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SISTRA - VERSIONS

Code: SISTRA-VERS



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RECORD OF CHANGES

Version	Pages	Reason for change
1	5	Document Creation
2	8	Version 1.0.2
3	8	1.0.2. Update
4	8	1.0.2. Removing Oracle and @firma clients due to license reasons
5	8	Version 1.0.3
6	11	Version 1.1.0
7	11	Version 1.1.1
8	11	Version 1.1.2
9	11	Version 1.1.3 and 1.1.4
10	12	Version 1.1.5
11	14	Version 1.1.5 (extension forms code size)
12	14	Version 1.1.5 (high citizen manager)
13	16	Version 1.1.6
14	18	Version 2.0.0 (filesystem plug-in for REDOSE)
15	20	Version 2.1.0
16	21	Version 2.2.0
17	22	Version 2.2.1 and 2.2.2
18	22	Version 2.2.3 and 2.2.4
19	22	Version 2.2.5
20	23	Version 2.2.6
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28	29	Version 2.3.5
29	30	Version 2.3.6
30	30	Version 2.3.7
30	30	Version 2.3.8

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DISTRIBUTION OF DOCUMENT

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1. Introduction

This document describes the release notes of the different versions released with major modifications.

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2. Release notes

2.1. Version 1.0.0

Beta version required to allow agencies to develop their plug-ins and test against the platform functionality.

2.2. Version 1.0.1

Release candidate version with full functionality.

CHANGES MADE
<ul style="list-style-type: none">- Customization description for personal area through properties in the global.properties- Encryption users / passwords stored in database from an encryption key set in the global.properties- Webservices interface for the platform- New body to explicit authentication plug-in

2.3. Version 1.0.2

Version fixes several bugs and introduces some minor functionality. Oracle and @firma clients are extracted due to licensing reasons and necessary instructions for manual input are added to installation documentation.

CHANGES MADE
<ul style="list-style-type: none">- XML:<ul style="list-style-type: none">▪ In linux environments JDK 1.5 has a different behavior compared to Windows environments causing web services fail. It is necessary to update Xerces parser of Jboss in these environments (see installation documentation).▪ Bug xml parser- PLUG-INS:<ul style="list-style-type: none">▪ Payment Plug-in: add to EstadoSesionPago description field to establish generic descriptive text of status- FORMS:<ul style="list-style-type: none">▪ Error control when two elements are opened in two different browsers within the same browser session

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- ZONAPER:
 - Bug in helpdesk to check online pending confirmation payments in an authenticated processing
 - Assistant session payment detail shown in helpdesk
 - Fixed bug when confirmed preregistration message is displayed in zonaperback.
 - EJB interface modification in order to collect all items (procedures, warnings and notifications) in record search
 - Ordering in documents, notifications and warnings
 - New property to bind zonaperback with registry application (back.urlAplicacionRegistro)
- REDOSE:
 - Error control when more than one template file is added
 - Bug in redosefront to show document signer
- BANTEL:
 - Bug in input filtering by status
 - Bug in user cyphering
- REGTEL:
 - Webservice interface simplification

2.4. Version 1.0.3

Version provides several features:

CHANGES MADE
<ul style="list-style-type: none">- PLUG-INS:<ul style="list-style-type: none">▪ Payment plug-in: functional redefinition of id payment and payment date properties in payment session status to allow in-person payment too. Therefore these properties are established for all confirmed payments.▪ Custody plug-in: new plug-in integrating signed documents into custody system.- REDOSE:<ul style="list-style-type: none">▪ It allows to set transformation options when a document is inserted. These transformations are:<ul style="list-style-type: none">- Conversion to PDF/A documents.- Affix barcode verification in a PDF▪ REDOSE integration with custody system- SISTRA:<ul style="list-style-type: none">▪ New annex property to convert an annex to PDF▪ New recipient script to dynamically set the recipient (registry office, recipient body and administrative unit)▪ Possibility of applying access permissions for procedure edition

