

Catalan Exhibitors & Projects 2019

● IoT Solutions World Congress

● Industry Barcelona

● Blockchain Solutions World

● Artificial Intelligence



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World Congress**

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IoT Solutions World Congress

Government of Catalonia

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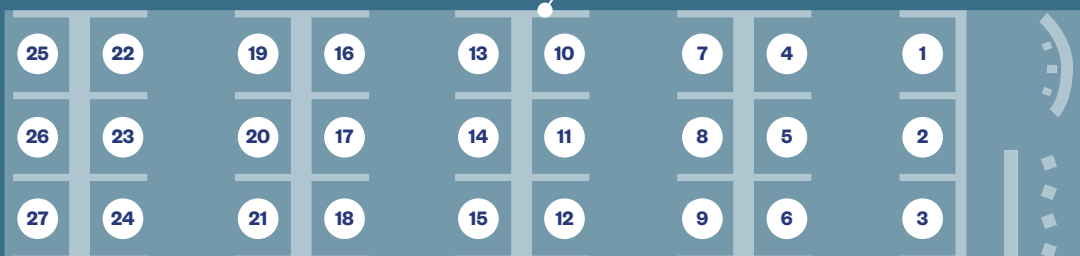
25 — i2CAT Foundation

26 — Computer Vision Center (CVC)

27 — Efftronix

Location at the venue
Fira Barcelona Gran Via
(HALL 2)

D451 Stand



01 Geprom Connecting Industries



Luca Cesena
lcesena@geprom.com
+34 616 854 180
www.geprom.com



• GET CONTACT •

Geprom is an innovative and dynamic engineering company dedicated to the development and integration of technological solutions of high added value within the industry 4.0 and industrial automation. We are passionate about the challenges posed by the present and future industry, and our mission is to provide innovative technological solutions to help our clients to be more competitive, facilitating the way towards the fourth industrial revolution. We have developed projects for monitoring and control of production in real time in top 10 clients of the automation sector and other industries.

Technological Specialties: Big Data, Business Transformation, Data Analytics, Remote Monitoring, Virtual Reality.

02 Sirt



Luis Ros
lros@sirt.com
+34 627 981 485
www.sirt.com



• GET CONTACT •

Founded in 1998, SIRT is a leading Telco and IT solutions provider focused on Digital Infrastructure, Business Analytics, Cloud, Security & Emerging solutions. We deliver this technology expertise through a full life cycle model of professional, managed, and support services including strategy, consulting, design and implementation. By taking the time to deeply understand how our clients define success, we help them harness technology advances, simplify IT complexity and optimize their environments today while enabling future applications, user experiences, and revenue models.

Technological Specialties: Augmented Reality, Big Data, Business Transformation, Cloud Computing, Data Analytics, Data Storage, IT/OT Collaboration, Remote Monitoring, Security, Smart Devices, Virtual Reality.

03 Atlantis



Ricard Soler i Kopp
rsoler@atlantisioe.com
+34 600 489 202
www.atlantis-technology.com



• GET CONTACT •

We offer multi-device solutions to help companies that base their business models on the management and/or exploitation of mobile resources (e.g. cars, vans, containers, machinery, boxes, livestock, assets, people, etc.) to improve their competitiveness thanks to our expertise, reliability, and personalization of products and services based on IoT technology and geolocation. With our own software engineering.

Technological Specialties: IT/OT Collaboration, Mobility, Services.

04 Code Factory codefactory

Ferran Gállego
ferran.gallego@codefactoryglobal.com
+34 937 337 066
www.codefactoryglobal.com



• GET CONTACT •

Founded in 1998 and headquartered in the Barcelona area in Spain, Code Factory is committed to providing solutions that improve the way that people interact with technology.

Technological Specialties: Augmented Reality, Virtual Reality.

05 IThinkUPC



Mauricio Echeverría Aristegui
m.echeverria@ithinkupc.com
+34 620 446 582
www.ithinkupc.com



• GET CONTACT •

We are the Consultancy and Advanced Software Services Company at the Universitat Politècnica de Catalunya. We help organizations improve the lives of their clients and employees, and enhance their business agility through digital technologies. We create solutions that allow quick and intelligent decisions to be made based on data, through advanced analytical algorithms, the development of IoT platforms and the extensive data treatment in industrial environments.

