

# IOT SOLUTIONS WORLD CONGRESS



Barcelona · September 16 -18, 2015



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In recent years we have witnessed an explosion in the application of mobile technologies in devices other than just mobile phones. This has enabled us to interact with and control many appliances both in our personal lives, in areas such as home automation, health and private transport, and in our professional surroundings and in business through, for example, the adoption by part of the Tech industry of Industry 4.0.

This new technological revolution, known as the Internet of Things, will mean a significant shake-up for the industrial sector yet meanwhile bring progress and improvements to the life of people at large. For the first time, Catalonia and Barcelona will echo the potential offered by this sector through the IoT Solutions World Congress. The fact Barcelona is hosting this first World Congress is no coincidence. In a traditionally industrial environment, our country boasts leading companies in significant industrial sectors, as well as research institutes and technology centres that develop cutting-edge technology and have an outstanding potential for international development.

This is therefore a benchmark event that will help to further Catalonia's positioning in the Internet of Things. The Catalan companies and technology centres that will attend this Congress are the best example of our country's potential for leading economic change in the future, a future in which digital technology and technological advances will play a key role in the development of a new industrial model.



**Felip Puig i Godes**

Minister for Business and Labour



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inspiring electronic products

#### **COMPANY**

ACCENT SYSTEMS

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Accent Systems is a company founded in 2007 which creates tailored electronic products to help customers to reach their technological goals. Our motivated and talented team offers flexible services, with the best quality and reliability.

- Developing according to the product requirements like functionality, certifications and defined specifications and being at the forefront of new technologies and innovations.
- Design beautiful products studying customer preferences and market trends.
- Mass production with high quality and cost optimization in our 2000 m2 factory.

Our main fields are IoT solutions, Bluetooth devices (especially iBeacons and uriBeacons) and all wireless technologies (like Bluetooth LE, WiFi, Sigfox, GSM...).

**COMPANY**

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Atlantis IT specializes in efficient management and security of mobile resources for businesses and individuals.

With a specialized team and with over 15 years of industry experience, Atlantis IT has generated clear and concrete value through own solutions applied to:

- Traceability of commercial teams, technical assistance fleets, etc. for generating results helping you to take decisions (cost reduction, increase of productivity and efficiency, improving customer service, etc.)
- Mobile security for individuals: antitheft, crash sensor, panic button, etc. for cars, motorbikes, motorhomes, machinery, tractors, etc.



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Bismart is the Microsoft's Worldwide Partner of the Year in 2013 and 2015 in Business Intelligence. Our Smart City solutions are the flagship of the CityNext worldwide initiative.

Can you imagine arriving at your holiday destination, and receiving a smart route proposal, totally aligned with your passions, tastes, budget and available time?

Smart Destination analyzes big amounts of data generated around the cities to enjoy the best vacation of your life.

Using IoT, it gathers data from city sensors: entrance delays at monuments, scheduled events, gastronomic offers, hotel occupation, traffic status, weather conditions, the social media, etc.

In real time!!!





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The Technology Center of the Universitat Politècnica de Catalunya-Barcelona Tech (CIT UPC) applies university research to innovation in business. We develop comprehensive, multidisciplinary and turnkey technology solutions, and offer companies a wide range of technological capabilities to develop projects in areas like ICT, advanced manufacturing technologies, materials and energy.

Due to the UPC's excellent research track record in engineering, architecture and science, CIT UPC's knowledge spans a wide technological spectrum.

We have strong expertise in IoT and mobile technologies such as the future network; big data analytics; mobile health solutions; identity; security; M2M; mobile in smart cities; and cloud computing.



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**COMPANY**

CTTC – CENTRE TECNOLÒGIC DE  
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The Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) is a non-profit research center and technology institution located in Castelldefels, Barcelona, and devoted to telecommunication technologies.

CTTC is funded with direct support of the Government of Catalonia and via industrial and publicly funded R&D projects.

Founded in 2001, core activities encompass both fundamental and basic research, applied and experimental research, and technology transfer with an international projection. With a size of around 100 employees, it covers key topics in telecommunications conducting breaking through research.

**COMPANY**

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Eurecat is the Technology Centre of Catalonia. Providing the industrial and business sector with differential technology and advanced expertise, it offers solutions to their innovation needs and boosts their competitiveness in a fast-paced environment. The range of services are primarily focused on: applied R&D, technological services, information technology consulting, highly specialized training, product and service development, and promotion and distribution of technological innovation.