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- FORMS :
 - Possibility of applying access permissions for form edition
- BANTEL :
 - Handmade generation module of records, warnings and notifications
- ZONAPER :
 - Payment status information based on payment plug-in returned information was reviewed in zonaperhelpdesk

Changes to configuration files:

- global.properties:
 - plugin.custodia: added property to indicate plug-in custody
- sistra.properties:
 - habilitar.permisos: added property to indicate whether access permissions for editing procedures apply
- forms.properties:
 - habilitar.permisos: added property to indicate whether access permissions apply for forms edition
- redose.properties:
 - openoffice.host: added property to indicate IP address where Open Office is installed (eg localhost)
 - openoffice.port: added property to indicate port where Open Office is installed (eg 8100)
 - Remove scheduler.schedule
 - Remove scheduler.cron.expression
 - scheduler.jobBorradoDocsSinUsos.schedule = true
 - scheduler.jobBorradoDocsSinUsos.cron.expression = 0 0 5 *?
 - scheduler.jobBorradoDocsCustodia.schedule = true
 - scheduler.jobBorradoDocsCustodia.cron.expression = 0 0 5 *?
- bantel.properties:
 - webService.cliente.asincrono: added property to indicate whether call to input processing WS is performed asynchronously
- zonaper.properties:
 - back.urlAplicacionRegistro: added property to indicate if zonaperback (pre-registrations confirmation from this registry point) can be linked to organization registry application (zonaperback start link would point to this url). If not, it is redirected to zonaperback homepage.
- mobtratel.properties:

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- envio.limite.sin.fecha.caducidad: added property to indicate day limit for attempted delivery of shipments without expiration date (if not set, default is 15).

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2.5. Version 1.1.0

This version incorporates several major changes as integration in one ear and role flattening.

The main changes are:

CHANGES MADE
<ul style="list-style-type: none">- PLATFORM:<ul style="list-style-type: none">▪ Integration into a single ear▪ Role flattening▪ Webservice interface:<ul style="list-style-type: none">- It enables to choose basic auth or ws-security UsernameToken- Version 2 ws api is incorporated to implement latest features▪ @firma client: updated to version 302▪ Integration with CAS- PLUG-INS:<ul style="list-style-type: none">▪ Document Management plug-in: new plug-in to integrate with document management▪ Registration plug-in: new record cancel function in order to implement compensation logic for non-transactional connection to organization registry▪ Signature plug-in: separation between internal format (storing/retrieving DB signatures) and external format in webservices api- REDOSE:<ul style="list-style-type: none">▪ Language added for structured documents▪ Allow Redoseback access to operator and manager profiles▪ Definitive removal process for documents marked to erase- SISTRA:<ul style="list-style-type: none">▪ Assistant: it displays a link for xml viewing of forms from register step in development environment▪ Processing in delegate mode- FORMS:<ul style="list-style-type: none">▪ Fixed export script bugs with line feeds and patterns- ZONAPER:<ul style="list-style-type: none">▪ Access to Personal area in delegate mode▪ Proof of output registry when notification is shown▪ Process removal procedure in backup area▪ Log checking procedure of completed records (non-transactional connection compensation logic to organization registry)

Changes to configuration files (for more information on properties read installation documentation):

- global.properties:
 - Add parameters:

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- plugin.gestionDocumental
- backoffice.url
- sistra.iframe
- sistra.ws.authenticacion
- sistra.ws.authenticacion.usernameToken.generateTimestamp
- sistra.ws.client.logCalls
- sistra.ws.client.disableCnCheck
- redose.properties:
 - Add properties:
 - scheduler.jobBorrarDocumentosDefinitivamente.schedule
 - scheduler.jobBorrarDocumentosDefinitivamente.cron.expression
 - scheduler.jobBorrarDocumentosDefinitivamente.meses
 - scheduler.jobConsolidacionGestorDocumental.schedule
 - scheduler.jobConsolidacionGestorDocumental.cron.expression
- zonaper.properties:
 - Remove properties:
 - scheduler.schedule
 - scheduler.schedule.borradoPreregistro
 - scheduler.cron.expresion
 - Add properties:
 - scheduler.backup.schedule
 - scheduler.backup.cron.expression
 - scheduler.backup.schedule.borradoPreregistro
 - scheduler.backup.borradoPreregistro.meses
 - scheduler.borradoBackup.schedule
 - scheduler.borradoBackup.cron.expression
 - scheduler.borradoBackup.meses
 - scheduler.revisarRegistrosEfectuados.schedule
 - scheduler.revisarRegistrosEfectuados.cron.expression
- mobtratel.properties:
 - Add properties:
 - envio.limite.sin.fecha.caducidad