Technological Specialties: Industry 4.0, IoT & Advanced Analytics.

06 Deep Solutions



Oscar Serra
oserra@deepsolutions.io
+34 659 418 105
www.deepsolutions.io



• GET CONTACT •

Deep Solutions specializes in image recognition on aerial imagery. Our platform pix2map.com offers a photogrammetry tool for free, together with pay-per-use visual detectors. For example, using thermal pictures of a photovoltaic solar plant, we can detect defective solar panels; with drone footage from a crop field, we can count the number of trees or plants, and classify their species; from images of a building or infrastructure we can detect cracks indicating structural weaknesses.

Technological Specialties: Big Data, Data Analytics, Data Storage, Remote Monitoring, Services.

07 Alfred Smart Systems



Daniel Battle
dbattle@alfredsmart.com
+34 662 001 478
www.alfredsmart.com



• GET CONTACT •

Alfred Smart Systems is a specialist company in IoT solutions applied in Smart Buildings. IoT platform compatible with the standard protocols of automation in the house, such as KNX, ZWAVE or Zigbee, which allows CLOUD the management of real estate assets from anywhere (remotely) for exploitation in different real estate sectors such as housing, hotels, apartments or offices.

Technological Specialties: Big Data, Cloud Computing, Edge Computing, IT/OT Collaboration, Predictive Maintenance, Sensors, Smart Devices.

08 Sigma



Patricio Esteban Sáez
psaez@sig-ip.com
+34 683 136 183
www.sig-ip.com



• GET CONTACT •

Sigma Industrial Precision is a Startup developing predictive-sigma the predictive maintenance platform based in electrical analysis and Industry 4.0. Our platform helps industrial companies to avoid breakdown, reduce maintenance costs and improve efficiency. We offer a complete solution including electric sensors and service. The sensors can be installed in any kind of industrial asset, they generate detailed electrical data that we store in the cloud and analyze automatically with AI algorithms. We create machine behaviour patterns and we continuously analyze them to alert our customer if potential problems can occur.

Technological Specialties: Big Data, Cloud Computing, Data Analytics, Edge Computing, IT/OT Collaboration, New Business Models, Predictive Analysis, Predictive Maintenance, Remote Monitoring, Sensors.

09 Integral Innovation Experts

INTEGRAL
INNOVATION EXPERTS

Carlos Cosials Ruiz
ccosials@integralplm.com
+34 637 070 666
www.integralplm.com



• GET CONTACT •

Integral Innovation Experts is a business group with extensive experience in the field of 4.0 Industry, made up of a large staff of experts skilled in providing the best technological solutions, such as CAD/CAM, PLM, IoT/AR, 3D printing. Within Integral's portfolio, we count on the ThingWorx IoT platform, of the manufacturer of PTC software, which provides a complete environment of design of applications, execution and intelligence, saving time, costs and risks thanks to its flexibility, speed and scalability, letting the user easily understand and manage the performance and data of use of smart products.

Technological Specialties: Software, 3D printing, CAD/CAM, AR.

10 Agrifood At



Jorge Gonzalo
jorge.gonzalo@agrifoodat.com
+34 696 963 364
www.agrifoodat.com



• GET CONTACT •

Agrifood Alternative Technologies has over 19 years' experience providing technological solutions for the feed and animal production industries. More than 400 companies from Spain, Italy and Portugal are using our solutions on a daily basis. Agrifood AT specialises in the distribution of Cloud Solutions provided by the best partners, as well as solutions developed internally by our own software team. Agrifood AT also possesses major expertise implementing sensor based applications such as: sensorization of silos, feed delivery traceability and GPS vehicle positioning. Our new business strategy based on the IoT is considered today one of our more important activities.

Technological Specialties: Big Data, Cloud Computing, Data Analytics, Mobility, New Business Models, Predictive Analysis, Sensors, Services.

11 Solve Digital Advisors



Miquel Perez
miquel.perez@solveconsulting.es
+34 659 480 579
www.solveconsulting.es



• GET CONTACT •

Solve Digital Advisors is a Digital Transformation firm that supports customers improving their operational efficiency using Lean Methodologies combined with the best of breed Technologies. As an example, we work with our customers in order to establish the Overall Equipment Efficiency (OEE) as a starting point of the Continuous Improvement programme, at the same time as being able to measure it in real time and establish a monitoring system of it, releasing alerts or maintenance orders when required.

