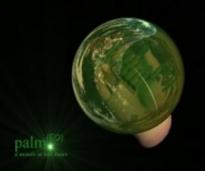# PalmEO

Territorial enhancement: handy interaction

PalmEO is a platform for tourist enhancement of the territorial, consisting of mobile devices (PDAs) that interact with a number of smart tags placed in the points of interest of the area. For its quality, the platform is able to enhance entire areas, so surprising and highly innovative. Even where resources are limited, or shortly available, through the multimedia, computer graphics and augmented reality, you can capture the attention of the visitor in a totally innovative.

The interaction is the predominant factor that creates a strong attraction to the use of the medium and the site visit. An interactive virtual avatar assists the visitor while driving, telling stories, anecdotes and curiosities of the places or things to be visited. The spot information from traders, who participating as sponsors, are integrated in the story.

How it works.

PalmEO can reach the area to be visited via the GPS system (Long Range Navigation). As you approach the area, at a distance varying between 80 meters and one meter, the system communicates with smart tags placed on each point of interest that lies within this range.

In this way, the system provides the ability to discriminate, points of interest distant less than 2 meters between their. The Multimedia content related to various points of interest, can be played on the handheld as a function of GPS coordinates, of the nearness to a point of interest or of a precise hours.

Applications.

PalmEO is an exceptional tool for the territorial enhancement (single theme or mixed), according to customer needs and to particularities of places.

Is a great product to archaeological parks outdoors (of considerable importance in this context, it is the 3D virtual reconstruction, which can be integrated into multimedia content to show visitors what is no longer visible), to nature trails (with interactive database of flora and fauna), cultural-historical paths for city, for trekking.

PalmEO consists of the following elements:

DEVICE – a PDA with high-performance processor and color touch screen, is the communication device between the area and the visitor. The interaction occurs with videos, images, 3D reconstructions, sounds, music, who broadcast information on the surrounding environment. The mobile device collects the signals from the network of smart tags and processes them for transmit, in any situation, the most appropriate media content;

NETWORK TAGS – a system of smart tags, located at each point of interest in the area, which integrate with the GPS system, creates a real network sensitive that it allows visitors to interact with the site;

SOFTWARE – the heart of the system is an innovative software that allows interaction between the points of interest and the mobile device, with a simple and intuitive interface that allows at any type of user to have full control of the system.

Features:
- Reader Smart Labels with receiving ranging from 80 meters and one meter
- 624 MHz processor
- TFT display 4.0 "65K colors, 640 x 480 px touchscreen - LED
- WLAN 802.11b / g - Bluetooth ® 2.0
- Weight: 200 g
- Dimensions (depending on cover): (W x D x H) 9 x 2 x 16 cm
- Memory: 128 MB SDRAM, 256 MB flash ROM
- Audio: speaker connection and 3.5 mm headset jack, stereo
- Power Supply: AC Input: 100 ~ 240 VAC, 50/60 Hz, AC Input current: 0.5 Aac max, Output Voltage: 5.2 V DC (typical), Output current: 2 A (normal)

technical informations:
phone: +39 340 6750161
email: info@logus.it

sales informations:
phone: +39 327 0113429
email: commerciale@logus.it