

**SC4C Gaia**

**Smart Capacities for Cities**

CATALOGUE OF PRODUCTS AND SERVICES





## What is SC4C GAIA?

**The aim of SC4C-Smart Capacities for Cities- GAIA, is to share a comprehensive range of solutions and services according to the principles of innovation, economic and environmental sustainability, that help to obtain greater efficiency, comfort and interactivity for players involved in Smart Cities or Smart Environments (citizens, government, companies, infrastructure, etc.).**

Electronics, Information and Communication Technologies play a crucial role in the evolution of these environments towards sustainable, comfortable, interactive and interconnected spaces, enhancing the ability to create, collect, process and transform information in order to make their processes and services better and more efficient, enabling to enhance quality of life through the efficient use of customised resources and services.

All in all, this model promotes Smart Cities to make use of Electronics and ICTs to generate a more safer, smarter and efficient environment for people, reducing costs and saving energy, improving the services provided and the quality of life, and reducing the environmental footprint, all this with the help of innovation and a low carbon economy.



## What are Smart Cities?

We define Smart City as a city which makes use of ICT's to manage infrastructures more efficiently, offer services provided rationally, provide a higher quality of service to citizens, wherein all its players (users, companies and Government) interact with each other to evolve and improve their activity. This interoperability requires the support of smart networks and platforms. It is also a city committed to its surroundings, both environmental and in terms of cultural and historical elements.

In this context, a Smart City is a complex system, an "ecosystem" in which multiple players are involved, wherein many closely linked processes coexist that enable new models of business services, relationship with the surroundings, and provides an excellent platform for innovation and creativity of people.



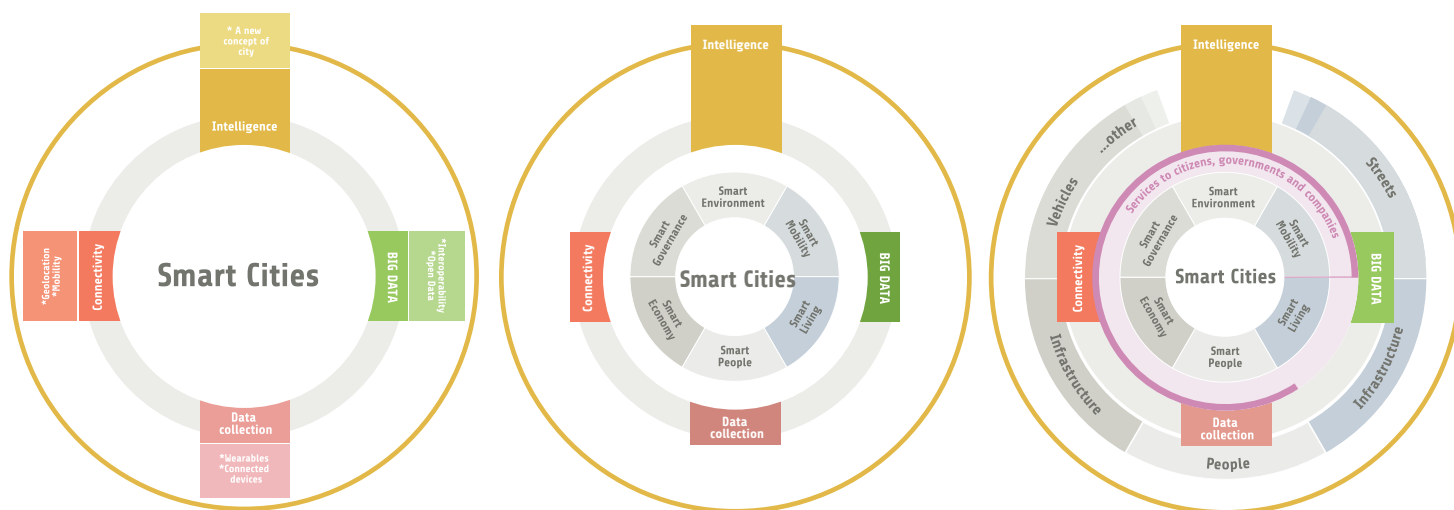
# Value chain of Smart Cities

## STEP 1: Creation of necessary Technology Base and Infrastructure. Structural Areas of Opportunity.

- Data collection (people, buildings, streets, vehicles, infrastructure, ...).
- Transmission of information to complex storage systems BIG DATA.
- Multi-directional communication between devices, systems, people, ...
- Channelling information to data intelligence (systems and applications, data integration, alert systems, decision making aids, ...).

