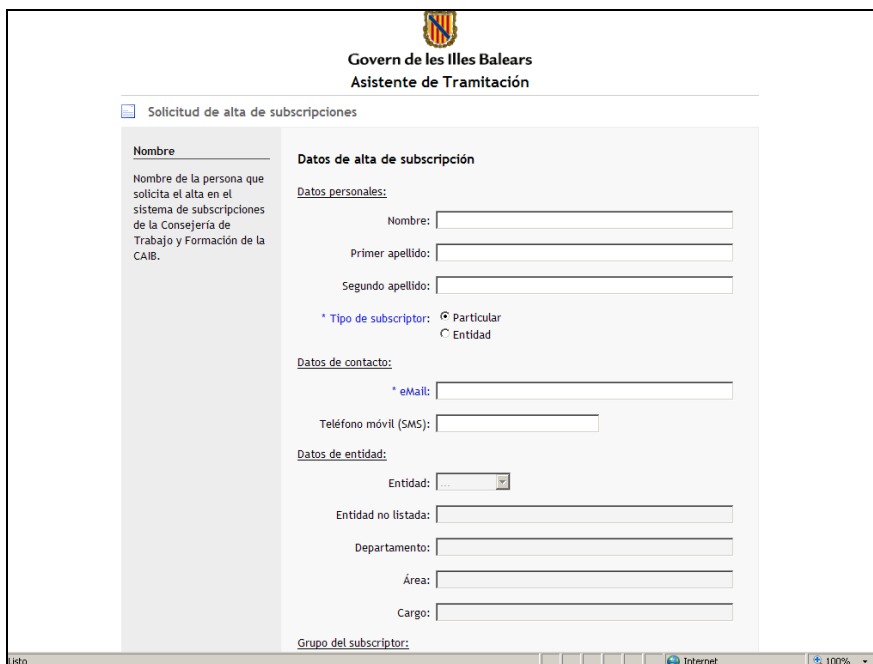
This tool allows to split input form in several screens containing different fields for data entry (text field, value lists, verification field, etc.). It's possible to associate scripts to each fields allowing navigation logic control, verification, auto calculation between fields, etc.



The screenshot shows the 'FORMBACK' interface for configuring a web form. The main window is titled 'Modificación de Pantallas' (Modification of Screens) and 'Datos de la Pantalla' (Screen Data). The form is identified as 'FORM: 120 >> PANT: pPescaRecreativa03'. The configuration includes fields for 'Nombre Lógico' (Logical Name) set to 'pPescaRecreativa03', 'Expresión de navegación' (Navigation Expression), and checkboxes for 'Pantalla Inicial' (Initial Screen) and 'Pantalla Final' (Final Screen). There are also buttons for 'Ayuda Expresiones' (Help Expressions), 'Modificar' (Modify), 'Reiniciar' (Reset), and 'Cancelar' (Cancel). Below the main form, there is a section 'Componentes Asociados' (Associated Components) with a table listing components and their associated actions.

Componente	Descripción	Acciones
ETQ	cEtiqueta04 (* Modalidad de pesca recreativa)	Seleccionar, Eliminar
CVE	cDesdeCosta (Desde costa)	Seleccionar, Eliminar
CVE	cDE (Desde embarcación)	Seleccionar, Eliminar
ETQ	cEtiqueta05 (Datos de la embarcación utilizada)	Seleccionar, Eliminar
COT	cNombre (Nombre de la embarcación)	Seleccionar, Eliminar

Formback



The screenshot shows the 'FORMFRONT' interface for a subscription request. The form is titled 'Solicitud de alta de subscripciones' (Subscription Request) and is part of the 'Asistente de Tramitación' (Processing Assistant) for the 'Govern de les Illes Balears'. The form is divided into two main sections: 'Nombre' (Name) and 'Datos de alta de subscripción' (Subscription Data). The 'Nombre' section includes a text field for the name and a description of the system. The 'Datos de alta de subscripción' section includes fields for 'Datos personales' (Personal Data) such as 'Nombre', 'Primer apellido', and 'Segundo apellido', and 'Datos de contacto' (Contact Data) such as 'eMail' and 'Teléfono móvil (SMS)'. There are also radio buttons for 'Tipo de subscriptor' (Subscriber Type) with options 'Particular' and 'Entidad'. The form is displayed in a web browser window.

FORMFRONT

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2.4.3. REDOSE

Electronic documents are generated and used in Telematic Processing and Notifying Processes. Additionally, these documents can be signed.

Document Security Repository (REDOSE) is a system giving custody to such documents, managing access to them by authorized systems.

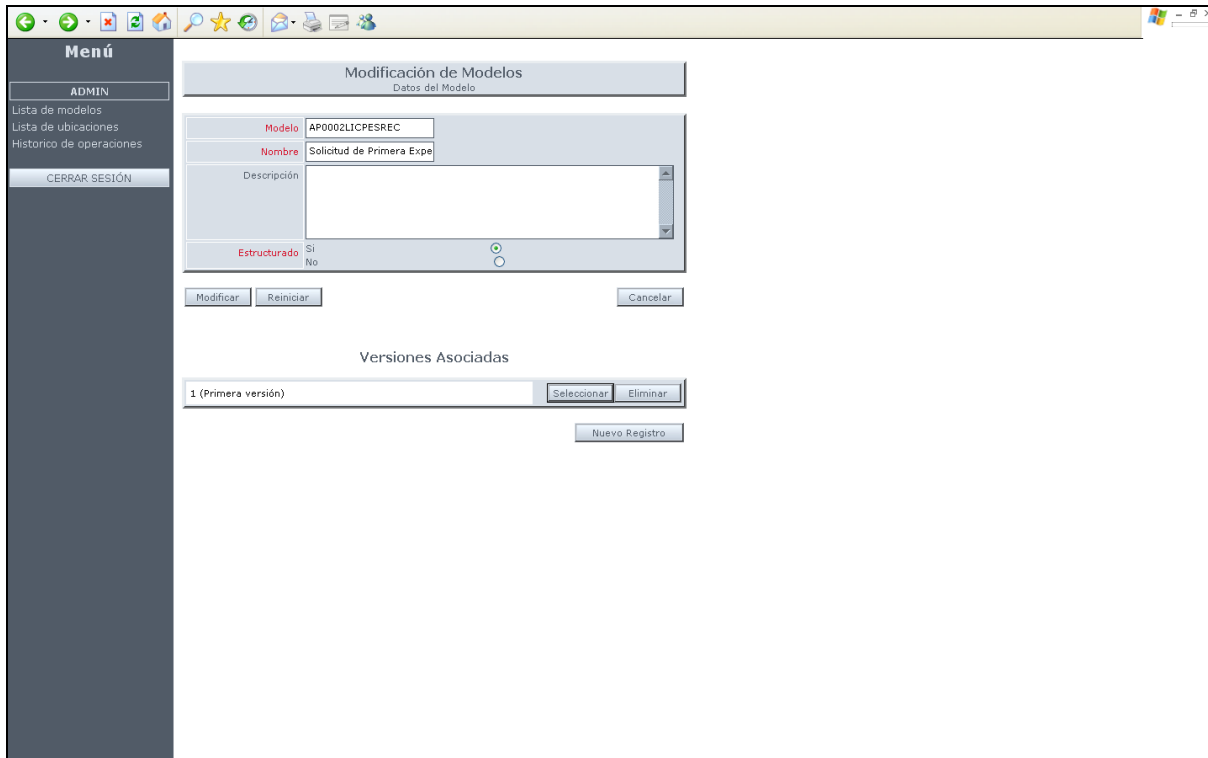
REDOSE has an audit system registering accesses and document status changes.