Role assignment should be adapted to new defined roles in the platform.

Moreover, templates for proof of registry generation were modified (properties files in /modules /modul-redose/modules/persistence/etc/resources), so these files must be updated in corresponding template from redoseback.

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2.6. Version 1.1.1

This version includes some minor changes over previous version. Main changes are:

CHANGES MADE
<ul style="list-style-type: none">- PLATFORM:<ul style="list-style-type: none">▪ Webservice interface: solved bug for BASIC authentication.▪ English processing support.

2.7. Version 1.1.2

This version includes some minor changes over previous version. For details consult Mantis.

Main changes are:

CHANGES MADE
<ul style="list-style-type: none">- PLUG-INS:<ul style="list-style-type: none">▪ CAIB signature applet modification to not include signature.- SISTRA:<ul style="list-style-type: none">▪ Assistant: if you try to access through a non-supported processing language, a supported one will be used.▪ Assistant: bug if generic document name isn't specified.- FORMS:<ul style="list-style-type: none">▪ Bug when importing a form if masks are used.▪ Opened list component had always predetermined size.- REGTEL:<ul style="list-style-type: none">▪ WS interface: parameter is added to prepararRegistroEntrada method to be able of specifying persistence days to complete registration

2.8. Version 1.1.3

This version includes some minor changes over previous version. For details consult Mantis.

Main changes are:

CHANGES MADE
<ul style="list-style-type: none">- PLUG-INS:<ul style="list-style-type: none">▪ @firma client was updated to version 3.2.0.- ZONAPER:<ul style="list-style-type: none">▪ It allows to set by configuration if Zonaperdelega representative authorization should be signed by public servant

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2.9. Version 1.1.4

This version includes some minor changes over previous version. For details consult Mantis.

Main changes are:

CHANGES MADE
<ul style="list-style-type: none">- ZONAPER:<ul style="list-style-type: none">▪ A search engine is included in Zonaperfront (authenticated access).

2.10. Version 1.1.5

This version incorporates changes mainly on notifications part. Sms plug-ins and explicit authentication interfaces were modified in order to implement these features. For details consult Mantis.

Main changes are:

CHANGES MADE
<ul style="list-style-type: none">- REGTEL:<ul style="list-style-type: none">▪ Unified proof: forms from processing configuration are annexed to the proof.▪ An operation to webservice is added to obtain acknowledgment of receipt detail (notification status, acknowledgment of receipt date, acknowledgment of receipt file and warning information)- MOBTRATEL:<ul style="list-style-type: none">▪ Verify functionality that emails and sms were sent. It must be implemented through plug-ins.- SMS PLUG-IN:<ul style="list-style-type: none">▪ Shipping status check method modification.- EMAIL PLUGIN:<ul style="list-style-type: none">▪ Added plug-in to check shipping status.- REDOSE:<ul style="list-style-type: none">▪ Allows exporting docx documents including forms to csv.- ZONAPER:<ul style="list-style-type: none">▪ Properties were added to specify shipping verification for notifications/events warnings of

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<p>records.</p> <ul style="list-style-type: none">▪ Control functionality for notification delivery was added.▪ Pre-record status query was added in helpdesk.▪ A service was added to register a citizen so that records and notifications can be generated for him. A temporary user code will be assigned automatically.▪ Zonaperdelega is modified to avoid assigning user code and to generate it automatically. <p>- AUTHENTICATION EXPRESS PLUG-IN:</p> <ul style="list-style-type: none">▪ Interface is modified to allow working with element type / element id parameters. <p>- FORMS:</p> <ul style="list-style-type: none">▪ Form code size was increased to 20 characters. Now, it isn't restricted to numbers allowing an alphanumeric string with uppercase letters and numbers. <p>- BANTEL:</p> <ul style="list-style-type: none">▪ A functionality was added in bantelfront for being able of adding a citizen when a record is generated.

