



CASE STUDY



Casablanca – Design and biddings documents for the Traffic and Security Management Center

As Marocco biggest city, with more than five millions inhabitants, Casablanca encounters major traffic and security issues. Goals of the Intelligent Traffic Systems are :

- Improving traffic conditions
- Ensuring security in publics areas

CeRyX Traffic System missions were :

- Identifying existing software and materials to define possible future Intelligent Traffic Systems modifications and customer needs
- Presenting and proposing different possible functionalities to the contracting authority
- Proposing human and material organization to operate and maintain futur ITS
- Estimating investment costs, training and exploitation costs
- Proposing a realization planification
- Editing requirements specification to start an international concertation

PROJECT DETAILS AND BACKGROUND

CeRyX Traffic System has begun by meeting actors of the futur traffic regulation strategy and security in Casablanca :

- Wilaya of Casablanca
- Municipality
- Police Department
- Travel organising Authority
- Royal Gendarmerie

CeRyX Traffic System has established a functioning review of the present situation, which is based on a big human intervention.

A review of the existing materials has been realized and the possibility to keep using them has been considered.

Finally, CeRyX Traffic System has established a map of the existing networks on area : public network or private ones which could be rented.

SOLUTIONS DELIVERED

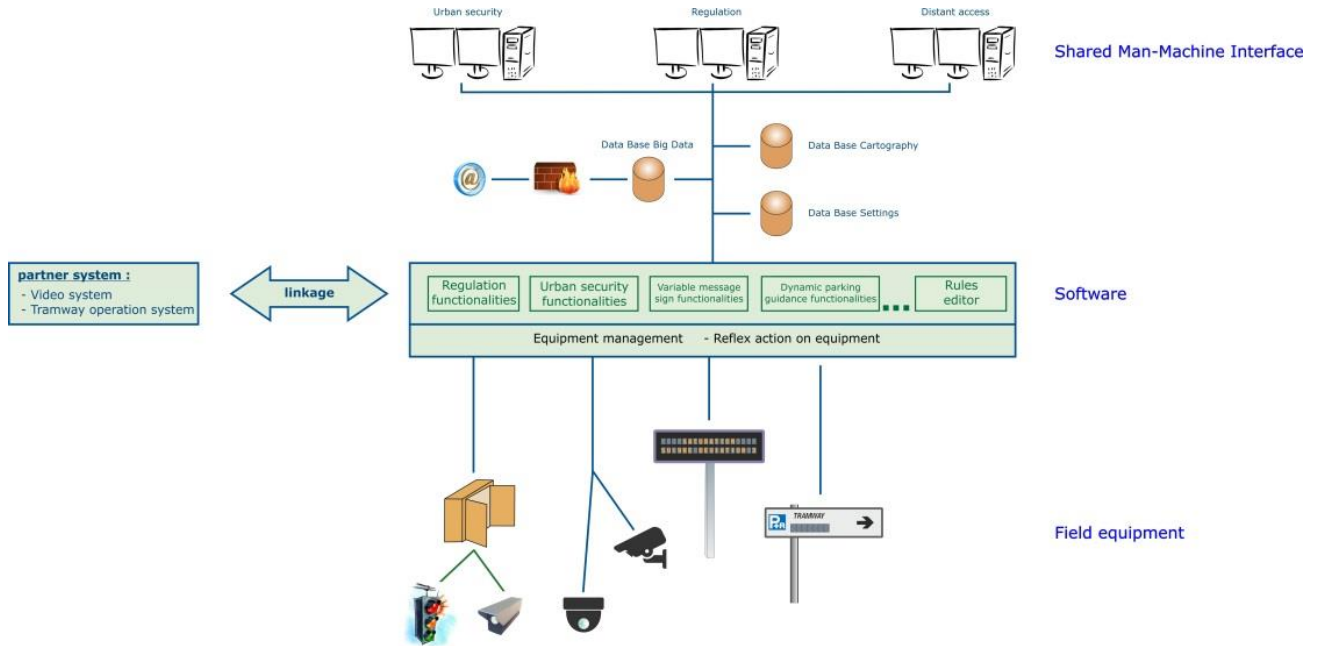
With all these data, CeRyX Traffic System proposes an integrated system, to optimize investment costs and maintenance :

- There is only one platform for all the fonctionnalities. Operators have access to different functionalities, depending of there login. This exclusive platform is a way to limit the informatical equipment (servers, operating computers...)



On site, equipments have several utilities, for example :

- Cameras : They can be use for traffic regulation (cars counting, saturation detection...), but they also can be use at night by the police, to monitor the streets.
- Some equipments can read number plates : They can help the police identifying stolen cars, but also help calculating travelling time (following the vehicle from a location to another) and be a data for the traffic regulation strategy



Représentation schématique de l'architecture mise en place

Project has been concluded by the writing of an international markets realization.

These markets collect every aspect of the project : civil engineering, supply of traffic regulation and urban security equipment, supply of centralized system, exploitation rooms planning, users training, 4 years maintenance...