Eurecat aims its services at all business sectors but especially at seven key strategic areas of RIS3Cat: Food, Energy and Resources, Industrial Systems, Design-based Industries, Industries related to sustainable mobility, Health Industries and Cultural experience-based Industries.

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I2CAT

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i2CAT Foundation is a non-profit research and innovation centre which promotes R+D+i activities in Information and Communication Technologies and Future Internet. The centre stands up for a new open innovation framework, fostering the collaboration between companies, public administration, the academic environment and end-users.

i2CAT has a wide experience in multiple national and european R+D+i projects, leading research lines in new fixed & mobile network architectures, wireless sensor networks, and content-based multimedia technologies, with the aim to develop new products, services and applications in the fields of eHealth, SmartCities & Smart Regions, Advanced Manufacturing and Culture & Creativity.

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idneo is an engineering services company specializing in designing and developing technology products with high added value, highlighting its technology excellence, quality and design robustness, design focused on cost and design focused on the production.

The company offers from concept and product development and subsequent approval to manufacture.

In idneo, entrepreneurship and experience make the difference at work.

For us, meeting the goals is not enough; we use our versatility and rigor to excel, always adding an extra value in our labour.



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Ilimit is a provider of technology and telecommunications services aimed at companies. Founded in 1995, it currently has over 1,000 clients and well-established infrastructure of a data centre and proprietary IP network.

Ilimit facilitates its clients' competitiveness and productivity, thanks to administrated services, including public and private cloud computing, and virtualization services, such as managed hosting and cloud workstation. Ilimit also offers a wide range of network-security, application-hosting and co-location services. One potential benefit of our range is the portfolio of Internet-connectivity and managed MPLS network products, which enable us to offer the best option to suit your needs.



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IntesisHome is a service in the cloud to control your air conditioner from anywhere with any iOS or Android device or with any web browser.

IntesisHome makes your AirCon smarter than ever. Turn the air conditioning on before arriving home, configure a calendar scheduler, check the energy consumption, get alarm notifications, historical data... Discover as well our powerful IFTTT Channel and interact with more than 190 different channels.

IntesisHome also provides a Public API to allow 3rd party companies to create new features for customers, as for example SmartGrid solutions or simply add the AC control in their own App.



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ISEE is an Engineering company specialized in embedded-computer systems. Our mission is to offer complete embedded solutions that help industries to improve their production level, with a low cost and reducing time to market of their products.

We are able to help our customers with our own products, standard or customized, or developing a concrete project according to the needs of that application. Our services include technical support (hardware and firmware) to help the user along the project.





R&D  
Research &  
Development



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La Salle R&D focuses on applied research that could benefit society in the short-midterm, which in turn implies being at the cutting-edge of some fundamental research. Our strength: multidisciplinary and collaborative teams of skilled, creative and strongly motivated researchers.

La Salle R&D has been placed on the vast and multidisciplinary fields of Health and Smart Cities, which benefit from extensive research performed in the Institution on Internet of Things, Acoustics, Robotics, Data Mining, Electronics, Human-Computer Interaction, Image Processing, Network Security and Speech Technology, among many others.



APP&TOWN

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**COMPANY**

MASS FACTORY URBAN ACCESSIBLE  
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Mass Factory Urban Accessible Mobility, S.L., is a high-tech company, spin-off of the Universitat Autònoma de Barcelona (UAB), established in October, 2012 following a final project of eight students led by PhD. Jordi Roig with the aim to create innovative products that add value to society.

Mass Factory develops systems based on mobile applications with geolocation and on the cloud processing Software, with the support of Big Data and Business Intelligence, for route calculation, navigation, and management and monitoring of users, facilitating and optimizing their usage for people with cognitive, physical and sensory disabilities improving their mobility and social inclusion.



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nelmia Robotics Insight helps clients shape strategic advantage from the transformational nature of robotics.

We help clients identify and develop new initiatives and business models, build innovation strategies, and analyse the robotics revolution, transforming information into intelligence.

**COMPANY**

PROMAUT

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PROMAUT SL is an international engineering company focused on the automotive industry. The company is specialized in automation, control and process monitoring. We provide technological solutions to the whole customer value chain, from R&D and engineering to commissioning and technical assistance (simulation, mechanical and electrical engineering, PLC's and robot programming, SCADA and technical support and services).

Promaut is developing various Industry 4.0 projects with its customers and through its spin-offs dedicated to the European industry: Trimar (automation materials), Enertika (for energy saving and efficiency), Achilles (non industrial robotics), Addixa (automation solutions), Dimatec Equipments (industrial adhesives) and Railsa (Railway safety solutions).