Changes to configuration files (for more information on properties read installation documentation):

- global.properties:
 - Add parameters:
 - plugin.envioEmail (if implemented)
- mobtratel.properties:
 - Add parameters:
 - scheduler.job.3.name
 - scheduler.job.3.classname
 - scheduler.job.3.cron.expression
 - scheduler.job.3.schedule
 - envio.verificarEnvio.limite
 - envio.verificarEnvio.sufijoEmail
- zonaper.properties:
 - Add parameters:
 - avisos.confirmacionEnvio.notificaciones.email
 - avisos.confirmacionEnvio.notificaciones.sms
 - avisos.confirmacionEnvio.eventosExpediente.email
 - avisos.confirmacionEnvio.eventosExpediente.sms

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- `notificaciones.controlEntrega`
- `notificaciones.calendarioDiasFestivos`
- `scheduler.entregaNotificaciones.schedule`
- `scheduler.entregaNotificaciones.cron.expression`
- `usuario.prefijoAuto`

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2.11. Version 1.1.6

This version incorporates a fundamental change refocusing Sistra logic from process to procedure, so that it must be entered the procedure to which process and record belong to. This change allows generic processes existence to be used in several integrations. This implies personal area interface modification (WS and EJB interface). For compatibility with existing integrations, input number generated by the record can be indicated so procedure from this input will be associated automatically without being forced to specify it in the record generation call. If existing integration creates the record without indicating input number, it will be necessary to modify this integration for indicating the procedure.

Moreover, a property is incorporated in `global.properties` indicating whether warning generation are required for notifications. If this property is enabled it will be checked if record has warning activation when generating a notification.

Main changes in this version are:

CHANGES MADE	
- SISTRA:	<ul style="list-style-type: none">▪ Procedure is added as process property. Procedure can be set dynamically in the recipient script.▪ Warning management simplification. Warnings can only be specified when process accept notifications and warnings are required for notifications. Moreover, it can be indicated if SMS should be requested at process level.
- BANTEL:	<ul style="list-style-type: none">▪ Procedure figure is added and management permissions are indicated in procedures.▪ An expiration period for input warning is established in order to avoid infinite attempts for entries that cannot be processed (it usually happens in test environments).▪ Improved record management module.▪ A configuration property is added to make warning mandatory when a record is created manually through record management module.
- ZONAPER:	<ul style="list-style-type: none">▪ Property is added to disable Alert processing section.

Changes to configuration files (for more information on properties read installation documentation):

- `global.properties`:
 - Add property:
 - `sistra.avisoObligatorioNotificaciones`
- `zonaper.properties`:
 - Add property:

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- avisos.smsAlertas
- avisos.apartadoAlertas
- bantel.properties:
 - Add properties
 - avisoPeriodico.maxDiasAviso
 - gestionExpedientes.avisosObligatorios

2.12. Version 2.0.0

This version adds a functionality to allow that REDOSE stores files in disk. Moreover, REDOSE purge processes are unified in one.

Main changes are:

CHANGES MADE	
- REDOSE:	<ul style="list-style-type: none">▪ Functionality is added to externally store files in disk.▪ REDOSE purge processes are unified in one.

