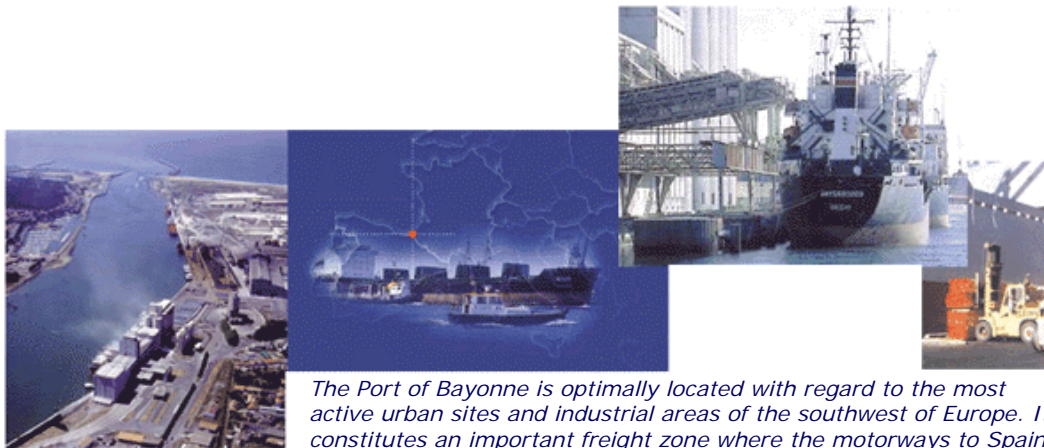


## The Port of Bayonne : supervision of a fast growing business platform

Associated with SCHNEIDER ISIS 3000, ALERT contributes to a better management of the electrical energy and to an optimum control of the level crossings of the Port of Bayonne.

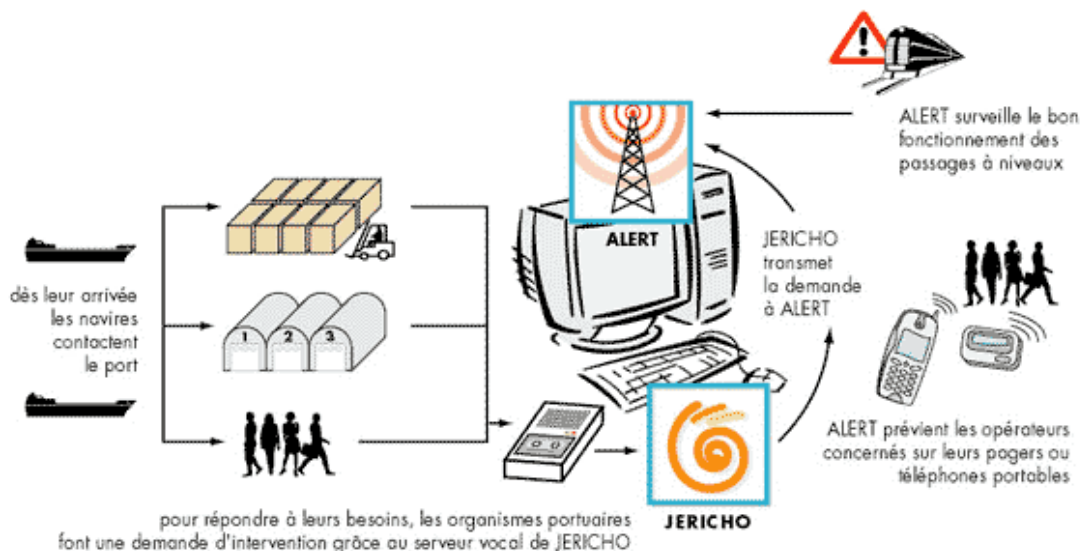
The implementation of JERICHO vocal server enables a better communication with the port-users.



*The Port of Bayonne is optimally located with regard to the most active urban sites and industrial areas of the southwest of Europe. It constitutes an important freight zone where the motorways to Spain-Toulouse and Bordeaux cross.*

### Background

Let's first concentrate on the management of the electrical energy. Before the implementation of the new management process of the circuits breakers and meters, it was impossible for the maintenance team to detect an electrical failure as soon as it appeared. It was indeed only detected when a special operation failed for electrical reason. If, for example, there was a lighting failure in one of the warehouses due to one of the meters, the maintenance team could only detect the failure when entering the warehouse. The persons who wanted to use the warehouse and who could not contact the maintenance service were lost !



## Description of the solution

Désormais, toutes les ressources électriques sont gérées par un système informatique central muni du superviseur Isis 3000 de Schneider. Il permet une gestion automatique des disjoncteurs et compteurs électriques.

ALERT s'interface avec le système Isis 3000 et détecte toutes les alarmes transmises au superviseur. Il se charge ensuite d'appeler les opérateurs d'astreinte ou concernés par l'alarme qui s'est déclenchée sur leurs téléphones portables. Les dysfonctionnements électriques peuvent donc être détectés instantanément et l'équipe de maintenance informée en temps réel !

ALERT conserve également un historique des alarmes qui permet aux responsables de la maintenance du port une traçabilité totale.

## Level crossings under control

The Port of Bayonne contains several level crossings. ALERT participates in the functioning management of these level crossings. When, for instance, a level crossing remains lowered quite a long time or when it does not lower at the right speed, ALERT warns the concerned operators. It thus enables a much more fluid and secure management of the level crossings.

## New Vocal Server for the Port of Bayonne

The Port of Bayonne has also chosen to install JERICHO vocal server. JERICHO offers a complete vocal interface which allows the harbour users to consult information or leave messages. Associated to ALERT, it enables the harbour customers to signal an event by phone and ask for the intervention of a harbour member.

Thanks to ALERT/JERICHO interface, the customers can leave a message to any operator intervening in the management of the harbour. When, for example, a boat arrives and needs to be unloaded, a docker can warn the harbour staff by leaving a message on JERICHO vocal server which transmits the message to ALERT. Then, ALERT calls the concerned operators.

## Advantages of the system

Time saving, mobility, optimized management, tracability.

### The Port of Bayonne Key figures

- **First exporter of corn in France**
- **Tonnage of the harbour: 4.5 millions of tonnes**
- **1 200 movements of ships**
- **A capacity of 4.5 millions tonnes**
- **2.8 millions tonnes sent**
- **1.7 millions tonnes unloaded**