



MOBILITY / **SMART CITIES**

MULTIMEDIA KIOSKS
AND DIGITAL BILLBOARDS



Smart Cities

The construction of new paradigms of urban development, focusing on the model of Smart Cities, implementing an strategic intervention in several areas related to mobility, environment, energy, entrepreneurship, creativity and social innovation.



Bus Stops of the Future

We promote through **our** products and systems the development and production of innovative urban solutions for smart cities.

There are already Interactive Bus Stops with **our** technology, a project and equipment model .



Multimedia kiosks and Digital Billboards

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Automatically changing content with one single click!

Disclosure of Content in real time!

Advertising needs to be interesting, and what's interesting should not be static for long.

Nowadays, changing digital content is done automatically with a single click, through the equipments back office, or even remotely, with an incorporated application installed on a smartphone or tablet.

This excludes the constant costs of printing new banners and the daily work of swapping them.

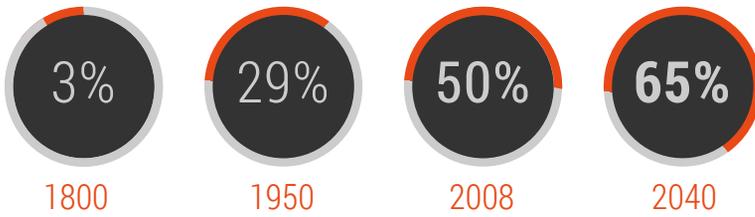




Anatomy of a Smart City

The world is increasingly more urbanized

Percentage of global population living in big cities



1.3 millions of people
move to the cities every week



Economic Influence
600 urban centers generate
about 60% of global GDP





Intelligent and Sustainable Mobility Solutions

Society is leaving the traditional media information and requiring new systems in which the technology has all the necessary information in real time and in a more accessible, attractive, organized and complete way.

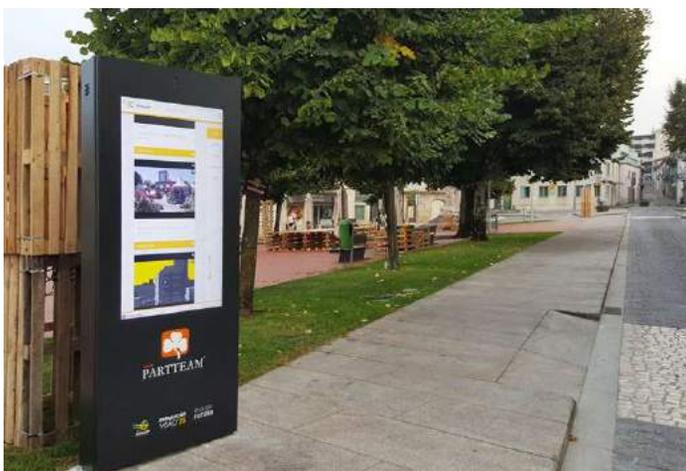
The adaptation of this type of system by citizens is fast and has excellent feedback. Interactivity with these types of systems allows to quickly find more and better information.

Nowadays, messages are no longer limited to just simple text. With this system we use the combination of images, sounds and even videos to get users attention in a more natural way.



Virtual Directories

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In addition to the location map of all points of interest, these kiosks allow users to find a lot of information such as promotions, tourist itineraries and newsletters. Furthermore, they can even be used for advertising and partnerships, through digital signage software.



Precision



Answer



Touch





A New Way of Citizenship

The Smart Cities are sustainable cities thinking about people, where the social progress and well-being are the motto for the incorporation of projects and urban solutions.

The goal is to build efficient and useful solutions in the fields of education, health, environment and the management of our resources.

A challenge that compels us to reinvent cities, making them more competitive and with excellent services.





Virtual Directory

FLAG MODEL



Touch screen
(SAW, Infrared, ProCap)

Parking Lots Information

Development and production of multimedia kiosks and interactive digital billboards for a concept of digital information about the parking lots occupation.