Changes to configuration files (for more information on properties read installation documentation):

- reodose.properties:
 - Remove Property:
 - scheduler.jobBorradoDocsSinUsos.schedule
 - scheduler.jobBorradoDocsSinUsos.cron.expression
 - scheduler.jobBorrarDocumentosDefinitivamente.schedule
 - scheduler.jobBorrarDocumentosDefinitivamente.cron.expression
 - scheduler.jobBorrarDocumentosDefinitivamente.meses
 - scheduler.jobBorradoDocsCustodia.schedule
 - scheduler.jobBorradoDocsCustodia.cron.expression
 - Add property:
 - scheduler.jobPurgadoDocumentos.schedule
 - scheduler.jobPurgadoDocumentos.cron.expression
 - scheduler.jobPurgadoDocumentos.mesesAntesBorradoDefinitivo

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2.13. Version 2.0.4

This version corrects an error in Oracle scripts to create databases from scratch affecting all version 2.0.

In addition, two properties were added in global.properties in order to make configurable login page in sistra module and zonaper.

Property	Description
organismo.logo.login = .. / images / logoMOCK.gif	Url logo dins Login (web URL). Only used in login.jsp of sistra and zonaper
organismo.cssLoginCustom = .. / styles / loginMOCK.css	Url css for customization in login.jsp of sistra and zonaper

If specific values are not wanted for login screen then organismo.logo.login value can be the same as organismo.logo property one and organismo.cssLoginCustom value can be the same as organismo.cssCustom property one.

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2.14. Version 2.1.0

This version introduces improvements in notifications and allows access to records and their elements through passwords.

Main changes in this version are:

CHANGES MADE	
- PLUG-INS:	<ul style="list-style-type: none">Function is added in registry plug-in for obtaining office stamp description. IT WILL IMPLY TO IMPLEMENT THIS FUNCTION IN ORGANIZATION REGISTRY PLUG-IN.
- SISTRA:	<ul style="list-style-type: none">Properties are added in processing configuration to allow customizing the proof of registry (PDF): hide processing key (anonymous) and hide NIF/name.
- BANTEL:	<ul style="list-style-type: none">Warning configuration for managers is simplified configuring periods at general level (properties) instead of at manager level.Notification information is included in manager warnings.A monitor warning is included in input status.
- ZONAPER:	<ul style="list-style-type: none">Notifications and warnings accessible by password.Notification signature through password.
- REDOSE:	<ul style="list-style-type: none">Format possibilities for registry input. It allows seeing notification acknowledgment of receipt as PDF. It is necessary to insert manually associated template through Redoseback (the same properties as the proof).

Changes to configuration files (for more information on properties read installation documentation):

- zonaper.properties:
 - Remove Property:
 - notificaciones.controlEntrega
 - Add property:
 - notificaciones.controlEntrega.habilitar
 - notificaciones.sellarAcuses.firmaClave.habilitar

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- notificaciones.sellarAcuses.certificado.name
- notificaciones.sellarAcuses.certificado.pin

- bantel.properties:
 - Edit properties:
 - scheduler.jobs.number
 - scheduler.job.2.cron.expression
 - Add properties
 - scheduler.job.3.name
 - scheduler.job.3.classname
 - scheduler.job.3.cron.expression
 - scheduler.job.3.schedule

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2.15. Version 2.2.0

This version introduces improvements in Telematic inbox to define data sources (value list maintained by managers) that can be used from domains in processing.

Main changes are:

CHANGES MADE	
- PLUG-INS:	<ul style="list-style-type: none">Function is added to custody plug-in for obtaining the query url of a document. IT IMPLIES TO IMPLEMENT THIS FUNCTION IN ORGANIZATION CUSTODY PLUG-IN.
- SISTRA:	<ul style="list-style-type: none">Domains are modified to access data sources defined in Bantel.It is allowed to convert an annex to pdf and to be signedBarcode is embedded when an annex is converted to PDF
- BANTEl:	<ul style="list-style-type: none">Data sources definition maintained by managers is added. These data sources will be used from domains.Signature information and custody url are displayed.

2.16. Version 2.2.1

This release introduces minor fixes.

Main changes in this version are:

CHANGES MADE	
- BANTEl:	<ul style="list-style-type: none">Correction for input export to Excel

2.17. Version 2.2.2

This release allows to have multiple payment plug-ins which can be configured to be used for each payment.

