

# CUMBRESOFT

*Argentine Software Company dedicated to digital transformation through electronic automation of manual processes and online procedures.*

## About CUMBRESOFT

[CUMBRESOFT](#) develops important projects in the Public Administration of Governments as well as in the field of industries. Provide technological solutions that streamline and transparent administrative procedures, developing and implementing high-quality software based on state-of-the-art technologies.

*“Upon leveraging ZK, we were able to rapidly create web applications just like creating desktop applications”*

## SAYGES Estudio Workflow & Architecture

ZK + Spring + BONITA SOFT +MySQL

SAYGES is our flagship product, a key digital platform to achieve high performance in the implementation of Electronic Government, it was developed with cutting-edge technology meeting the objectives of the company based on permanent innovation. CUMBRESOFT leverages ZK to build SAYGES Workflow which is a system used to automate administrative processes containing a set of activities to be performed one after another, and decide the next steps according to information obtained. Different activities are performed by different system users, depending on what your role is and what the functions are.



## WHY ZK

SAYGES has to be a web application. Many Ajax frameworks were evaluated but ZK was chosen for its ease in development, seamless integration with Java, efficient MVC model view controller, complete documentation, and shallow learning curve.

Upon leveraging ZK, we were able to rapidly created web applications with the skills we have for developing desktop applications.

## The Result

ZK has been adopted so far in several products:

- 1) **SAYGES Estudio:** SAYGES Estudio is a digital platform that covers all the needs of both private and governmental organization in a single tool. Regarding the development and implementation of processes, automation, electronic document management, digital signature and On Line customer service, along with the possibility of integrating other pre-existing systems, with multiple characteristics and components that make Sayges a fundamental tool for the modernization, innovation and adaptation of organizations to new technological trends in the market.



*“With ZK we can easily integrate with Bonita Software and thus automate business processes quickly and continuously”*

	N° Doc. Elec.	Tarea	Asunto	Trámite	Responsables	Fecha entrada	Tarea Anterior
<input type="checkbox"/>	NE-106-2020	Revisión, Tratamiento y/o Autorización	Tema: Compras	Genus		23/09/2020 13:30	Revisión, Tratamiento y/o Autorización
<input type="checkbox"/>	NE-09-2020	Revisión, Tratamiento y/o Autorización	Tema: Otros	Genus		08/04/2020 13:47	Generación Documento
<input type="checkbox"/>	NE-06-2020	Revisión, Tratamiento y/o Autorización	Tema: Baja Definitiva por Destrucción Total	Genus		08/04/2020 13:27	Generación Documento
<input type="checkbox"/>	EE-19-2020	Archivo	Tema: Otros	Genus		25/09/2020 12:27	Revisión, Tratamiento y/o Autorización
<input type="checkbox"/>	OS-2-2020	Revisión, Tratamiento y/o Autorización	Tema: Compras	Genus		24/09/2020 11:26	Generación Documento

Figure 1: Personal tray of electronic cases

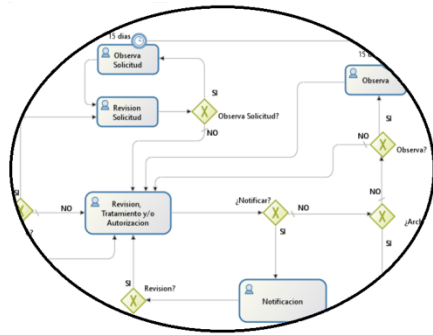
Doc. Elec.	Trámites	Asunto	Estado	Ultima tarea	Asignado a
NE-6-2020	Facturación				
NE-6-2020	Facturación				
NE-6-2020	Facturación				

Doc. Elec.	Trámites	Asunto	Sugerido por	Estado	Ultima tarea	Asignado a
EE-9-2020	Genus	Tema Prácticas Sistema	aragano	Comenzado	Revisión, Tratamiento y/o Autorización	Agustín Raganato

Figure 2: Supervision and monitoring of electronic cases

- 2) **Genus Expediente (Management of Cases System)** Created and designed for the processing of Electronic Documents (Files, Notes, etc.) in the same way that it is done with paper, having the possibility of reviewing, adding documentation and defining to whom it is sent to continue the process. That is why it is defined as an unstructured Electronic File System, since it does not follow a predefined path, but is defined by each user. The module allows the rapid transfer from a paper system to an electronic system, with multiple possibilities that facilitate the tasks and functions of the users, achieving substantial improvements in terms of processing times, response, follow-up, external consultations, notifications and initiation of online procedures.