Electronic documents can be incorporated into REDOSE:

- In persistence area of a telematic processing
- From management systems in Telematic Notification generation (Telematic Output Registry).
- From management systems in record warning generation.

REDOSE eliminates file transfers between different systems and optimize telematic procedures in all processing circuit.

REDOSE registers all document models including its versioning. Moreover, it's possible to define visualization templates (PDF) for XML structured document models.

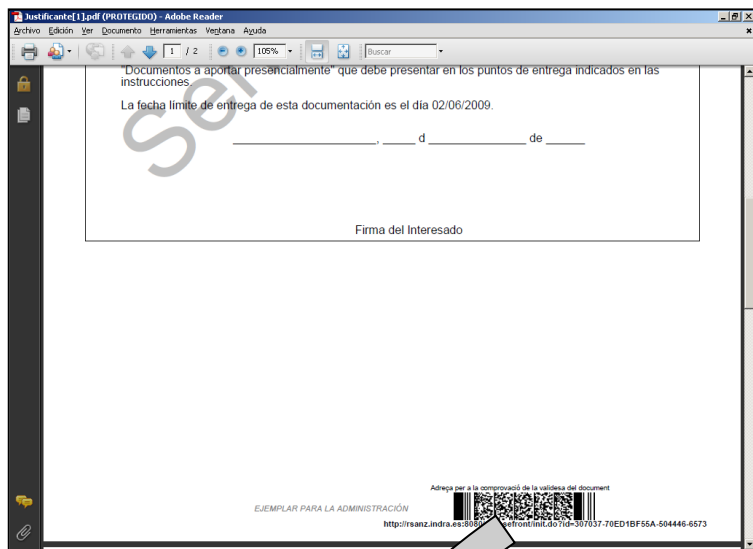


The screenshot displays the 'Modificación de Modelos' (Model Modification) interface of the REDOSEBACK system. The interface is divided into a left sidebar menu and a main content area. The sidebar menu includes options like 'ADMIN', 'Lista de modelos', 'Lista de ubicaciones', 'Historico de operaciones', and 'CERRAR SESIÓN'. The main content area features a form for editing model data. The form includes fields for 'Modelo' (AP0002LICPESREC), 'Nombre' (Solicitud de Primera Expe), and 'Descripción'. There is a section for 'Estructurado' with radio buttons for 'Si' (selected) and 'No'. Below the form are buttons for 'Modificar', 'Reiniciar', and 'Cancelar'. A section titled 'Versiones Asociadas' shows a table with one entry: '1 (Primera versión)', with buttons for 'Seleccionar' and 'Eliminar'. A 'Nuevo Registro' button is also present at the bottom.

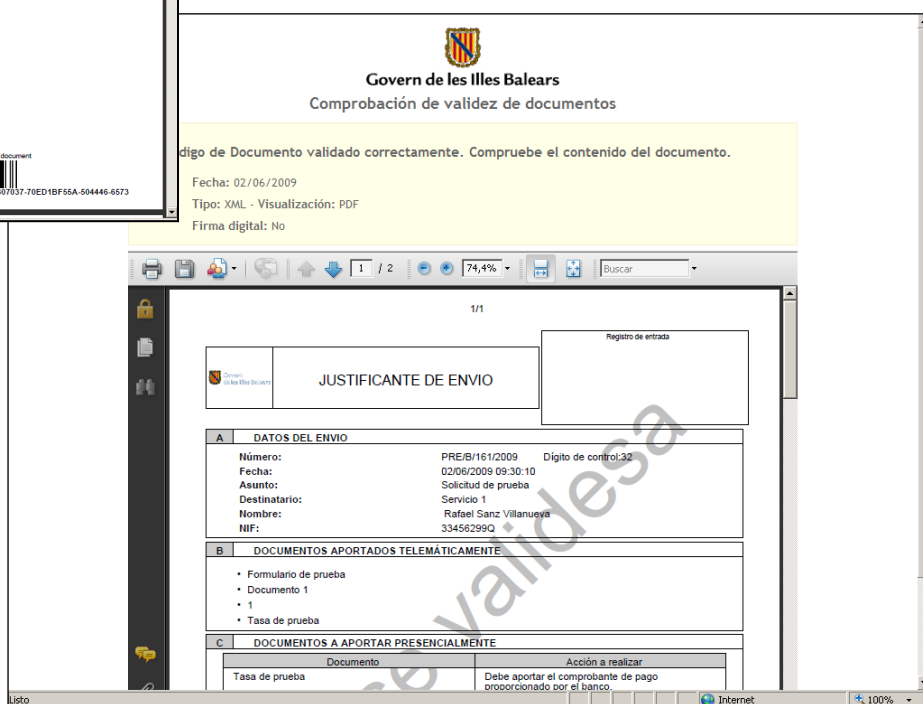
REDOSEBACK

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For PDF documents rendered by REDOSE through visualization templates it's possible to set verification codes in a matrix barcode allowing copy certification of the document.