Technological Specialties: Big Data, Cloud Computing, Edge Computing, IT/OT Collaboration, Sensors.

12 QKSOL Energy Solutions



Xavier Tomas Espuny
x.tomas@qksol.com
+34 664 292 036
www.qksol.com



• GET CONTACT •

QKSOL is a Catalan company dedicated to the engineering and commercialization of solar and energy efficiency products. It focuses on representing leading brands in the sector and its market is Spain and Portugal. Among the brands represented are: DEGERenergie: German company in the Photovoltaic Business Sector. Imeon Energie: French company in photovoltaic self-consumption technology. PowerTech: French Company of ion-lithium batteries. Smappee: Belgian company of monitoring energy consumption, water and gas. Smappee is the solution we would like to introduce at IOTSWC2019.

Technological Specialties: Data Storage, Remote Monitoring, Smart Devices.

13 Maccion



Pau Feliu
p.feliu@maccion.com
+34 648 693 640
www.maccion.com



• GET CONTACT •

Maccion represents the best solution to improve the production and logistical processes with small investments by integrating all kinds of IoT devices and platforms. Our management systems will “feel and control your supply chain in real-time” with the premises of flexibility, scalability and connectivity. We design and produce our OWN HARDWARE and also develop our OWN SOFTWARE for devices, platforms or data integrations. Together, we will trace the roadmap to find the highest value to your short-term particular use-cases but also focusing on your long-term strategy for the digital transformation. So, let us smarten your business with little investments!

Technological Specialties: Deployment of production and logistics management systems, Consultancy and integrations for the digital transformation, Development of IoT devices and business intelligence platforms.

14 The Mobile Knowledge



Carlos Paternain
carlos.paternain@
themobileknowledge.com
+34 676 320 564
www.themobileknowledge.com/
product/mk101-kit



• GET CONTACT •

MK101 Solution - Your digital wallet in your secure wearable. MK101 Solution is a whole suite of products and services designed to support the development of your “wearable as your personal wallet”.

- A reference design and development platform with secure NFC and BLE functionalities, combined with an additional plug board for developing additional features such as fingerprint or display amongst others.
- Ready for manufacturing and volume deployment. It can be used as it is or adapted to your preferred form factor.
- A pre-integrated platform with selected service providers (payment and closed-loop applications). EMVco pre-certified.
- A mobile phone Android and iOS white label wallet application, to manage the content of the secure wearable device.

Technological Specialties: IT/OT Collaboration, Security, Sensors, Smart Devices.

15 Energy Business One (EBO)



Jordi Rabat
jrabat@ebo.energy
+34 692 040 650
www.ebo.energy



• GET CONTACT •

Energy Software Factory SL is a software company specialized in energy management. ESF proposes a “Software as a Service” business model (SaaS) based on its Energy Business One platform (EBO) has developed from its experience in energy management in the industrial sector for more than 10 years. EBO opens access to the largest number of suppliers and adds new opportunities and services to customers, mainly large industrial energy consumers. The use of ICT tools combined with a high knowledge of markets, legislation, and energy products is a differential fact and takes advantage of a clear need for the market.

Technological Specialties: Big Data, Data Analytics, IT/OT Collaboration, Predictive Analysis.

16 MCSystems



Marta Calmet
mcalmet@mcsystems.es
+34 679 800 443
www.mcsystems.es



• GET CONTACT •

MCSystems designs and manufactures different technological IoT solutions to automate stocking and managing processes with products in continuous development and adaptable to the client's needs and requirements. Thanks to our measurement, monitoring and data managing tools, MCSystems offers reliability, commodity and safety in terms of logistic and labour activities. Our wide range of solutions covers from agribusiness to industrial use.

Technological Specialties: Remote Monitoring, Sensors, Smart Devices.

17 Steema



Marc Meumann
 sales@steema.com
 +34 972 218 797
 www.steema.com



• GET CONTACT •

Steema Software SL, founded in 1996, is dedicated to the development of data visualisation tools for the purposes of statistical analysis, problem solving and reporting. Its leading product lines include generic charting, tree, grid and dashboard components for programmers and an analysis dashboard platform to plug & play, analyse IoT and other open standard or bespoke sensorial devices.

