

Spirtech Consulting meets the needs of the public transport actors

Paris, January 25, 2010. Spirtech creates *Spirtech Consulting*, devoted to assisting transport operators and organizing authorities in deploying interoperable, multimodal and multiapplicative teleticketing systems.

Spirtech Consulting teams are composed of experienced engineers. They are experts on teleticketing and notably on Calypso technology which is increasingly implemented in interoperable teleticketing systems. They are the best to accompany contracting authorities when they have to manage the development or the renovation of a teleticketing system. *Calypso* is a teleticketing standard developed by transport operators and promoted by industrialists.

« Spirtech Consulting is the alliance of strong technical knowledge and project management skills. Spirtech Consulting is an innovative service in the field of the assistance to contracting authorities. Spirtech Consulting development is the logical conclusion of our decade passed working with the different actors of this sector », Emmanuel LEBEUL explains. He is the responsible for this activity.

Spirtech's independence from industrialists and its successes in leading teleticketing project for public transport actors give to *Spirtech Consulting* a specific understanding of the stacks. Spirtech Consulting notably focuses on facilitating the communication between industrialists, operators and public authorities.

As the teleticketing systems are becoming increasingly complex, Spirtech Consulting is the perfect answer. Since consumers demand more and more services, an increasing number of actors have to collaborate in a teleticketing project. In the same time, security has to be reinforced to guarantee the integrity of the system. That's why these projects require technical and managerial skills: project management, complex system understanding, contactless expertise, security knowledge, diplomacy, etc. Spirtech Consulting fulfill all these key requirements to make the projects succeeded.

For companies and public actors who want more than a simple project manager to carry out their teleticketing plans, Spirtech Consulting identifies the current and future needs in terms of security, accessibility or supports optimization. Its services include assistance to contracting authorities and the redaction of specifications and requirements.

Spirtech Consulting also proposes to carry out tests and qualifications. *Spirtech Consulting* can provide technical or managerial learning session about teleticketing, cryptography and electronic banking. These skills complete assistance and consulting missions. They favour an optimal working of a teleticketing system (AVM, loading, validation, etc.). *Spirtech Consulting* benefits from the engineering developments made by Spirtech and have its proper tests and validations tools. Thanks to these tools, *Spirtech Consulting* experts check and ensure the working of the teleticketing systems and products before, during and after their uses.



Spirtech notably aids the STIB/MIVB in Brussels to carry out its teleticketing system and manages the tests platform. Its experts also make the validation tests of the system to guarantee its integrity and correct its malfunctions.

Spirtech has won the call for tenders issued by *Lille Metropole Communauté Urbaine* and will accompany this transport authority in the deployment of its new interoperable teleticketing system in 2010.

About Spirtech.

Spirtech is an independent engineering and design company, expert in the fields of smart cards, teleticketing and cryptography. Its experts participated to the creation of significant innovations such as the ISO14443 standard and the teleticketing standard Calypso. They also designed the SAM-S1 which is used to secure Calypso transactions all over the world. Spirtech advises transport operators and Calypso-licensed companies when they wish to implement Calypso foster interoperability and multimodality in their teleticketing systems.

Spirtech is also the technical assistant of Calypso Networks Association.

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