PDF



REDOSEFRONT

There are two possibilities regarding file storage:

- DB Storage: files are stored in database, in REDOSE scheme
- Disk Storage: files are stored externally on a disk path.

Storage type is configured in REDOSEBACK establishing default storage plug-in.

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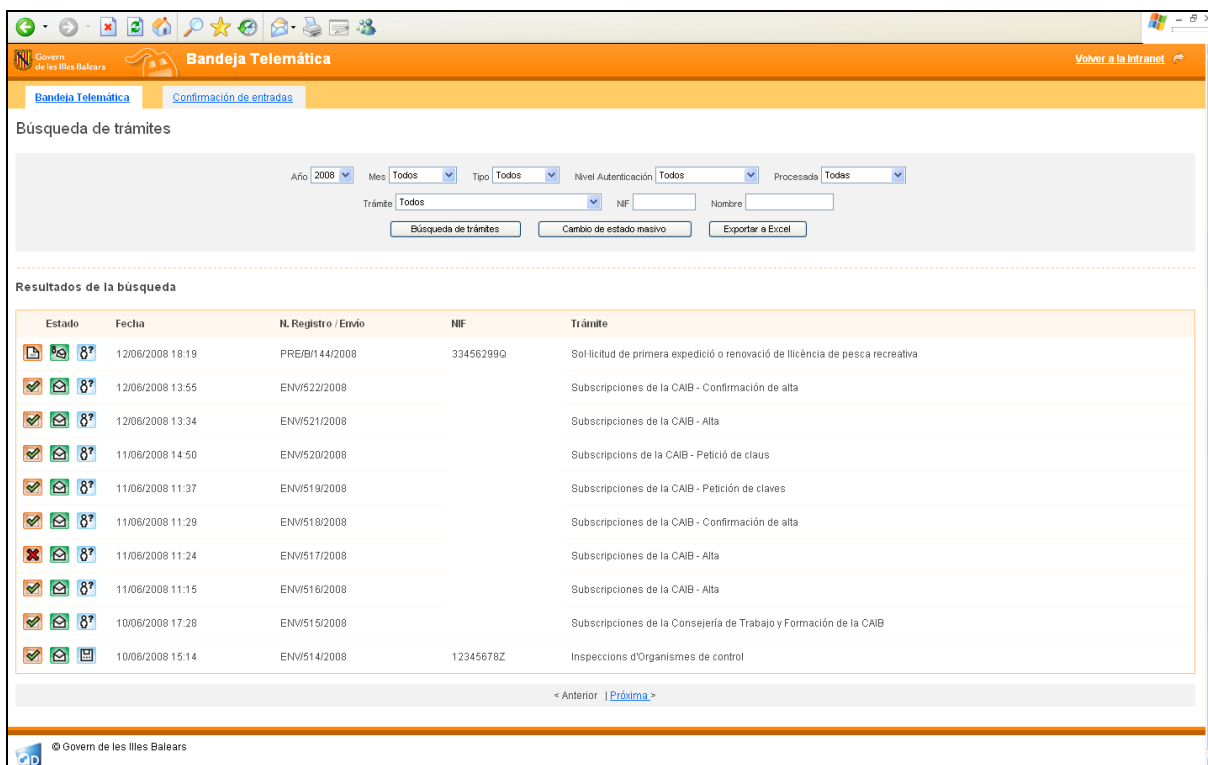
2.4.4. REGTEL

Telematic registry module is a layer located between platform and organization input/output registry and it allows working with registry notes in Sicres format. Moreover, a signed electronic proof with a certificate identifying organization registry is generated as result of a note registration.

2.4.5. BANTEL

Forms and documents delivered by citizen are left in Input Telematic Box as result of Telematic Processing. This process should be processed by management applications (BackOffice). This processing may be:

- Manual: manager accesses to Box viewer (BANTELFONT) and it accesses to inputs (and its documents)
- Automatic: a program is scheduled collecting inputs and transferring them automatically to BackOffice program.



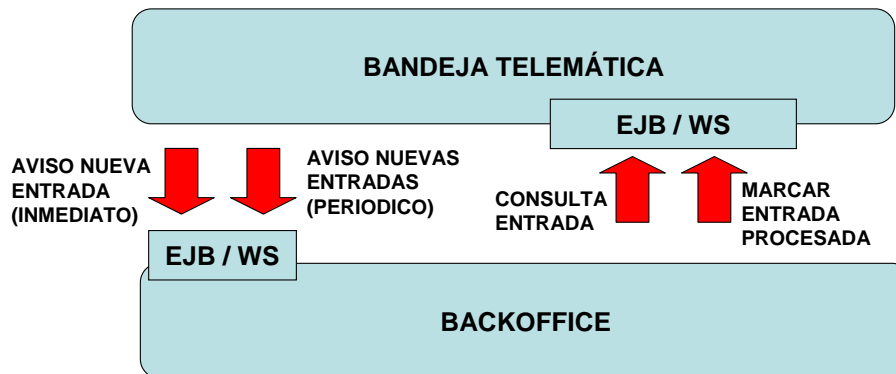
The screenshot shows the BANTELFONT web application interface. At the top, there is a header with the Government of the Balearic Islands logo and the text "Bandeja Telemática". Below the header, there is a search section titled "Búsqueda de trámites". This section contains several dropdown menus for filtering results by year (Año), month (Mes), type (Tipo), authentication level (Nivel Autenticación), and processing status (Procesado). There are also input fields for "Trámite", "NIF", and "Nombre", and buttons for "Búsqueda de trámites", "Cambio de estado masivo", and "Exportar a Excel". Below the search section, there is a table titled "Resultados de la búsqueda" which displays a list of tramites with columns for Estado, Fecha, N. Registro / Envío, NIF, and Trámite. The table contains 11 rows of data. At the bottom of the table, there are navigation links for "Anterior" and "Próxima".

