

# Logiters

*Logiters provides specialized logistics solutions to a diverse range of industrial sectors in both Spain and Portugal.*

## About Logiters

Integration, specialization and innovation are the cornerstones of Logiters's business philosophy. Logiters promised to provide integrated solutions of proven quality and operational excellence. Aimed to carry out operations with full dedication and respect, striving for continuous improvements.

*"Incredibly easy to learn and use, and the workflow is smoother than any other similar tools..."*

## ZK x Logiters's automation system

Logiters developed an automation system for package picking and preparation on storages that used warehouse carousel to speed up the process. 'Status window' was showcased for each slot, allowing the workers to change to control panel when items are ready for packing. ZK was used for control panel and the main control console, enabled the workers to control the slots to be open or closed. Touchscreen-enabled interface were utilized for intuitive workflow in all the terminals.

Preparación
Reimpresión

**Reparto**

**Nº Reparto/Grp:** 150001089 / 1166423

**Referencia:** 6014300 - MULTICORREXION CREMA D/N

**Ean-13:** 1247668993

**Tipo de caja:** CAJA Nº6

**Código nacional:** 152252.8

**Información**

2

Sistema: SISTEMA  
Usuario: BERTO

**Preparación**

3

1	2	3
4	5	6
7	8	9
CLR	0	DEL

Cerrar caja

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Intercalar caja

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Cerrar con incidencia

Lote

L-043

Ubicación		
L112102B		
Cantidad Reparto		
0/3		
M153168089		
Ref.	Qty.	Lote
3555804	6	L-058
5790800	15	L-08
6318300	24	L-83

“Great selection of components that can be further tweaked, allowing a wide array of possibilities that adapt to almost any situation.”



## Architecture

ZK (Enterprise Package and Charts), Java, WebService, and OS400 (iSeries IBM) were used in this project.

## The Challenge

There was a significant amount of problems with connectivity, including constantly getting unsynchronized states and incorrect information. That was solved by frequent data refreshing and skipping random unsuccessful refreshes that derive from bad connectivity and timeouts.

## Why ZK

Logiters was looking for a modern-looking interface, in accordance with current design trends. As well as customizable controls, lightweight components, and adaptable to any dispositive. However, Logiters found out that many solutions are clunky and unfriendly to touch devices and small screens. Richfaces + JSF were used prior to ZK, and the difference is evident.

ZK demos captivated Logiters with its component variety and interface customization options. “ZK appears to be the one that brings more right-out-of-the-box functionality, allowing us to

kick-start production while having a great outlook of the project's final appearance..."

### The Best of ZK

"ZK has a great selection of components that can be further tweaked, allowing a wide array of possibilities that adapt to almost any situation." Logiters also mentioned that ZK is incredibly easy to use and learn, making the workflow smoother than any other similar tools. "The ability to design a web application with attractive and coherent interface, using the versatility and ease of java tops the list." The ease which with visual components can bind their values with the control java class was required by Logiters.

Consola Extracción Reubicación

## Extracción

Información  
 Sistema: SISTEMA  
 Usuario: BERTO  
 Modo: PREPARACIÓN  
 Estado: START

Slot	Grupo	Cliente	Ruta	Albarán	Propuesta	Prioridad	Matricula	Ubi. Tot.	Ubi. Term.
1									
2									
3									
4									
5									
6									
7									
8									

■ Albaranes: 0 ■ Ubi.Tot.: 0 ■ Ubi.Term.: 0

Fecha: 25-ago-2015

Ord.	Grupo	Cliente	Ruta	Albarán	Propuesta	Prioridad	Lineas	Litros	Kilos	Pick&Pass
<input checked="" type="checkbox"/>	1	1166423	702	IND	3600000742	623376	2	4	46,00	14,57
<input checked="" type="checkbox"/>	2	1166483	117	IND	14FVN-1416868	623424	2	1	1,00	0,06

■ Albaranes: 2 ■ Litros: 47,00 ■ Kilos: 14,64

Consola

Reposición Preparación

Información  
Sistema: SISTEMA  
Usuario: BERTO  
Modo: PREPARACIÓN  
Estado: STOP

Slot	Grupo	Cliente	Ruta	Albarán	Propuesta	Prioridad	Matricula	Ubi. Tot.	Ubi. Term.
1									
2									
3									
4									
5									
6									
7									
8									

■ Albaranes: 0 ■ Ubi.Tot.: 0 ■ Ubi.Term.: 0

Estación

Movimiento Actual					Movimiento Anterior				
Carr	Id Reparto	Ubicación	Referencia	Qty	Rep	Id Reparto	Ubicación	Referencia	Qty
						150001084	L112405B	3555804	

Logs

Fecha	Información
21/08/2015 14:11:20	Parando Sistema ...
21/08/2015 13:56:16	Sistema listo y preparado para operar

Mesas

Slot	Matricula	Mov. en curso	Estado	Open/Close
1			Abierto	<input type="button" value="On"/>
2			Abierto	<input type="button" value="On"/>
3			Cerrado	<input type="button" value="OFF"/>
4			Cerrado	<input type="button" value="OFF"/>
5			Cerrado	<input type="button" value="OFF"/>
6			Cerrado	<input type="button" value="OFF"/>
7			Cerrado	<input type="button" value="OFF"/>
8			Cerrado	<input type="button" value="OFF"/>

## The Result

Logiters's carousel-workstation combo's productivity improved by 80% (allowing four times as many packings completed in the same time). "ZK allows cross-platform use of the slot and console applications, so setting up additional slots doesn't require specific solutions." Currently, Logiters are using ZK in a number of other applications, making better and more extensive use of its capabilities each time.

### 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

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