

## How KenetekK helped its customer manage the antitrust regulation

### About the customer

The customer that requested the support service for the Scheduler optimization:

- Is a European leader among concessionaire for the construction and management of toll highways. Operates in 5 countries worldwide, with more than 5,000 employees.
- Has over 50 employees are entrusted to manage the proprietary IT environment.
- Has an IT architecture that spreads from Mainframe to the distributed environment.

### About KenetekK

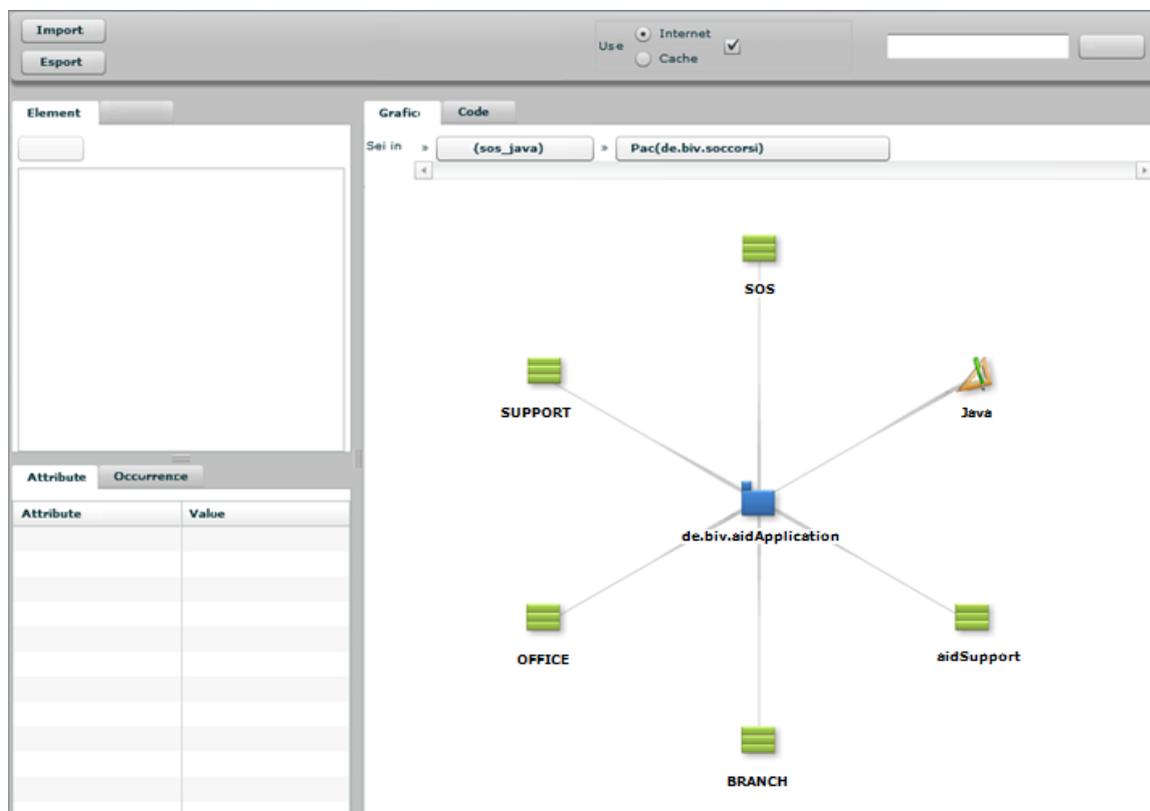
KenetekK is a global company with a highly qualified staff whose mission is to support you to manage your Application in a changing environment and put your BUSINESS in a better position to predict and control the future.

In over twenty years KenetekK has developed its skills and expertise. Founded in 2011 KenetekK has begun giving its customers an exhaustive answer in the field of application and data analysis.

Since 2012 KenetekK has been PCI Participating Organization and showcases its products and services at the PCI Community Meetings all over the world since 2013.

### The customer's problem

*"We needed a turn-key solution that could help us verify that all our algorithms responded to the antitrust regulations imposed by the regulator "*



*Dashboard that display the Java packages*



## The dimensions of the problem

Kenetek, using KLR®, discovered and scanned:

- Over 10 applications with 500,000 lines of code written in Java.
- Over 5,000 text files with the antitrust regulation.

## The challenges

One of the most important challenges that we addressed was the integration between the application and the antitrust rules described in the documents.

