



### ESAM manages traffic incidents with Jaspersoft's JasperReports

In developing a traffic management application, ESAM found that it needed a flexible reporting tool that could rapidly provide all the agencies attending a traffic incident with all the information they needed to quickly resolve the situation. ESAM selected JasperReports for its maturity and were impressed with its ease of integration into its own software.

ESAM is a University of Valencia spin-off company offering integrated computing solutions, consultancy and systems maintenance related to traffic and transport management. Formed in 2007, ESAM's main customers are regional and national road administrations throughout Spain and other European Union countries. ESAM works closely with the Traffic department of the Robotics Institute of the University of Valencia which is investigating and developing technologies such as 3D modelling and computer aided training.

ESAM has developed a Traffic Management Application. When a traffic incident happens, the driver or a bystander calls the police and requests assistance. Depending on the type and severity of an incident, different organisations are involved such as the fire department, ambulance, towing companies and the road administration. The ESAM application supports all the communication between the different agencies involved: at its most basic level communication is via SMS but with more complex incidents more detailed information is needed to be exchanged.

To handle these complex interactions, ESAM needed a reporting engine to give a complete overview of the status of the incident providing all the management data. Having tried making its own PDFs and experimenting with BIRT amongst other products, ESAM decided that nothing had the same level of maturity as JasperReports.

"We chose JasperReports for our Traffic Management Application because of its flexibility and our past successful experiences of using the iReport tool. One of the key benefits of using JasperReports is the ability to change report layouts almost instantaneously without changing the application. We wrote a simple file uploader with a remote server compiling component and after changing layouts we just distribute the new report to our users," said Leo van den Berg of ESAM.

"Once we had mastered the JasperReports product, integrating it with our own software worked like a charm. We have developed overview reports, "Situation Reports", which provide all the organisations involved with all the information they need via email," continued van den Berg.

#### FAST FACTS

##### CUSTOMER

University of Valencia – ESAM

##### COUNTRY

Spain

##### INDUSTRY

Traffic Management

##### SOLUTION

Jaspersoft's JasperReports

##### RESULTS

Fast and flexible reporting for all agencies involved in traffic incidents

“Thanks to the success of this project to date and the seamless integration of Jasper-Reports into our own software we will certainly be looking into using some more of Jaspersoft’s business intelligence software in other projects,” concludes van den Berg.

## About Jaspersoft Corporation

Jaspersoft provides the most flexible, cost effective and widely deployed Business Intelligence suite in the world, enabling better decision making through highly interactive, web-based reports, dashboards and analysis. Leveraging a commercial open source business model, Jaspersoft provides end-to-end BI capabilities at a fraction of the cost of other vendors. The BI suite includes pixel-perfect enterprise reporting, ad hoc query, dashboards, OLAP and in-memory analysis, and data integration. Jaspersoft is the only BI vendor that enables companies to adapt to the new, virtualized world by providing a complete spectrum of on-premise, multi-tenant SaaS and cloud-based deployment options for both embedded and standalone business intelligence. Unlike traditional BI vendors, Jaspersoft is built on a modern, light-weight, standards-based architecture and offers greater vendor independence thanks to its open source codebase. Unlike niche BI vendors, Jaspersoft represents a safe choice with tens of thousands of production deployments across a wide range of industries.

Jaspersoft’s open source business intelligence software has more than 12 million product downloads worldwide, 175,000 production deployments in 100 countries and over 13,000 commercial customers. Its BI suite is advanced regularly by a development community of more than 150,000 registered members. For more information visit: [www.jaspersoft.com](http://www.jaspersoft.com) and [www.jasperforge.org](http://www.jasperforge.org).

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