*“With ZK we can easily integrate with Bonita Software and thus automate business processes quickly and continuously “*

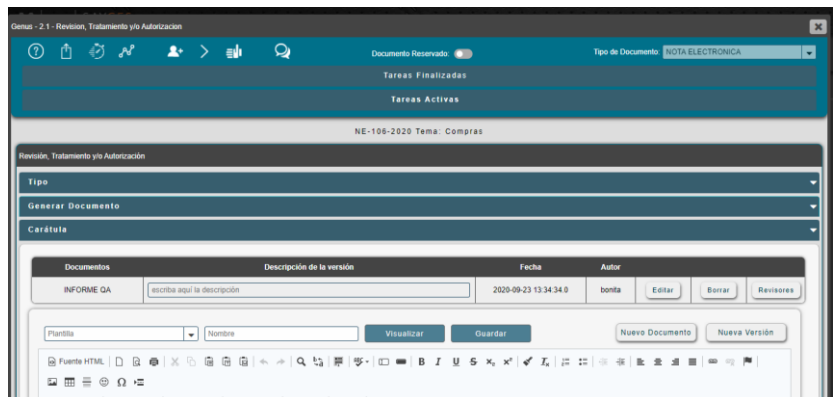


Figure 3: Managing a task in Genus Expediente

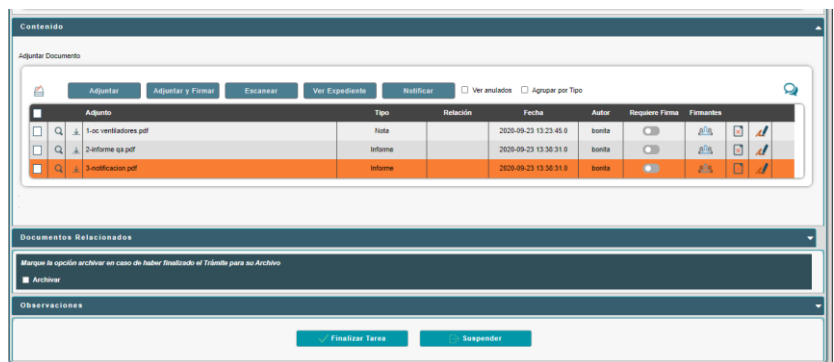


Figure 4: View of the contents of a file

*“easy to develop, seamless integration with Java, efficient MVC, complete documentation, & shallow learning curve”*

### Solicitar Turno

Sus datos

Tipo de documento (obligatorio)

Número de Documento (obligatorio)

Apellido (obligatorio)

Nombre (obligatorio)

E-mail (ingrese un e-mail válido donde se confirmará el turno) (obligatorio)

Domicilio (obligatorio)

Teléfono (obligatorio)

Datos del turno

Sector (obligatorio)

Turno (obligatorio)

opcionales)

oct 2020

lun	mar	mié	jue	vie	sáb	dom
5	6	7	8	9	10	11
12	13	14	15	16	17	18

Generar

Ingrese Código de verificación

Enviar solicitud

**MAAT** : Scheduling Service and Administration Module, not only service shifts are managed, but also allow the administration of the different procedures in the most convenient way for the organization. With a simple administration option for the configuration of all its parameters and the possibility of configuring multiple screens with different procedures according to sectors, it also makes it possible to add advertisement to the monitors or personalized messages, also generating statistics and monitoring in real time and obtaining shifts by different means (telephone, app, institutional website, self-management positions and from reception centers).

Due to all these successful projects we had with ZK, we would like to use ZK more and hopefully be able to promote ZK more in our region in the future.

### About ZK

ZK is the leading enterprise Java Web framework with more than 1,500,000 downloads. ZK is deployed by a large number of Fortune Global 500 companies, including Barclays, Allianz, Swiss RE, Roche, Deutsche Bank, Sony, Sun Microsystems, and Toyota, providing them with the ability to rapidly create rich Ajax enterprise level applications.

### Contact us

Potix Corporation

[info@zkoss.org](mailto:info@zkoss.org)  
[www.zkoss.org](http://www.zkoss.org)