Technological Specialties: Data visualisation software, IoT services and software, Data analysis & prediction.

18 CTTC



David Pubill Fondevila
 david.pubill@cttc.cat
 +34 936 452 920
 www.cttc.es



• GET CONTACT •

The Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) is a non-profit private research institution based in Castelldefels (Barcelona), resulting from a public initiative of the Regional Government of Catalonia (Generalitat de Catalunya). Research activities at the CTTC, both fundamental and applied, mainly focus on technologies related to the physical, data-link and network layers of communication systems, geomatics and positioning systems. CTTC has sound experience in exploring connectivity solutions for the IoT. Among other activities, we are participating in several European research projects. In particular, in this fair we will present the main results of the SEMIOTICS (780315) project.

Technological Specialties: Edge computing, Remote monitoring, Sensors, Smart devices.

19 Eurecat



Gemma Batlle
 iotswc@eurecat.org
 +34 608 974 774
 www.eurecat.org



• GET CONTACT •

Eurecat is the Technology Centre of Catalonia. We provide industry with differential technology and advanced expertise, to foster innovation and boost companies' competitiveness in a fast-paced environment.

Our services are primarily focused on: applied R&D, innovative technology solutions, highly specialized training, product and service development up to minimum viable products, fablabs and pilot projects and plants.

Eurecat: innovating together with companies. We provide advanced IoT Solutions.

Technological Specialties: Mobility, Connected Health, E-textiles, Sensorics & Big Data, Blockchain, Retail, Energy & Sustainability, Business Transformation, Functional Materials, Smart Management Systems, Wearables, Robotics, Industry 4.0.

20 iQuadrat



Elli Kartsakli
 ellik@iquadrat.com
 +34 647 289 323
 www.iquadrat.com



• GET CONTACT •

Iquadrat, based in Barcelona, has provided global ICT services since 1997, developing tailor-made web-based applications with great design and powerful functionalities. Iquadrat also offers innovative and customizable platforms that integrate cutting-edge telecommunications and networking technologies for a wide portfolio of emerging applications (Smart homes/cities, energy management, industrial applications, etc.). Its R&D department has extensive participation in European-funded research projects, delivering novel solutions for 5G networks and the IoT. This year, Iquadrat will present our new IoT cloud-based demo for comfort sensing, developed within the Smart End-to-end Massive IoT Interoperability, Connectivity and Security (SEMIOTICS) project (GA 780315).

Technological Specialties: 5G, IoT, Smart energy, industry 4.0.

21 Smilics Technologies – Wibeee



Judit Malgosa
jmalgosa@wibeee.com
+34 935 158 548
www.wibeee.com



• GET CONTACT •

Smilics Technologies is a technology company that designs and manufactures complete hardware and software solutions for the monitoring and management of electricity consumption in any type of installation, from the home to major industry. Both the R&D centre and the electronic equipment factory is located in Terrassa, near Barcelona. Under the WIBEEE brand, we market our patented solutions all over the world, serving both private clients and large international corporations. Our philosophy is to “make it easy”. Extensive experience as manufacturers of measurement equipment, as well as software developers, guarantees a smooth and pleasant user experience.

Technological Specialties: Big Data, Business Transformation, Cloud Computing, Data Analytics, Data Storage, Edge Computing, Mobility, New Business Models, Predictive Analysis, Predictive Maintenance, Remote Monitoring, Security, Sensors, Services, Smart Devices.

22 Leitat Technological Center



Pau Serret
pserret@leitat.org
+34 650 879 502
www.leitat.org



• GET CONTACT •

LEITAT is a private technical institute with more than 110 years of experience in industrial innovation processes. We transform technological and scientific results into economic and competitive value for our clients and collaborating entities. Over 1500 customers benefit from our talent, creativity and strong commitment. We bring knowledge and innovation to our customers through applied research and technical testing in the fields of chemistry, energy, environment, materials, engineering and life sciences. We rely upon our more than 300 highly skilled team members who deliver flexible solutions to face any industrial challenge.

Technological Specialties: 3D Printing, Mobility, Predictive Maintenance, Remote Monitoring, Robotics, Security, Sensors, Services, Smart Devices.