Estado	Fecha	N. Registro / Envío	NIF	Trámite
	12/06/2008 18:19	PRE/BI/44/2008	33456299Q	Solicitud de primera expedición o renovació de llicència de pesca recreativa
	12/06/2008 13:55	ENV/522/2008		Subscripciones de la CAIB - Confirmación de alta
	12/06/2008 13:34	ENV/521/2008		Subscripciones de la CAIB - Alta
	11/06/2008 14:50	ENV/520/2008		Subscripciones de la CAIB - Petición de claus
	11/06/2008 11:37	ENV/519/2008		Subscripciones de la CAIB - Petición de claves
	11/06/2008 11:29	ENV/518/2008		Subscripciones de la CAIB - Confirmación de alta
	11/06/2008 11:24	ENV/517/2008		Subscripciones de la CAIB - Alta
	11/06/2008 11:15	ENV/516/2008		Subscripciones de la CAIB - Alta
	10/06/2008 17:28	ENV/515/2008		Subscripciones de la Consejería de Trabajo y Formación de la CAIB
	10/06/2008 15:14	ENV/514/2008	12345678Z	Inspecciones d'Organismes de control

BANTELFONT

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Below we see different calls between BackOffice and Telematic Box when an automatic processing is required:

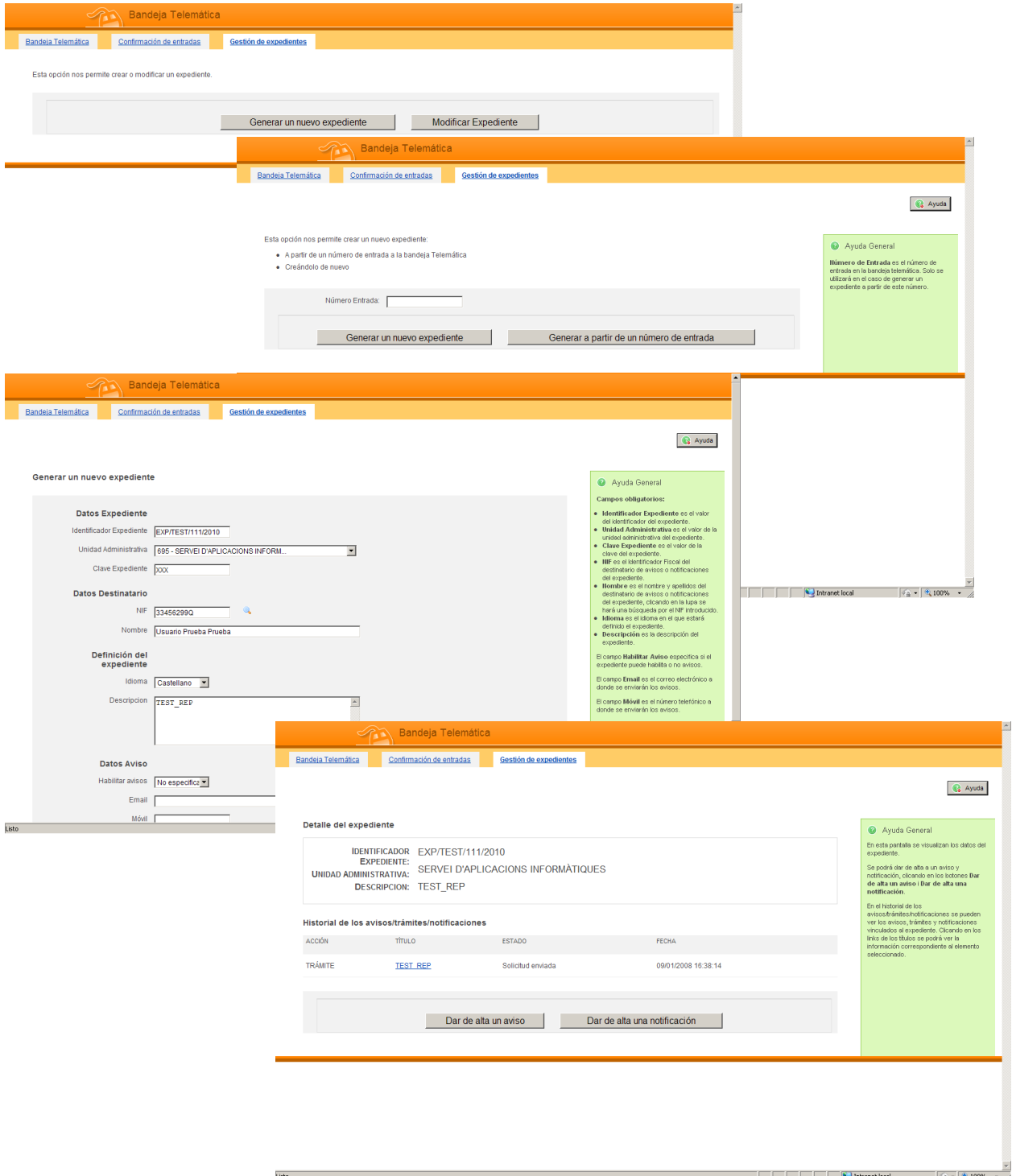


- New input warning: it's possible to configure (by process) that Telematic Box warns BackOffice about new arrived inputs (inputs marked as non processed in Box). There are two types of warnings:
 - o Immediate: BackOffice is warned as soon as input arrives indicating entry number.
 - o Periodic: BackOffice is warned every certain period of time about new arrived entries.

An EJB or Webservice must be implemented in BackOffice to collect these warnings
- Input query: once warning is received, BackOffice can query entry data through an EJB or Webservice found in Telematic Box. This data contains forms and documents sent by citizen.
- Mark processed entry: once input is processed by Backoffice, it should be marked in Telematic Box as **processed** if not it would be included in next input warning. If BackOffice cannot process an entry due to an internal error (fi error inserting information into BackOffice tables, etc.) it should be marked as entry **processed with errors** since otherwise it would try to reprocess it. It's a BackOffice task to control such errors and inform users about this situation. Users can access this information to be processed manually through Telematic Box viewer.

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Box viewer (BANTELFRONT) has a module that allows manager to publish manually records in citizen personal area and generate warnings and notifications.



