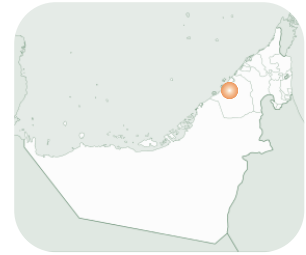


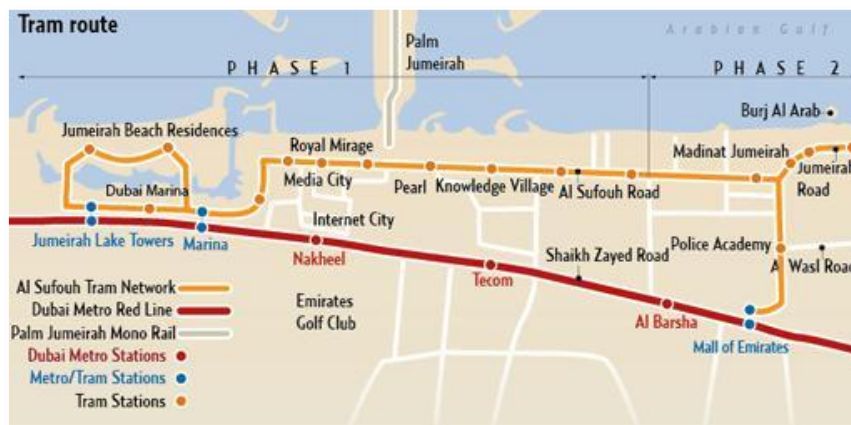
CASE STUDY



Dubai Al Safouh - RS Design – Traffic lights Expertise

The construction of the first tramway line in Dubai (the Al Sufouh Tram) was entrusted to Alstom-Besix Consortium. It is completely powered by ground-based electric supply system.

Ceryx Traffic System worked as a subcontractor for Alstom as specialist of road signalling for studies to commissioning.



PROJECT DETAILS AND BACKGROUND

CeRyX Traffic System had raised awareness all project stakeholders on the importance and on the functioning of the priority for the tram.

The Keypoints were very international environment :

- Local Signaling regulation similar to those of the united states
- A german material (SIEMENS) for Traffic Lights Signalling
- Multicultural actors of the project.

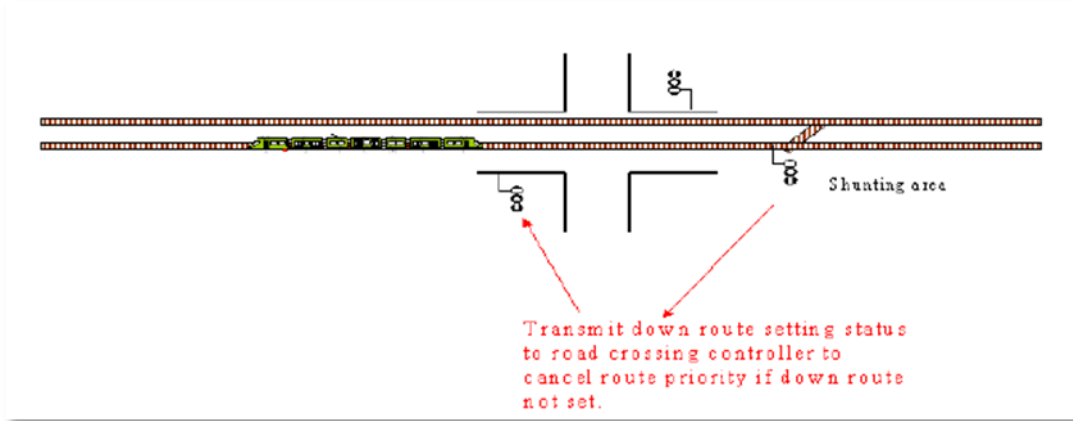
ANALYSIS AND METHODOLOGY

CeRyX Traffic System has :

- presented the principles of trams priority at junctions with traffic lights

attended Alstom in developing and rereading general specifications and detailed system design.

- made recommendations regarding the implementation of tram detection loops on the 10 kilometers from the first line.



- participated in the development of the specification of each junction.
- co-authored the testing process and recipe of priority subsystems at traffic lights.
- participated onsite in setting the final point of the subsystem during scale tests in preparation for the inauguration of the system.

SOLUTIONS DELIVERED

The first phase is 10,6 kilometers long. It has been inaugurated in novembre 2014.

