

## Telesoft Consulting

*Telesoft Consulting was founded in Vienna, Austria in 1996. They have headed numerous projects including the launch of new mobile operators (MNO and MVNO), the deployment and migration to new billing systems and the development of various tools and systems for telcos.*

*“ZK code was our first choice and we don't regret it one bit because it is evolving with the times to satisfy ours and respectively, our customers' growing needs.”*

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### About Telesoft Consulting

Telesoft Consulting is established as a leading European company dedicated in developing first class software and services for communication service providers (CSPs). We focus on applications guaranteeing efficiency & improvement in all areas of Interconnection, Mediation, Rating and Billing.

### ZK X I-CONN™

I-CONN™ Wholesale and Interconnection Billing Platform supports the evolving business needs of today's Telecom Service Providers. Currently there are nine instances of I-CONN™ installed within seven mobile and fixed networks operators across Europe. Our intuitive web application provides a modular service enabling concept in order to give more flexibility to satisfy our customers' specific needs. It has already been proven that I-CONN significantly shortens the period for issuing wholesale invoices, reduces the requirement for hardware, as well as operating and support costs.

### Architecture

I-CONN™ does not require local installations and works just like a desktop application but via a standard web browser such as Internet Explorer, Firefox, and Google Chrome etc.

The web interface of I-CONN™ is realised by means of ZK's MVC. It

is mainly used for visualisation of I-CONN's hierarchical data models either as trees or grids. This presentation layer is on top of a complex business logic layer which accesses the data base layer via Hibernate.

*“The simplicity in adding new UI components and the elegance of the existing set of components are what our team values the most in ZK.”*



	SMS Count	Incoming SMS Ratio
2013	496,829	4.0%
December	496,829	4.0%
Tuesday	496,829	4.0%
I	19,862	100.0%
O	476,967	0.0%
2014	14,180,573	1.6%
October	5,175,271	1.8%
Wednesday	4	100.0%
Thursday	2,569,285	1.8%
Friday	2,806,002	1.8%
I	45,898	100.0%
O	2,568,984	0.0%
November	6,208,231	1.2%
December	2,717,071	2.0%
2015	4,804,917	2.4%
March	4,804,917	2.4%
Monday	2,277,785	2.8%
Tuesday	15,635	1.7%

## The Challenge

The main challenge to overcome during this project was the implementation of extremely complex business logic. Another difficulty was to represent vast quantities of reference and transaction data whilst maintaining stable performance of the system.

## Why ZK

ZK code was our first choice and we don't regret it one bit because it is evolving with the times to satisfy ours and respectively, our customers' growing needs.

ZK Java Web Framework gave us the possibility to concentrate on the complex business logic and the ability to implement advanced UI-able to visually render long item lists in a short period of time.

## The Best of ZK

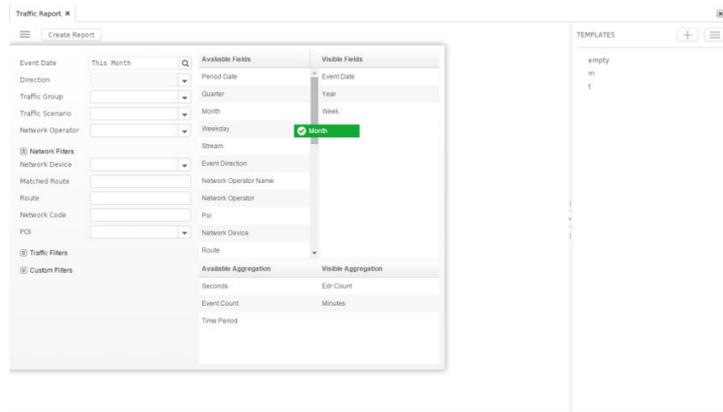
ZK, as a 100% Java Framework, gives developers the freedom to build their own components to fit ZK in the programming language that they are used to.

As a customer, it is of great importance and value to have reliable

*“We are very happy with the results and would not hesitate to use ZK again in any future projects.”*

and reactive support from ZK, in which we have first-hand experience.

The simplicity in adding new UI components and the elegance of the existing set of components are what our team values the most in ZK.



### The Result

We are very happy with the results and would not hesitate to use ZK again in any future projects. The shallow learning curve and ease of use was a huge benefit and appreciated by everyone involved.

Billing Component	Product	Zone	Zone Name	Tariff Code	Time Period	Range	Start Date	End Date	Rate Unit	Unit Charge	Currency
TERMIN				YYY	H24		01.01.2013		EVENT	0.000000	EUR
TERMIN				YYY	H24		01.01.2016		EVENT	0.000000	EUR

### 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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