



**CPM Braxis**



**CPM Braxis implements an EH&S SAP  
module at a multinational company of  
the automotive technology area**

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## **1 - Presentation**

The project developed for the customer provided for the implementation of the EH&S (Environment, Health and Occupational Security) module at four customer's plants established in Brazil. The customer wanted a corporate tool that could allow the management and operation of the security and occupational health areas in conformity with the legislation in effect.

CPM Braxis used the SAP EH&S Standard (release 27.b) with customization of legal reports using the workflow tool for follow-up of the action plan in the accident, incidents occupational disease management process, and investigation of workplace. The domain of this SAP technology and the experience gained in the implementations of the packet of legal reports at other clients have guaranteed the reduction of the implementation term by 50%.

## **2 - Customer**

A world leader in the supply of technology and services, the company has been operating in Brazil since 1954, offering products and systems for all automobile manufacturers installed within the national territory. In the local marketplace of automotive replacement parts, the company offers the most comprehensive line of products and the largest chain of authorized services.

In 2006, it recorded a net invoicing of R\$ 3,7 billion. In South America, the Group employs almost 15 thousand people and recorded in 2006 a net invoicing of more than R\$ 5 billion, with investments exceeding R\$ 155 million.

## **3 - Need**

The customer wanted to replace the systems and standardize the controls and manual processes at the Medical and Occupational Security Departments, using SAP EH&S module. The manual processes caused a delay in the managements of the action planning process, as well as in the communication of accidents, incidents and the calling for periodical health tests. There was also lack of agility in the communication between the Health and Occupational Security areas.

The standardization was a huge challenge, as each factory had its own process standard. Another critical matter of CPM Braxis operation was the adequacy of the agenda of the project's users, as their daily tasks were added to those required for the

implementation of the new solution. As the team was not large, everyone had to join efforts in order to be able to maintain their work and withstand in parallel the project's activities.

The company's main purpose was controlling its processes in a corporate system, and accordingly, optimize the information search and registration work. With the developed project, the company preserves the health of its employees, is proactive in relation to risks, in addition to complying with the legal requirements.

#### **4 - Challenges and solutions**

- Design a single process model for all of the company's plants installed in the country.
- Administration of key users' agendas in order to equalize the day-to-day activities with the project's dynamics and demands.
- Carry out the project in 50% of the implementation time in relation to the average implementation terms (six months of project).

#### **5 - Scenario**

The client worked based on spreadsheets and documents with manual inquiry, registration and maintenance, which brought about a series of problems such as delay in the management of action plan processes, communication of accidents/incidents and in the call for periodical health tests. There was also lack of agility in the communication between the Health and Occupational Security areas.

The lack of control in the test routine caused impacts on costs to the company. After all, many tests were performed unnecessarily.

The lack of appropriate storage of information on previous accidents and risks of each the area prevented, for instance, the performance of any prevention work.

The company did not use any Health, Security and Environment Management software and each plant used a distinct process for the process management.

#### **6 - Actuation of CPM Braxis**

CPM Braxis used accelerators developed internally by its team. It was one of the critical factors for the implementation within a short term and the optimization of resources.

The customer stresses the quality of the management methodology and the implementation performed by CPM Braxis' professionals, such as visibility of the progress of the project and documentation of the processes developed. With this image at a large size customer, CPM Braxis marks presence as a reference in quality in the Functional Counseling marketplace for the EH&S module.

The devoted participation of key users and the deep knowledge of businesses and the technology by CPM Braxis' consultants were determining factors for the success of the project. For being an implementation at four plants in which there was not a single process, the consultants have used as basis the best market practices. These practices were refined by the key users to the customer's needs. And then, a single process was shaped.

## **7 - Implementation**

The project performance attained full success, with total compliance with terms, cost and quality. The implementation was completed within only six months, as expected.

The team of professionals operating in the project was comprised as follows:

CPM Braxis: one project manager and five consultants, involving Functional Counseling, ABAP and Workflow,

Customer: one project manager, 25 employees with direct participation and 20 users as support.

The continuous improvement of the solution sponsored by the project team, combined to the visibility and implementation methodology, were highlighted by the customer in this project.

The go-live occurred smoothly as planned, with no subsequent interruptions in the operating routines. The implementation strategy was the "big bang" strategy, in which all plants started operating simultaneously with the new SAP EH&S module.

During the post-implementation support phase, the customer relied on a team devoted to serving open calls and the strong participation of key users and project consultants.

## **8 - Benefits**

CPM Braxis developed a risk mapping in which each area was exposed. Hence, the customer was able to perform the adequate tests in accordance with the employee's work profile and area. With such data, it was possible to have a statistical control of each area in order to perform a prevention work against new accidents. All reports are now automatically generated, which allows the performance of a more appropriate follow-up of each person's health. Some programs developed to obtain the intended benefits are listed below:

### **PPP - Social Security Professiographic Profile**

Performed automatically, reducing the time to 10% of the current time;

### **PPRA - Environmental Risk Prevention Program**

100% automated, detailed, with environmental control, limit monitoring, statistics, etc.

### **PCMSO - Health Care and Occupational Health Control Program**

100% based on information entered at PPRA in a clear and quick fashion.

### **EPI - Individual Protection Equipment**

Control of delivery at the system, allowing the follow-up and management reports.

### **Audiometry**

Every test is registered in the system allowing the control, monitoring, analysis, registration, comparisons, and statistics.

### **ASO - Occupational Health Certificate**

Automated System.

### **Tests x Risks**

Predefined according to the limit of risks.

### **LTCAT - Technical Report on the Working Environment Conditions**

Report generated on line.

**Action Monitoring**

Performed automatically with monitoring and visualization by managers.

**Investigation of accidents**

Performed by an analysis group (Social Security, Personal, Health Care, Security, Ergonomics sectors) with standardization and monitoring of actions

**9 - Results**

- Full integration among the Health, Security and Environment areas.
- Corporate extent that allows the monitoring of actions/data by Managers.
- Agility in the Calling for Occupational Health Tests for exposition, via e-mail. The standardization in all processes involved in the project among the four plants.