Bandeja Telemática

Esta opción nos permite crear o modificar un expediente.

Generar un nuevo expediente Modificar Expediente

Bandeja Telemática

Esta opción nos permite crear un nuevo expediente:

- A partir de un número de entrada a la bandeja Telemática
- Creándolo de nuevo

Número Entrada:

Generar un nuevo expediente Generar a partir de un número de entrada

Ayuda General

Número de Entrada es el número de entrada en la bandeja telemática. Solo se utilizará en el caso de generar un expediente a partir de este número.

Bandeja Telemática

Generar un nuevo expediente

Datos Expediente

Identificador Expediente:

Unidad Administrativa:

Clave Expediente:

Datos Destinatario

NIF:

Nombre:

Definición del expediente

Idioma:

Descripción:

Datos Aviso

Habilitar avisos:

Email:

Móvil:

Ayuda General

Campos obligatorios:

- Identificador Expediente** es el valor del identificador del expediente.
- Unidad Administrativa** es el valor de la unidad administrativa del expediente.
- Clave Expediente** es el valor de la clave del expediente.
- NIF** es el Identificador Fiscal del destinatario de avisos o notificaciones del expediente.
- Nombre** es el nombre y apellidos del destinatario de avisos o notificaciones del expediente, colocando en la lupa se hará una búsqueda por el NIF introducido.
- Idioma** es el idioma en el que estará redactado el expediente.
- Descripción** es la descripción del expediente.

El campo **Habilitar Aviso** especifica si el expediente puede recibir o no avisos.

El campo **Email** es el correo electrónico a donde se enviarán los avisos.

El campo **Móvil** es el número telefónico a donde se enviarán los avisos.

Bandeja Telemática

Detalle del expediente

IDENTIFICADOR: EXP/TEST/111/2010
EXPEDIENTE: SERVEI D'APLICACIONS INFORMÀTIQUES
DESCRIPCION: TEST_REP

Historial de los avisos/trámites/notificaciones

ACCIÓN	TÍTULO	ESTADO	FECHA
TRÁMITE	TEST_REP	Solicitud enviada	09/01/2008 16:38:14

Dar de alta un aviso Dar de alta una notificación

Ayuda General

En esta pantalla se visualizan los datos del expediente.

Se podrá dar de alta a un aviso y notificación, clicando en los botones Dar de alta un aviso. Dar de alta una notificación.

En el historial de los avisos/trámites/notificaciones se pueden ver los avisos, trámites y notificaciones vinculados al expediente. Clicando en los links de los títulos se podrá ver la información correspondiente al elemento seleccionado.

It's possible to attach documents in word and odt format during warning/notification generation. They are automatically converted to PDF/A adding a verification code. OpenOffice is required for aforementioned conversion (see installation documentation).


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2.4.6. ZONAPER

Citizen can authenticate through digital certificate or username/password in his personal area. This authentication guarantees user identity.

Authenticated users can enter in their personal area accessing to their personal data including pending and completed processes, telematic notifications, records, etc.

Entry without authentication is also possible. A processing reference will be asked to the citizen to be able to inform about his process situation.



Govern de les Illes Balears

Portal > Mi portal

Mi Portal, para el usuario Rafael Sanz Villanueva.

Página inicial

Mis datos

Datos personales

Alertas


Mis trámites

Trámites sin enviar

Estado de mis trámites

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Govern de les Illes Balears

Portal > Mi portal > Datos personales

Mi Portal, para el usuario Rafael Sanz Villanueva.

Datos personales

Complete los datos personales y pulse el botón GUARDAR. Estos datos se utilizarán para rellenar automáticamente los formularios de los trámites que usted realice permitiendo agilizar la introducción de datos.

NIF 33456299Q

Nombre

Apellido 1

Apellido 2

Dirección

Código postal

Provincia


Municipio

Teléfono fijo

Teléfono móvil

E-mail

GUARDAR



Govern de les Illes Balears

Portal > Mi portal > Trámites sin enviar


Mi Portal, para el usuario Rafael Sanz Villanueva.

Trámites sin enviar

Listado de trámites pendientes de finalizar. Para continuar su tramitación, pulse sobre el título del trámite. Recuerde que los trámites tienen un límite de persistencia y se borrarán de nuestro sistema una vez pasada la fecha límite.

Si la forma de acceso que va a elegir para cumplimentar el trámite es distinta a la actual (Certificado digital), tendrá que salir de la aplicación y volver a autenticarse con la forma de acceso con la cual se realizó dicho trámite.

TIPO ACCESO	IDIOMA	FECHA ACCESO	FECHA LÍMITE	TRÁMITE
CERTIFICAT	Castellano	02/06/2009 09:02	03/06/2009	XXXX
CERTIFICAT	Castellano	01/06/2009 06:06	03/06/2009	TEST NOTIFICACION Y AVISO
		19 02:47	30/05/2009	XXXX
		19 02:44	30/05/2009	XXXX
		19 11:38	27/05/2009	XXXX
		19 01:24	26/05/2009	XXXX
		19 01:15	26/05/2009	XXXX
		19 11:07	27/05/2009	TEST NOTIFICACION Y AVISO
		19 12:13	24/05/2009	TEST NOTIFICACION Y AVISO
		19 05:30	22/05/2009	XXXX
		19 09:42	22/05/2009	XXXX
		19 09:31	23/05/2009	TEST NOTIFICACION Y AVISO
		19 05:31	22/05/2009	TEST NOTIFICACION Y AVISO
		19 12:54	22/05/2009	TEST NOTIFICACION Y AVISO



Govern de les Illes Balears

Portal > Mi portal > Estado de mis trámites > Detalle del trámite

Mi Portal, para el usuario Rafael Sanz Villanueva.