## STEP 2: Identification of different lines or fields of action.

## STEP 3: Range of Smart Products, Services and Solutions to citizens, governments, companies and players involved.



**HISPAVISTA LABS A.I.E.**

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<b>Country</b>	Spain
<b>Start date</b>	-
<b>End date</b>	-

-

-



SGSmap

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<b>Country</b>	Spain
<b>Start date</b>	2013
<b>End date</b>	Actualidad

## hiriPosta

Within the philosophy Smart People make Smart City, SGSmap has developed a tool that gives the Administrations the option to actively involve citizens in the development of cities.

The tool developed, hiriPosta, opens a direct channel of communication between citizens and the Administration, offering them all the possible benefits citizens can contribute when they have an equal relationship.

It is based on the experience of citizens in communicating with the Public Administration and hence is adapted to new habits and technologies, mobile applications, social media, etc., and includes the youngest and non-organised citizens.

To achieve this, hiriPosta gives the Administration the option to send out surveys, questions, queries, notices, updates, proposals, etc. via all channels of communication, taking into account the geographic area in order to obtain results of greater value.

In addition, citizens have a tool to notify, question or alert the Public Administration and the rest of society about any relevant issue.

All this information is made public in order to be able to co-create between different agents and give a true picture of society in general, as well as to give the information value for third parties: products, services, businesses, decision making by third parties.

One aim of hiriPosta is to connect the participation in decision making processes, for which it offers services to manage all this information usefully and effectively, minimising the work that needs to be carried out by the Administration in order to get value from the communication and make decisions based on it, connecting each area of communication with the appropriate department to reduce time and costs for the Administration.

More information: [www.hiriposta.com](http://www.hiriposta.com)



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<b>Customer</b>	Banco de España
<b>Country</b>	Spain
<b>Start date</b>	05/2011
<b>End date</b>	09/2011

## PRISMA Maintenance Management Software

Implementation of the PRISMA application for the maintenance management of historical buildings



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<b>Start date</b>	02/2006
<b>End date</b>	05/2006

## PRISMA Application for the Maintenance Management

Implementation of the PRISMA application for the maintenance management of buildings allocated to the CNI (National Intelligence Centre)



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<b>Start date</b>	04/2011
<b>End date</b>	06/2011

## PRISMA Application for the Maintenance Management

Implementation of the PRISMA application for the maintenance management of buildings and infrastructure in the city





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<b>Start date</b>	02/2005
<b>End date</b>	05/2005

## PRISMA Application for the Maintenance Management

Implementation of the PRISMA application for the maintenance management of buildings and infrastructure in the city



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<b>Country</b>	Spain
<b>Start date</b>	05/2013
<b>End date</b>	Actualidad

## KontsumoBIDE Information System

Updating and improvement of the Automated Consumption Records System and Consumer Arbitration System



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<b>Start date</b>	11/2009
<b>End date</b>	Actualidad

## System for Managing Vocational Training and Specialist Training

The system for managing Vocational Training and Specialist Training developed in job centres allows for:

- The establishment of work experience plans.
- The registration of students, education centres, tutors and companies.
- The assignment and administration of work experience, management of grants and resource management.
- The management and calculation of complementary insurance.



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<b>Country</b>	Spain
<b>Start date</b>	03/1999
<b>End date</b>	Actualidad

## Museum Information System

Museum Information System - MIS is an integrated museum documentation and management system that manages museum catalogues, collections and documents. It provides a standardised model, which is also customisable, of information structures for the inventory and cataloguing of museum and document collections, as well as an automated mechanism for the management processes that museums perform in carrying out their activities. It also has a powerful query system and a range of features that allow users to make queries and manage data very efficiently.

