High Potential Initiatives Profiles

Accelerator

FICHE

Project and Organization

SMARTHOSPITAL - MYSPHERA

Country

Spain

Project Abstract

Real Time Location Systems are completely automatic systems, which monitor the position of a mobile element using a specific frequency. Both real time location systems services (RTLS) and identification systems are based on radiofrequency (RFID).

The application/implementation of this type of systems are becoming widely accepted in hospital environments due to its high return on investment, with respect to human and material resources management, increasing the clinical safety of patients. It is important to choose the right system as many systems are not specifically designed for hospital environments and cannot carry out the needs of its clients. Likewise, it is important that the system is independent. It should not interfere or affect the hospital equipment and nor can it saturate their communication networks or technological WIFI infrastructure.

MYSPHERA is a unique solution that addresses the problems related with hospital processes as patient safety, staff shortage and workload, too much equipment spending and lack of care efficiency and visibility providing a real-time process information platform integrating all kind of crucial real-time information linked to patient care or logistic processes, in order to improve assistance quality and reduce operation costs.

MYSPHERA makes use of FIWARE technology to merge information from different external sources modelling the patients and equipment in a centralized manner, and to enable the creation of new services and functionalities in a simple way and with the capacity of multi-access (tablets, PC, TV, smartphone, etc.). MYSPHERA implements the following FIWARE Generic Enablers (GEs): Orion Context Broker for data/context management, and Geo-Fencing SE to use indoor location tracking information.

Sector

Human Health and Social Work Activities

Target Market

B2B

Business Model

SMART CITY SOLUTION	NO
CLOUD SOLUTION	YES
SOCIAL MEDIA SOLUTION	NO
MOBILE SOLUTION	YES
BIG DATA/ANALYTICS SOLUTION	NO
IOT	YES

Website

http://mysphera.com/en/