Main changes are:

CHANGES MADE	
- PLUG-INS:	<ul style="list-style-type: none">Payment plug-in is modified to add additional payment data to identify authority in charge of payment

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- SISTRA:
 - Payment configuration is modified to set the payment plug-in to use

2.18. Version 2.2.3

Minor changes to correct bug in data sources export to Excel in Bantelfront.

2.19. Version 2.2.4

Minor changes to correct some bugs.

2.20. Version 2.2.5

This version was created to fix a bug when purging external storage files (filesystem) and it adds some improvements in Bantelfront.

CHANGES MADE	
- REDOSE:	
▪	Corrected bug when external storage files are purged.
- BANTELFONT:	
▪	Search filters are modified so that instead of filtering by year/month it filters by from/to date
▪	Flexible pagination and total number of elements for record listing implementations.
- XML:	
▪	Payment data XML is modified to allow 10 entities (for payment TPV plug-in).

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2.21. Version 2.2.6

Minor changes.

CHANGES MADE
<ul style="list-style-type: none">- SIGNATURE:<ul style="list-style-type: none">▪ Update @firma client 3.3.1- LOGS:<ul style="list-style-type: none">▪ Avoid showing message "no match found for security role in the deployment descriptor ... for ..." in log- ZONAPER:<ul style="list-style-type: none">▪ Bug displaying anonymous process loading message if it doesn't exist.- SISTRA:<ul style="list-style-type: none">▪ Sistrasfront: Do not allow to delete process if telematic payments were performed

2.22. Version 2.2.7

As a major change it includes processing alert generation (email/sms) warning about following incidents during completing request phase:

- if payments are made and processing isn't finished
- pre-registration is finished but not confirmed

An initial warning will be generated and then a periodic warning until the incidence is corrected. Time set for each case is set in the configuration properties file.

CHANGES MADE
<ul style="list-style-type: none">- SISTRA:<ul style="list-style-type: none">▪ Sistraback: modification to collect alert configuration in processing by process▪ Persistence days: if set to 0, it will take a year of persistence.▪ Link registry step after payment step: when all payments are done it passes to registry step automatically.▪ Automatic registry: If automatic registration mark is checked, registry process is triggered automatically when registry step is reached.▪ Signature applet: document annexing page is modified

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- to split document if it's greater than a specified limit (currently 3Mb).

 - ZONAPER:
 - Processing alert generation procedures.
 - Helpdesk: add NIF filter in preregistration search

Changes to configuration files (for more information on properties read installation documentation):

- zonaper.properties:
 - Add properties:
 - scheduler.alertasTramitacion.schedule
 - scheduler.alertasTramitacion.cron.expression
 - scheduler.alertasTramitacion.pagoFinalizado.avisolnicial
 - scheduler.alertasTramitacion.pagoFinalizado.repeticion
 - scheduler.alertasTramitacion.preregistroPendiente.avisolnicial
 - scheduler.alertasTramitacion.preregistroPendiente.repeticion

2.23. Version 2.2.8

This version fixes bugs on Control Form Item List and it includes the communication and notification audit.

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2.24. Version 2.3.0

The main feature of this version is Forms front-end redesign.

The features of this version are:

CHANGES MADE
<ul style="list-style-type: none">- FORMS :<ul style="list-style-type: none">▪ Front-end redesign▪ Incorporate new Section control▪ Add new text type property to TextBox control (Date, Number, Amount,...)- SISTRA:<ul style="list-style-type: none">▪ Sistrafront: style adaptation to new Form redesign▪ Payment script modification to indicate a payment timeout (to be implemented by corresponding plug-in).- INTEGRATION:<ul style="list-style-type: none">▪ Add configurable soap action on calls to integrations (domains, warnings, etc)▪

2.25. Version 2.3.1

In this version incidences of new Forms front-end are solved and Captcha control is added.

The features are:

CHANGES MADE
<ul style="list-style-type: none">- FORMS :<ul style="list-style-type: none">▪ Front-end redesign incidents▪ Incorporate new Captcha Control- ZONAPER:<ul style="list-style-type: none">▪ ZonaperWs: new method to query processing payment status.