MIS modules:

- Cataloguing of collections.
- Management of transfer of items.
- Recording of entry and exit of items.
- Management of temporary exhibitions.



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<b>Country</b>	Spain
<b>Start date</b>	04/2000
<b>End date</b>	Actualidad

## Integral Management and Cataloguing of Properties from the Registry of Cultural Certified Properties and the General Inventory of the Cultural Heritage

Solutions developed and implemented:

- Management of cultural heritage for the Basque Cultural Heritage Centre: Integra.
- Management of archaeological materials for the Basque Cultural Heritage Centre.
- Cataloguing of images for the Basque Cultural Heritage Centre.
- Cataloguing of the historical photograph collections in the Álava Provincial Archive and Vitoria-Gasteiz Municipal Archive.
- Preservation of the digital heritage of Euskadi (Basque Government).
- Digitisation of the bibliographical collection in Euskadi Digital Library (Basque Government).



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<b>Country</b>	Spain
<b>Start date</b>	03/2009
<b>End date</b>	07/2009

## Management System for Applications in Healthcare Disinvestment Processes and Healthcare Technologies Evaluation

Management system for the evaluation of new and emerging healthcare technologies and obsolete technologies.

Management system for applications for disinvestment in healthcare services for decision-making in healthcare disinvestment processes



**indra**

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<b>Start date</b>	23/10/2013
<b>End date</b>	22/10/2014

## Smart Destinations

Intelligent tourist platform "Rías Baixas", which includes a customisable homepage, mobile applications, extranet for professionals, integration platform, CRM, social media, business analytics and document and multimedia management



**indra**

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<b>Country</b>	Spain
<b>Start date</b>	01/09/2003
<b>End date</b>	Actualidad

## Salud Responde

Healthcare CRM that offers citizens a comprehensive service through which they can get information, manage their affairs and access healthcare services





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<b>Country</b>	Spain
<b>Start date</b>	01/05/2010
<b>End date</b>	Actualidad

## Personalized Assistance Centre in Madrid

Comprehensive healthcare centre that offers citizens a multi-language, multi-channel service as well as free choice of primary and specialised care physician



Ikusi

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<b>End date</b>	Actualidad

## Information Integral Platform, Communications, Security and Access Control

The aim of this project is to ensure, through technological systems and the provision of services, the safety of sporting events, so that the people attending have a good experience and the coordinated operation of municipal, regional and state level services is ensured, providing a quick and efficient response should any incident occur.

Systems:

- Sports lighting: general and emergency
- Medium and low voltage electrical installations
- Audiovisuals: press rooms, multimedia and TV content distribution
- Communications network
- Video surveillance inside and outside the stadium
- Spectator information: PA system and video screens
- Multifunctional stadium control centre
- Technical assistance in preparing for and during events



Ikusi

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<b>Start date</b>	28/08/2008
<b>End date</b>	30/11/2012

## Data Communication Network, Digital Multimedia Content Distribution, Digital Signage and Accessibility Systems for Disabled People

Definition and implementation of all the appropriate technological solutions for the proper integrated technical management of the building to support its different uses and increase its security.

Integrated systems:

- Telecommunications
- Multimedia communications network: voice, video and data
- Wi-Fi network
- Digital IP TV with content management
- Operating assistance
- Capacity control
- Digital signage
- Accessibility
- Signs and information points for people with hearing and visual impairments
- Induction loop for people with hearing impairments
- Security and control of the premises
- Public announcement system





Ikusi

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<b>Customer</b>	Pemex Petróleos Mexicanos
<b>Country</b>	Mexico
<b>Start date</b>	01/11/2012
<b>End date</b>	Proyecto principal: 01/07/2013. Mantenimiento en ejecución