“The entity Parques de Sintra-Monte da Lua manages the natural and cultural heritage of the Cultural Landscape of Sintra and Queluz, which includes several parks, gardens and monuments, most of which have been awarded with prizes in the area of nature conservation, tourism, requalification and urban rehabilitation.”

Another important contribution to Smart Cities and urban mobility.





Rail Trails and Bike Paths

PLASMV AND FLAG MODELS



Outdoor Interactive digital billboards running as digital directory on mountain rail trails and bike paths.

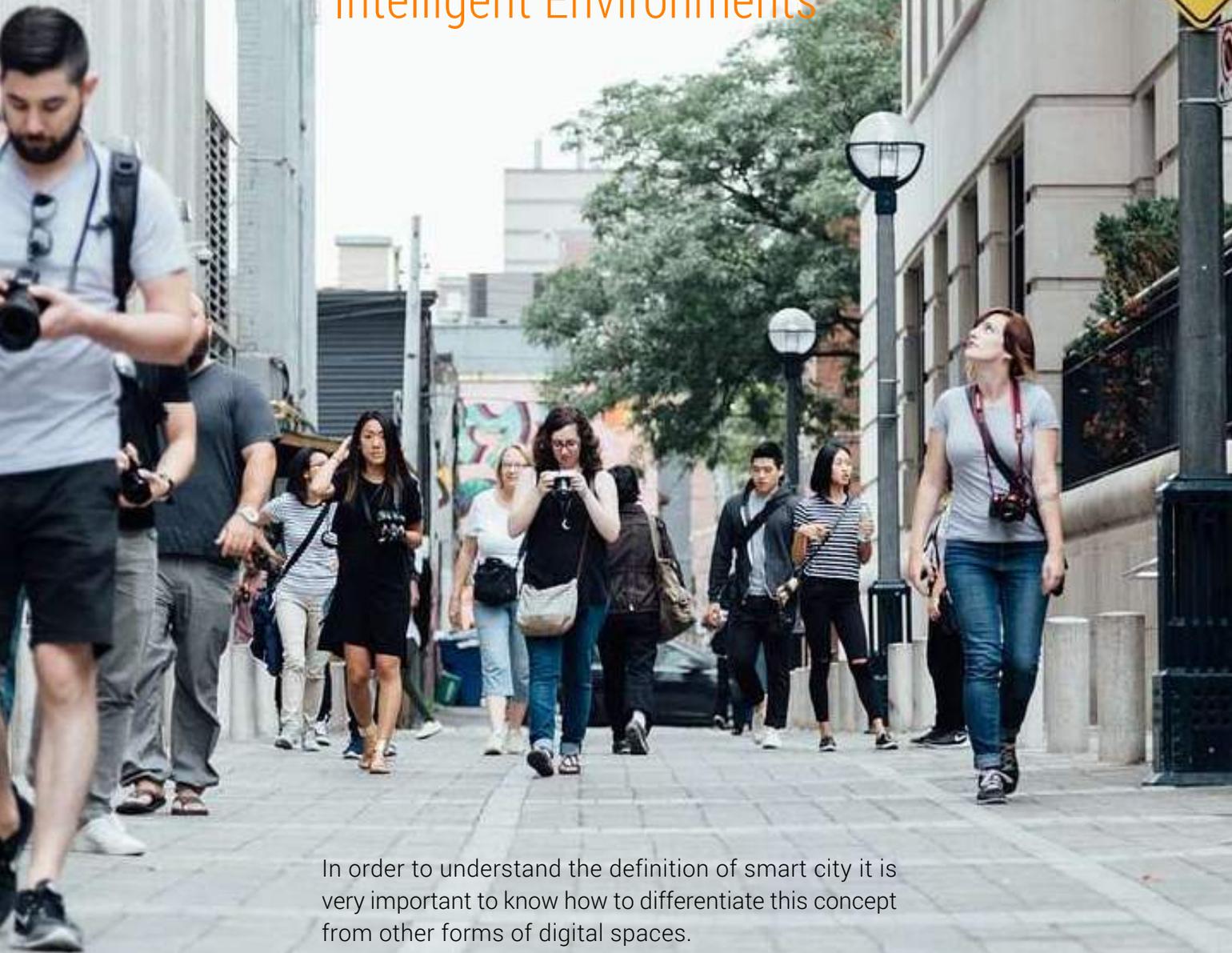
The use of large displays allows maps to be presented in high definition, leading to an intuitive search of a place or map navigations.