The project has required the following steps:

1. Identify what information is managed by the applications.
2. Identify the algorithms impacted by the regulation.

## Possible solutions

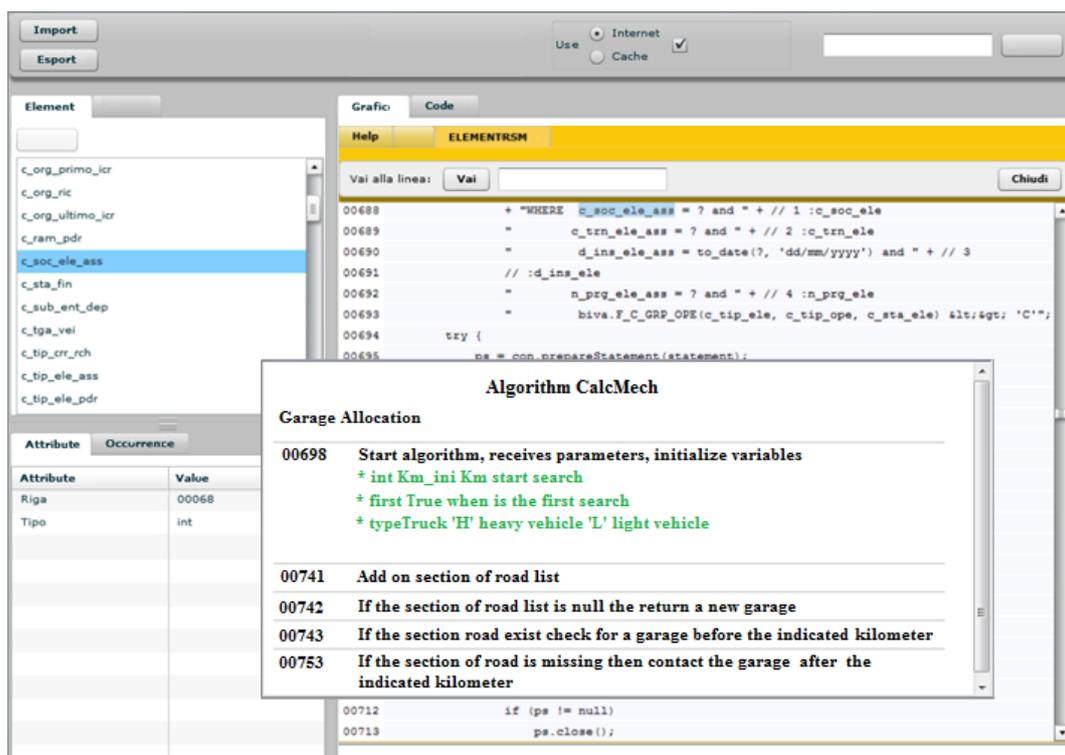
With a *manual approach*<sup>1</sup> it is hard to identify precisely where and how the application meets the antitrust regulation.

## Kenetek's solution

Kenetek uses a holistic approach thanks to the tools that have been developed over the years. By performing a static analysis of the application source code and the regulation documents the customer has the power to truly know what happens in their application with the minimum effort on its side, the only phases where the customer's IT support is required are:

1. During the source code and documents extraction.
2. Certification of the main data impacted by the regulation.
3. During the repository installation.

The produced data can be shared within the various actors involved in the compliance process, both internal and external to the organization, using a *centralized platform*<sup>2</sup> where people from different backgrounds can navigate through dashboards, metrics and reports. They can access the information they need to achieve their goal in the most efficient way possible,



Dashboard that display the source code and the conversion in a conversational language

1. By manual approach we intend an approach where a team of highly qualified professionals interview system managers and manually go through the schedulers and business processes with them.
2. The centralized platform is a win client (KLR.Net®) provided by Kenetek where the customer can, once authenticated, access the information uncovered during the analysis process using dashboards, reports, etc. All the dashboards and reports can be customized to customer requirements. All the information can be extracted (if authorized by a platform administrator) to standard formats (xls, pdf, etc.) to easily share using methods external to the platform itself.



## About KLR©

KLR© (Knowledge Language Recognition) is the answer in the field of application analysis. Proposed as a holistic engine it is used to analyze the evolution of a complex system and its parts, and the relationship between each other.

## The Results

Using Kenetek's approach the customer was able to demonstrate to the antitrust that the rules applied to their algorithms satisfy the deregulation requirements.

This resulted (compared to the other approaches) in a drastic reduction of time and relative cost for the company and reduction of the risk of related penalties.