## Physical Safety Unified Management Platform for Gas Distribution Terminals

Pemex installed physical and electronic security systems to increase the security of personnel and facilities. However, as these systems were spread over large areas of the country, they had been regionalised based on the type of technology and were locally managed. Ikusi proposed an open security platform that allows the various systems and peripheral models to be integrated, enabling the centralised management of the different devices. The installation of the security systems was carried out in parallel in different geographical areas, as well as in the head office, thereby dramatically improving execution times, logistics and resource management



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<b>Country</b>	Spain
<b>Start date</b>	01/08/2008
<b>End date</b>	31/10/2013

## Citizen Video Surveillance System in Leisure Areas

The aim of the project is to install an urban surveillance and citizen information system in the entertainment areas of the city, beaches and parks, in order to monitor and ensure citizen safety. To achieve this aim the following systems have been set up:

- Video surveillance system (CCTV)
- Public announcement system
- Radio communication network

All the systems are integrated within the Municipal Security Control Centre, from where they are operated and integrated with the various municipal services to coordinate the actions to be taken upon detection of incidents



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<b>Start date</b>	06/2013
<b>End date</b>	Proyecto inicial: 3/12/2013. Ampliaciones en ejecución

## Patient Reception Management Platform for Osakidetza Hospitals and Health Centres

Provide the Basque Country Public Health Service a centralised platform for the reception and organisation of patient consultations/visits, so giving medical centres a homogeneous solution to optimise the flow and timing of the healthcare process and information for patients and relatives. With this tool, in addition to improving the user experience, the aim is to optimise procedures and resources allocated to these healthcare services and measure the quality of reception services



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<b>Start date</b>	06/2011
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events





Dinycon Sistemas

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<b>Country</b>	Spain
<b>Start date</b>	05/2014
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



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<b>Province</b>	Guipúzcoa
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<b>Email</b>	internacional@dinycon.com
<b>Customer</b>	Palacio Euskalduna (Bilbao)
<b>Country</b>	Spain
<b>Start date</b>	02/2014
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



Dinycon Sistemas

<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Dinycon Sistemas
<b>Address</b>	C/ Portuetxe, 23 B-Planta 2, Oficina 16
<b>zip code</b>	20018
<b>Town</b>	Donostia-San Sebastián
<b>Province</b>	Guipúzcoa
<b>Web page</b>	<a href="http://www.dinycon.com">http://www.dinycon.com</a>
<b>Email</b>	internacional@dinycon.com
<b>Customer</b>	Ayuntamiento de Vitoria
<b>Country</b>	Spain
<b>Start date</b>	03/2012
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



Dinycon Sistemas

<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Dinycon Sistemas
<b>Address</b>	C/ Portuetxe, 23 B-Planta 2, Oficina 16
<b>zip code</b>	20018
<b>Town</b>	Donostia-San Sebastián
<b>Province</b>	Guipúzcoa
<b>Web page</b>	<a href="http://www.dinycon.com">http://www.dinycon.com</a>
<b>Email</b>	internacional@dinycon.com
<b>Customer</b>	Ayuntamiento de Durango (Pabellón Landako)
<b>Country</b>	Spain
<b>Start date</b>	11/2011
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



Dinycon Sistemas

<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Dinycon Sistemas
<b>Address</b>	C/ Portuetxe, 23 B-Planta 2, Oficina 16
<b>zip code</b>	20018
<b>Town</b>	Donostia-San Sebastián
<b>Province</b>	Guipúzcoa
<b>Web page</b>	<a href="http://www.dinycon.com">http://www.dinycon.com</a>
<b>Email</b>	internacional@dinycon.com
<b>Customer</b>	Catedral de Córdoba
<b>Country</b>	Spain
<b>Start date</b>	12/2012
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



Dinycon Sistemas

<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Dinycon Sistemas
<b>Address</b>	C/ Portuetxe, 23 B-Planta 2, Oficina 16
<b>zip code</b>	20018
<b>Town</b>	Donostia-San Sebastián
<b>Province</b>	Guipúzcoa
<b>Web page</b>	<a href="http://www.dinycon.com">http://www.dinycon.com</a>
<b>Email</b>	<a href="mailto:internacional@dinycon.com">internacional@dinycon.com</a>
<b>Customer</b>	Alcázar de Córdoba
<b>Country</b>	Spain
<b>Start date</b>	08/2013
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