This kind of equipment is ideal for an integration with wayfind and tour guides related software, offering users an extremely useful tool when searching for places of interest.





Smart Cities, The Digital Cities. Intelligent Environments



In order to understand the definition of smart city it is very important to know how to differentiate this concept from other forms of digital spaces.

All Smart Cities are also digital cities. However, not all the Digital Cities are Smart. This difference is due to the ability of problem solving in the Smart Cities. The essential capacity of Digital Cities resides in their wide offer of services through the Digital Communication.



Digital Billboards

Wireless Go Further !

The wireless system of our equipment was developed to allow wireless data transfer at great distances. They even have the possibility of using an external antenna to ensure a bigger wireless cover.

Wi-fi Hotspot

The WIFI System used in our equipments can also operate as an access point. The AP software allows the device to be used as a means of accessing the internet by users.



Wireless





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Advertising Marketing

You can display your ads here!



Automatically changing content with with a single click!

Corporate TV or Digital Signage systems allow the creation and management of multimedia contents (images, videos, news web content, etc.) and makes them available through one or more displays.

Updating the content can be done remotely, allowing an intervention on dozens or even hundreds of displays in a few seconds and in a very effective way.



2 Displays



22" / 108"



Anatomy of a Smart City



Environmental Impact

Cities use 60 to 80 percent of worldwide energy resources per year.



The Necessities of Smart Cities



Sensors+Networks+Engagement



With the combination of low power sensors, wireless networks, web, mobile applications, interactive kiosks, digital mupis, etc. The Smart Cities have arrived.





Mobility Charge System

The stations are safe, reliable and easy to use in public or commercial locations.

The charging stations are smart, stylish and easy to use for electric vehicle drivers of today and tomorrow.

With the EV market growing, consumers will need a convenient, reliable and easily accessible way to charge their electric vehicle outside their houses. The stations are safe, trustworthy and easy to use in public or commercial locations.



Power to charge the world

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Mobility Charge System

The solution arises from the need to provide users of electric transport with a simplified way of charging their vehicles.

The stations are designed to have an appealing and easily identifiable design, and can be produced in lacquered steel or stainless steel, can be installed inside or outside and with an interactive touch screen, which displays all the loading information and can also present related sites to reduce polluting emissions.

CHARGE STATIONS

The stations have an easy-to-read touchscreen display and can have different types of payment methods such as credit card, coin acceptor, bill validator and even a user card balance system. These cards can be uploaded on the internet or at the ATM. Through a few simple steps, the user starts loading, a process similar to traditional delivery methods, but much more interactive.

The display can be configured to show a variety of graphics, including logos, advertisements, or security information.