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2.26. Version 2.3.2

In this version the main novelty is the new REDOSE functionality for document migration between locations and @firma client update (3.3. 1 Update 5)

The features of this version are:

CHANGES MADE	
- REDOSE:	
▪	Migration between locations
▪	Set limit in document purge
- BACKS:	
▪	Add version number in the foot
- SIGNATURE:	
▪	Update CAIB applets
▪	Update @firma client 3.3.1 Update 5 (see notes)

Changes to configuration files (for more information on properties read installation documentation):

- redose.properties:
 - Add property:
`scheduler.jobPurgadoDocumentos.limite`

NOTE: Following topics were found related with @firma client:

- It's necessary to invoke applet load function inside html body in IE. For instance, mock login pages were modified with this change.
- Using Chrome, applet load procedure performs a call that interferes with authentication mechanism (only login part). As a workaround, it's necessary to interrupt this call on web server avoiding it reaches the application server and redirect it to any page outside protected space. For an Apache server, it would be necessary to insert next lines at configuration level:

`RewriteEngine on`

`RewriteRule ^ / sistrasfront / protected / is \ .gob \ whose close collaborator \ .applet \ .SignApplet $ /index.html [R]`

SISTRA - VERSIONES

2.27. Version 2.3.3

In this version, some aspects of Forms redesign are improved.

The features of this version are:

CHANGES MADE
<ul style="list-style-type: none">- FORMS:<ul style="list-style-type: none">▪ Label: allow entering information, alert or error messages.▪ Unique selection box: establish horizontal or vertical orientation.▪ Textbox: allow placeholder (for browsers supporting it)▪ Drop down list: choose between single or multiple selection.▪ Combo: indicate if alphabetical index is displayed as shortcut.

2.28. Version 2.3.4

SMS shipment control by procedure and allowing to specify a deadline for a notification are implemented in this version.

The features of this version are:

CHANGES MADE
<ul style="list-style-type: none">- MOBTRATEL:<ul style="list-style-type: none">▪ SMS shipment control: when a shipment is performed it's possible to indicate procedure for statistics creation of shipment by procedure.- REGTEL:<ul style="list-style-type: none">▪ Allow specifying a deadline for a notification.▪ PDFs adjustments for notification acknowledgment of receipt.- BANTEl:<ul style="list-style-type: none">▪ Records Management: record filter in search▪ Records Management: it allows attaching PDFs in notifications and communications. Signature only permitted in PDF/A.

SISTRA - VERSIONES

Changes to configuration files (for more information on properties read installation documentation):

- zonaper.properties:
 - Remove Property:
`avisos.cuentaEnvio`
 - Add properties:
`avisos.cuentaEnvio.avisosExpediente`
`avisos.cuentaEnvio.delegacion`

2.29. Version 2.3.5

This version fix minor incidents.

The features of this version are:

CHANGES MADE	
- MOBTRATEL:	<ul style="list-style-type: none">▪ Disable mobile numbers validation in mobtratel interface to allow internal extensions.▪ It's permitted to set shipment simulation by email and/or SMS individually.
- ZONAPER:	<ul style="list-style-type: none">▪ Zonaperback: bug when a stamp of confirmed prerecord is reprinted

Changes to configuration files (for more information on properties read installation documentation):

- zonaper.properties:
 - Remove Property:
`envio.simularEnvio`
 - Add properties:
`envio.simularEnvioEmail`
`envio.simularEnvioSms`

SISTRA - VERSIONES

2.30. Version 2.3.6

In this version, functionality to modify user NIF from the Helpdesk is added.

2.31. Version 2.3.7

In this version, functionalities to save a half filled form and PDF protection improvement to avoid correct display on mobile devices and prevent its modification in Google Chrome are added.

2.32. Version 2.3.8

In this version, some aspects of Forms redesign are improved.

The features of this version are:

CHANGES MADE	
- FORMS:	<ul style="list-style-type: none">▪ Drop down boxes: allow drop down options through keyboard, choice option when a letter is typed, etc.▪ Drop down list: component disabling distinction in option list.