Dinycon Sistemas

<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Dinycon Sistemas
<b>Address</b>	C/ Portuetxe, 23 B-Planta 2, Oficina 16
<b>zip code</b>	20018
<b>Town</b>	Donostia-San Sebastián
<b>Province</b>	Guipúzcoa
<b>Web page</b>	<a href="http://www.dinycon.com">http://www.dinycon.com</a>
<b>Email</b>	internacional@dinycon.com
<b>Customer</b>	Arzobispado de Toledo
<b>Country</b>	Spain
<b>Start date</b>	03/2014
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events



Dinycon Sistemas

<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Dinycon Sistemas
<b>Address</b>	C/ Portuetxe, 23 B-Planta 2, Oficina 16
<b>zip code</b>	20018
<b>Town</b>	Donostia-San Sebastián
<b>Province</b>	Guipúzcoa
<b>Web page</b>	<a href="http://www.dinycon.com">http://www.dinycon.com</a>
<b>Email</b>	internacional@dinycon.com
<b>Customer</b>	IFEMA
<b>Country</b>	Spain
<b>Start date</b>	02/2014
<b>End date</b>	Actualidad

## DinyCONT

Occupancy control and people counting system at buildings, facilities and events





<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Daisalux
<b>Address</b>	Pol. Ind. de Júndiz-Ibarredi, 4
<b>zip code</b>	01195
<b>Town</b>	Vitoria-Gazteiz
<b>Province</b>	Álava
<b>Web page</b>	<a href="http://www.daisalux.com">http://www.daisalux.com</a>
<b>Email</b>	<a href="mailto:i.arroyabe@daisalux.com">i.arroyabe@daisalux.com</a>
<b>Customer</b>	Metro de Madrid
<b>Country</b>	Spain
<b>Start date</b>	03/2000
<b>End date</b>	Actualidad

## TCA Management and Maitenance System

Installation of 7000 lights, distributed in more than 50 stations. All stations communicate to the same place. Control of the lights and regular operational tests. Significantly increases the safety of the underground system.



<b>Area</b>	SMART LIVING
<b>Sub-area</b>	CITIZEN SECURITY
<b>Company</b>	Daisalux
<b>Address</b>	Pol. Ind. de Júndiz-Ibarredi, 4
<b>zip code</b>	01195
<b>Town</b>	Vitoria-Gazteiz
<b>Province</b>	Álava
<b>Web page</b>	<a href="http://www.daisalux.com">http://www.daisalux.com</a>
<b>Email</b>	<a href="mailto:i.arroyabe@daisalux.com">i.arroyabe@daisalux.com</a>
<b>Customer</b>	Metro de Barcelona
<b>Country</b>	Spain
<b>Start date</b>	03/2002
<b>End date</b>	Actualidad

## TCA Management and Maitenance System

By managing over 250 kilometres of tunnels and 226 stations from the same place we can know the real time status of the whole emergency lighting system.



<b>Area</b>	<b>SMART LIVING</b>
<b>Sub-area</b>	<b>CITIZEN SECURITY</b>
<b>Company</b>	Daisalux
<b>Address</b>	Pol. Ind. de Júndiz-Ibarredi, 4
<b>zip code</b>	01195
<b>Town</b>	Vitoria-Gazteiz
<b>Province</b>	Álava
<b>Web page</b>	<a href="http://www.daisalux.com">http://www.daisalux.com</a>
<b>Email</b>	<a href="mailto:i.arroyabe@daisalux.com">i.arroyabe@daisalux.com</a>
<b>Customer</b>	Banco Santander
<b>Country</b>	Spain
<b>Start date</b>	03/2004
<b>End date</b>	Actualidad

## TCA Management and Maitenance System

12,000 lights were installed which, thanks to our TCA system, communicate, perform regular self-diagnoses and significantly reduce maintenance costs. All this results in the greater safety of the system and, therefore, of the thousands of people working in the financial city.