Detalle del expediente

Histórico de los pasos efectuados en el trámite

EXPEDIENTE: Expediente test notificacion

CÓDIGO: EXP/TESTNOTIFI/1238764057484

ACCIÓN	TÍTULO	ESTADO	FECHA
TRÁMITE	TEST NOTIFICACION Y AVISO	Solicitud enviada	03/04/2009 15:07
AVISO	Aviso de test	Aviso recibido	03/04/2009 15:08
NOTIFICACIÓN	Notificación de test	Notificación pendiente	03/04/2009 15:10

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ZONAPERFRONT

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"My delegations" option will appear if delegation is enabled on personal area of an entity:

Mi portal, para el usuario **no en tinc ni idea**. - Acceso en modo delegado por: Dani Pardell

Página inicial

Mis datos Datos personales Alertas	Mis trámites Trámites sin enviar Trámites enviados	Mis delegaciones Delegaciones Bandeja de firma
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el equipo de soport

Delegations Allows the representative of the entity appoint delegates from the same

Mi portal, para el usuario **no en tinc ni idea**. - Acceso en modo delegado por: Dani Pardell



Delegaciones


En este apartado se permite delegar tareas sobre otras personas. A continuación se muestran las delegaciones activas:

DELEGADO	PERMISOS	FECHA INICIO	FECHA FIN
78085986C - Dani Pardell	Representante (todos los permisos)	26/07/2010	31/07/2010

Crear delegación

Si desea crear una delegación introduzca el plazo de validez de la delegación, la persona a quién delega y los permisos que se delegan.
Para poder nombrar a un delegado es requisito que esta persona haya activado su zona personal (Mi portal). La zona personal de un ciudadano se activa al acceder por primera vez a ella.

Fecha Inicio  Fecha Fin 

NIF/CIF 

Permisos

Como representante deberá firmar digitalmente la autorización de esta delegación. Introduzca su dispositivo de Certificado Digital y pulse "Cargar certificado".

Certificados disponibles:

PIN Certificado:

Tray signature: Access to delegates to sign documents

Mi portal, para el usuario **entidad 1**. - Acceso en modo delegado por: Dani Pardell

Bandeja de firma

Estos documentos han sido anexados y estan preparados para que un delegado con permiso para ello los firme o los rechace para continuar con la tramitación del trámite. Recuerde que los trámites tienen un límite de persistencia y se borrarán de nuestro sistema una vez pasada la fecha límite.

DOCUMENTO	TRÁMITE	FIRMANTES	
ANEXO 1	Test para delegaciones	Dani Pardell [<input type="button" value="Firmado"/>]	<input type="button" value="Ver"/>
		Auditor Del Sistema Tramitacion [<input type="button" value="No Firmado"/>]	
ANEXO 1	Test para delegaciones	Dani Pardell [<input type="button" value="No Firmado"/>]	<input type="button" value="Firmar"/> <input type="button" value="Rechazar"/> <input type="button" value="Ver"/>
ANEXO 1	Test para delegaciones	2222 [<input type="button" value="No Firmado"/>]	

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el equipo de soporte.

For people who are delegates of some entity, access profile will be requested when they enter in their personal area or during process startup:

 **ORGANISMO TEST**

Confirmación de datos personales

Según aparece en el registro de usuarios usted es delegado de una entidad.

Por favor seleccione el perfil de acceso con el que quiere acceder:

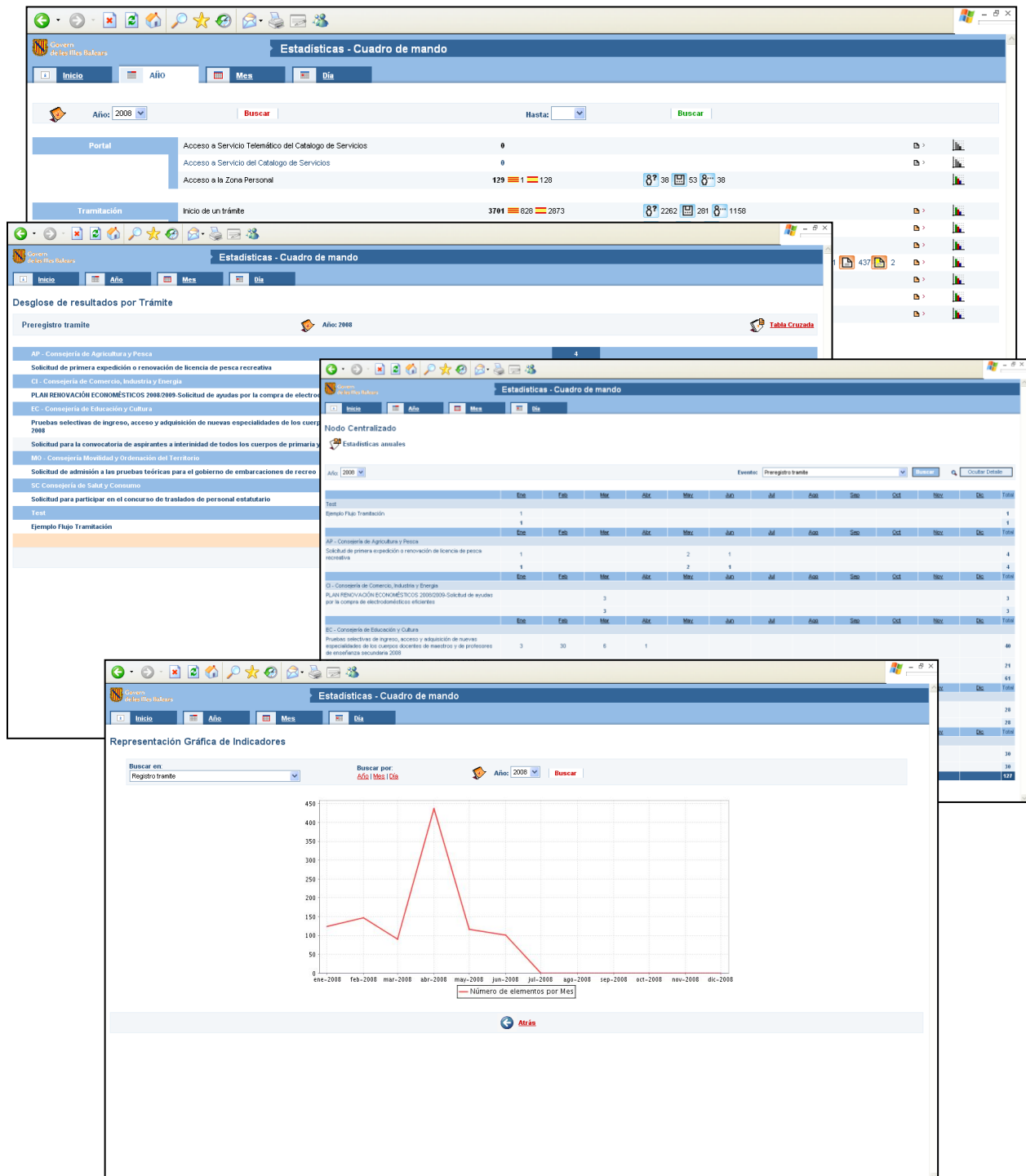
☐ Acceder como ciudadano

☒ Acceder como delegado de la entidad:

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2.4.7. AUDITA

Audit module collects events from different elements of Electronic Administration Platform. These events are displayed through an audit viewer that collects telematic processing data being possible to query by year, month or day and see results broken down into detail boxes or graphics.

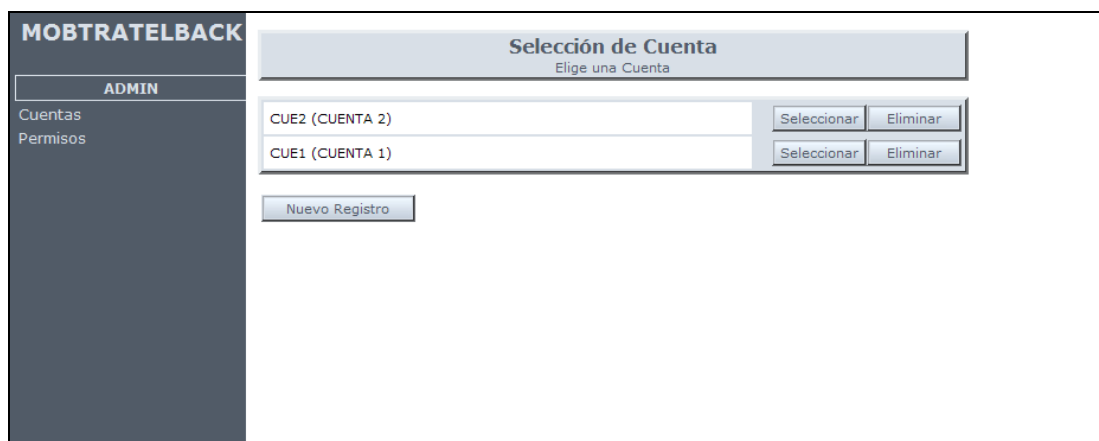


SISTRA - ARQUITECTURA

2.4.8. MOBTRATEL

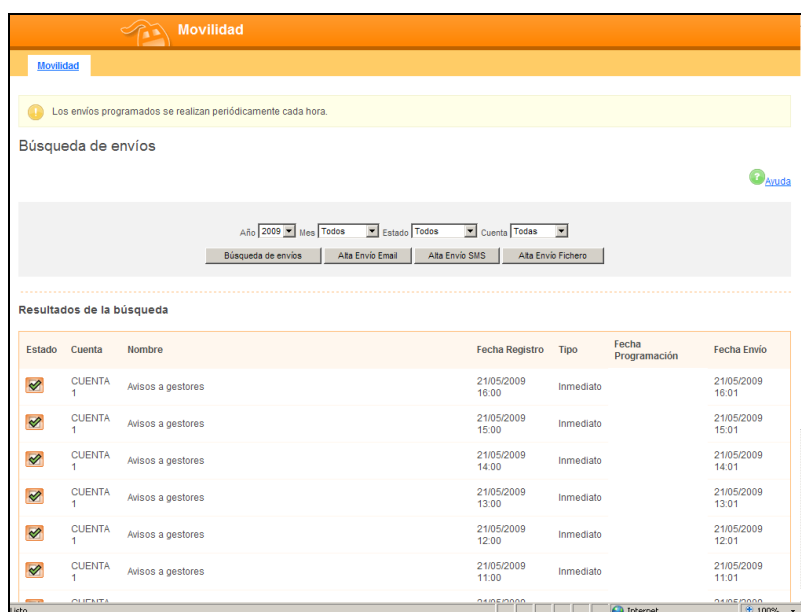
Mobility module allows programming email and sms shipments. This module is used by platform for sending emails to managers with information of his request box. If citizen enables his alerts, platform will also use this module to warn the citizen when a warning or notification is produced for one of his records. In addition, this module provides an interface to different management systems so they can perform this kind of shipments.

Different shipment accounts can be defined though administration tool. Mail datasource for email shipment and account identifier of sms shipment are set (SMS shipment plug-in will know how to send sms). Permissions over accounts can also be assigned to determine which managers can perform shipments against which accounts.



MOBTRATELBACK

A viewer shows shipment schedule and its status:



MOBTRATELFRONT

2.5. Used technologies

Platform has been built using open source technologies based on J2EE:

- JBoss, Servlet 2.2, JSP 1.1, EJB 2.0, Struts 1.2, Hibernate 2 Quartz, iText, Apache Commons, Jasper Reports, etc.

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3. Integration Organization

3.1. Corporate image

Platform will maintain corporate image of each organization through a custom style sheet that allows to customize public module styles (processing assistant, personal area and forms) to maintain corporate image between organization portal and platform.

3.2. Connection plug-ins with organization

SISTRA platform can be integrated with organization elements through next plug-ins:

PLUGIN	DESCRIPTION	FUNCTIONAL DOCUMENT
Signature plug-in	Platform supports two signature system: @firma and signaturaCAIB.	SISTRA-PLUGINFIRMA
Login plug-in	It integrates platform with organization corporate login module	SISTRA-PLUGINLOGIN
Registry plug-in	It integrates platform with organization registry	SISTRA-PLUGINREGISTRO
Payment plug-in	It integrates platform with organization telematic payment gateway	SISTRA-PLUGINPAGO
SMS plug-in	It integrates platform with organization SMS shipment gateway	SISTRA-PLUGINSMS
Explicit authentication plug-in	It sets a user/password given by organization for domain invocation, etc.	SISTRA-PLUGINAUTEX
Custody plug-in	It integrates signed documents in a custody system. This plug-in is optional, but document won't be in custody if not configured.	SISTRA-PLUGINCUSTODIA
Document Management plug-in	It consolidates documents associated to processes, record events and notifications in organization document manager.	SISTRA-PLUGINGESTDOC

Details of each plug-in implementation is available in functional document where each plug-in is defined.