The Future of Smart Cities

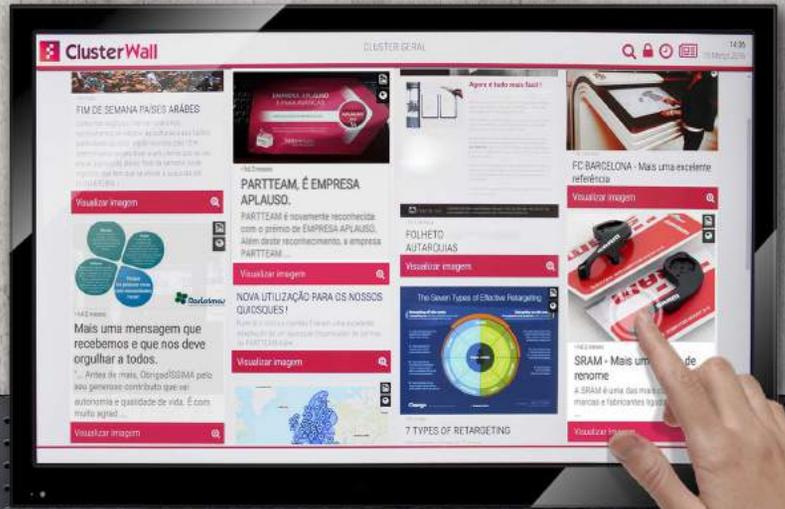
According to the Smart Cities Council, a smart city is “one that has the digital technology built into all the city’s functions.” As stated Frost& Sullivan, there are eight elements that make up a Smart City: governance, construction, health care, mobility, infrastructure, technology, energy and citizens.





Now everything is easier!

CONTENT AND SOCIAL MANAGEMENT SYSTEM



One of the possibilities of ClusterWall integration is in interactive kiosks and digital billboards, allowing it to be used in events, exhibitions, etc...

Digital Multimedia Content Hub

This software allows to manage and stream information like documents, videos, newsletters photos, events, warnings, production reports, docs, social posts, etc. in a easy way.

You can now replace the old **"PAPER CLUSTER BOARDS"** that you have in your company, where you place warnings, documents, etc. by this multimedia hub system that can be applied to touchscreen displays, multimedia kiosks, or publish on the web.

Information can be broadcaste to multiple display terminals, and can even be created specific content cluster boards for each department of the company.

With simple actions like scroll, click and zoom, your employees or customers will have access to all the information that is published.

The ability to create categories and themes, as well as an advanced search engine, make all content easily searchable and accessible.

WE ARE A KIOSK MANUFACTURER COMPANY

We operate in several areas, including multimedia interactive systems, industrial production, graphic design and advertising, engineering and telecommunications, web based applications development, software development, etc.

We are a leading provider and manufacturer of multimedia and interactive kiosks, digital signage billboards and totems, serving all kind of industries as banking and insurance, industry manufacturers, education, tourism and hospitality, sport and leisure, telecommunications, public government, logistics and transports, aviation, shopping and retail, advertising, marketing and experiences, museums, exhibitions, construction, real state and others.

We know that success of a company is actually connected to a strategic plan, that approach citizens to digital technologies, promoting experiences and sharing, and thats why all company divisions participate and interact with each other so that a global harmony is achieved in every product or service develop by our company.

RELIABILTY & PERFECTION

We have selected a set of production lines, mostly with the Quality System Management certification according to ISO 9001:2008

To guarantee the maximum quality and precision of our equipments, our qualified technical team assembles every component and product in our facilities, and quality tests are performed before delivering to the client. We pride ourselves on producing equipment that most finishing is done by hand, achieving unprecedented accuracy.



STATE OF THE ART DESIGN

Our engineers and designers have taken care to create solutions which in addition to innovative technology represents a distinctive mark in regard to the design, usability and ergonomics. We develop kiosks, totems and digital signage solutions (hardware and software) that can maximize the return of investment of our clients.

BESPOKE & CUSTOM ENGINEERING

Our in-house technical and product design departments are able to develop any bespoke equipment with custom design to fit the demands of each customer and each specific project.

FAST PRODUCTION TIMES

With more than 15000 thousands of designs, we have a refined process of kiosk development and our in-house fabrication together with other manufacturing production lines allow us to leverage our resources, creating a flexible manufacturing capability that enables fast response to low or high volumes.

EXPERIENCE & TECHNOLOGICAL CAPABILITY

Several years has passed since our first kiosk production, and we are proud to continue manufacturing high quality equipments for indoor and for outdoor. We have more than 100 standard models and in some cases we are in the 7th generation of our kiosk models, and each one an improvement on the last generation.