SISTRA - ARQUITECTURA

3.3. Integration with management applications

SISTRA platform provides an interface based on web services for integration with organization management applications and back-offices.

We can distinguish:

- services offered by SISTRA: services invoked from management applications
- services invoked by SISTRA: services invoked from SISTRA to management applications

Platform supports webservice versioning allowing to add features while maintaining compatibility with previous integrations.

3.3.1. Offered services

Services provided by SISTRA platform for backoffices are:

3.3.1.1. Services offered by Telematic Box

These services will be invoked by backoffice integration procedures to process inputs arriving to telematic box.

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
obtenerNumerosEntradas	It gets input numbers of a specific process allowing to filter by status and date	Id tramite: process identifier Estado: processing status of entries to retrieve (all, unprocessed, processed with the error or correctly processed) Desde: search start date Hasta: search end date	List with entry numbers
obtenerEntrada	It gets box entry from input number	Numero entrada: input number to retrieve	Entrada Bandeja: it contains information of an entry in Input Telematic Box. It shows main data from registry note and document list associated with the entry.
establecerResultadoProceso	It sets processing result of an entry	Numero entrada: input number on which result is established Resultado: it indicates processing result (correctly processed or processed with error) Descripcion error: if it was processed with error, it indicates error description.	Returns nothing

3.3.1.2. Services offered by Personal Area

These services will be used by backoffices to inform citizen about his telematic processing progress. Citizen has a bulletin board in his personal area where management applications can generate

SISTRA - ARQUITECTURA

processing records and events related with record (fi events can be generated in record life as under study, resolution pending, solved, etc. where citizen is being informed about its processing).

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
altaExpediente	It adds a record in citizen personal area.	Expediente: record data to add (record id, description, user, ...). You can include events.	Returns nothing
altaEventoExpediente	It adds an event to a record. An event allows informing citizen about record evolution.	Evento: record event (title, description, annexes, ...)	Returns nothing
existeZonaPersonalUsuario	It indicates whether citizen has activated his personal area (Has citizen entered in Sistra?)	Nif / Cif	Returns true / false

3.3.1.3. Services offered by telematic registry

Telematic registry layer implemented by the SISTRA platform makes next operations possible:

- about output registry: it adds telematic notifications and it queries if citizen received them later.
- about input registry: it allows to perform an input telematic registration by an application other than SISTRA platform.

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
registroSalida	It performs an output registration (notification). Registry note and annexes should be inserted in RDS previously.	DatosRegistroSalida : output registration data to perform	ResultadoRegistro: number and date of registration
obtenerAcuseRecibo	It queries to management application if notification was delivered to citizen	numeroRegistro: output registration number	Datos del acuse de recibo: indicator whether it was delivered, delivery date, etc.
registroEntrada	It performs an input registration (for applications other than Sistra requiring telematic registry)	DatosRegistroEntrada: input registration data to perform	ResultadoRegistro: number and date of registration

SISTRA - ARQUITECTURA

3.3.1.4. Services offered by Document Repository

These services allow following to management applications:

- query documents: access to annexes of Telematic Box input, etc.
- insert documents: insert documents required for a notification (registry note and note annexes), insert documents attached to a record event, etc.

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
insertarDocumento	It inserts a document for performing operations related with it later (output registry, add an event, ...)	DocumentoRDS: document data to insert (title, data, model, version, etc.)	ReferenciaRDS: reference to document in the repository
insertarDocumentoConTransformacion	It inserts a document for performing operations related with it later (output registry, add an event, ...)	DocumentoRDS: document data to insert (title, data, model, version, etc.) TransformacionRDS: document changes: convert to PDF and stamp a verification barcode	ReferenciaRDS: reference to document in the repository
consultarDocumento	It queries a document	ReferenciaRDS: it references the document inside the repository	DocumentoRDS: document data (title, data, model, version, etc.)
consultarDocumentoFormateado	It allows to query a structured document (XML) that it's formatted through a display template	ReferenciaRDS: it references the document inside the repository TipoPlantilla: (Optional) It lets specify a specific template. Idioma (Optional) It indicates a specific language for formatting	DocumentoRDS: formatted document data (title, data, model, version, etc.)

SISTRA - ARQUITECTURA

3.3.1.5. Services offered by Mobility module

Mobility module allows backoffice applications to generate emails and/or SMS scheduled shipments.

This module allows defining shipping accounts where email and sms addresses are configured and it sets which managers have permissions to perform shipments to this account

Shipping account, scheduled date and message set (sms and/or emails) to send are indicated when a shipment to mobility modules is done

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
enviarMensaje	It sends a programmed message through mobility module	MensajeEnvio: shipping information: account, scheduled date, email and sms messages.	Shipping code

SISTRA - ARQUITECTURA

3.3.2. Invoked services

Services invoked from SISTRA platform to backoffices are:

3.3.2.1. Services invoked from processing Assistant

It may be necessary to access data located in backoffices from processing assistant in next cases:

- access to a domain or list of values located in backoffice (fi data associated with a citizen, value lists, etc.).
- resolution of query processes: there is a type of process where backoffice should return documents associated to a query.

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
obtenerDominio	Domain query to a management application	Id dominio: domain identifier to retrieve Parametros: domain parameters	Valores dominio: domain value list
realizarConsulta	It performs query operation to management application for query processes.	Id tramite: process identifier Formularios consulta: filled forms through processing assistant with data for query	Documentos consulta: document list resulting from query

3.3.2.2. Services invoked from Telematic Box

It can be configured that backoffices are notified when new inputs arrive in Telematic Box from managed processes.

SERVICE	DESCRIPTION	PARAMETERS	RETURNS
avisoEntradas	It warns management application that new inputs were registered in Telematic Box.	Numero de entradas: input number list pending to process	Returns nothing