23 Opertek



Marc Torras
m.torras@opertek.com
+34 936 743 782
www.opertek.com



• GET CONTACT •

Digitalization and Industrial Automation Experts.

- Official distributor of General Electric (GE), Emerson and PTC in Spain and Portugal.
- Software and hardware to Industrial Automation, Operations Management and Industry 4.0.
- From the PLC to the cloud.
- IoT, Big Data, Cloud, etc.
- We increase productivity, security and efficiency.
- Training and technical support through our engineers for the staff from the Operations Areas (maintenance, engineering, production...), Computer systems and HMI/SCADA Automation products and Operations Management

Technological Specialties: Augmented Reality, Big Data, Data Analytics, Data Storage, Edge Computing, IT/OT Collaboration, Mobility, Predictive Analysis, Predictive Maintenance, Remote Monitoring.

24 Aine



Cristina López
cristina.lopez@aine.net
+34 607 219 337
www.aine.net



• GET CONTACT •

Aine's solutions improve productivity rates and increase the profits of logistic companies. For more than 30 years, we have developed functionalities such as: Routes Planner and Optimizer, Vehicles Inspection, Mobility Apps or Fuel Control. We contribute to environmental care through our logistic solutions. Two years ago, we started monitoring semi-trailers with our IoT device: Sidereal GPS, which became one of the 5 best projects in Spain with the SIGFOX network.

Technological Specialties: Tracking logistical assets with IoT technology, Planning systems and Optimisations of Loads and Routes with AI, Big Data.

25 i2CAT Foundation



Susana Otero
susana.otero@i2cat.net
+34 605 696 426
www.i2cat.net



• GET CONTACT •

i2CAT Foundation is a non-profit research and innovation centre that promotes mission-driven R&D activities on advanced Internet architectures, applications and services. 15 years of international research define our expertise in the fields of 5G, IoT, VR and Immersive Technologies, Cybersecurity, Blockchain, Open Big Data and AI. The centre partners with companies, public administration, academia and end-users to leverage this knowledge in order to meet real society and business challenges.

Technological Specialties: Big Data, Business Transformation, Cloud Computing, Edge Computing, Mobility, Security, Sensors, Virtual Reality.

26 Computer Vision Center (CVC)



Nuria Martinez
nmartinez@cvc.uab.es
+34 935 868 153
www.cvc.uab.es



• GET CONTACT •

The Computer Vision Centre is a non-profit institution located in Barcelona. We are leaders in research and technology transfer in the area of computer vision. CVC is devoted to research and development of Computer Vision, a field of knowledge that seeks to process and extract information from images using computers. CVC hosts around 130 researchers including scientists / PhD- students / post-docs from all over the world carrying out both quality research and development in the field of Computer Vision, contributing to increasing the knowledge, innovation and industrial competitiveness in this field by working with companies developing technological projects.

Technological Specialties: Data Analytics, Mobility, Sensors.

27 Effitronix

effitronix®

Innovation in efficiency
and mechatronics

Lluís Verdager i Prat
lverdager@effitronix.com
+34 938 124 382
www.effitronix.com



• GET CONTACT •

Effitronix is a company committed to innovation, effectiveness and efficiency, with 25 years of experience in industrial automation and predictive maintenance. Back in 2010, Effitronix went ahead of Industry 4.0 trend with the launch of MICO24, a monitoring and control system capable of capturing data from any kind of sensor installed in the key elements of a production plant with the aim of transforming this data into useful information to increase productivity. In 2018, Effitronix launched the new MICO24 Nano, an IoT acquisition circuit, which minimizes the investment and the commissioning time for a plant digitalization project.

Technological Specialties: IT/OT Collaboration, Predictive Maintenance, Sensors.

IoT Solutions World Congress

Barcelona City Council

01 — SLB Systems

02 — Tedeloc

03 — Bitmetrics

04 — Thingtia

05 — Ctrl4 Enviro

06 — IN2

07 — Cigo!

08 — Inovum

09 — Digital Smart Group

10 — Tracktio

11 — Useit

12 — SmartDataSystem

13 — Trackthings

14 — SlashMobility

15 — Sensing Control

16 — Sinapse-Wattabit

17 — CIT UPC

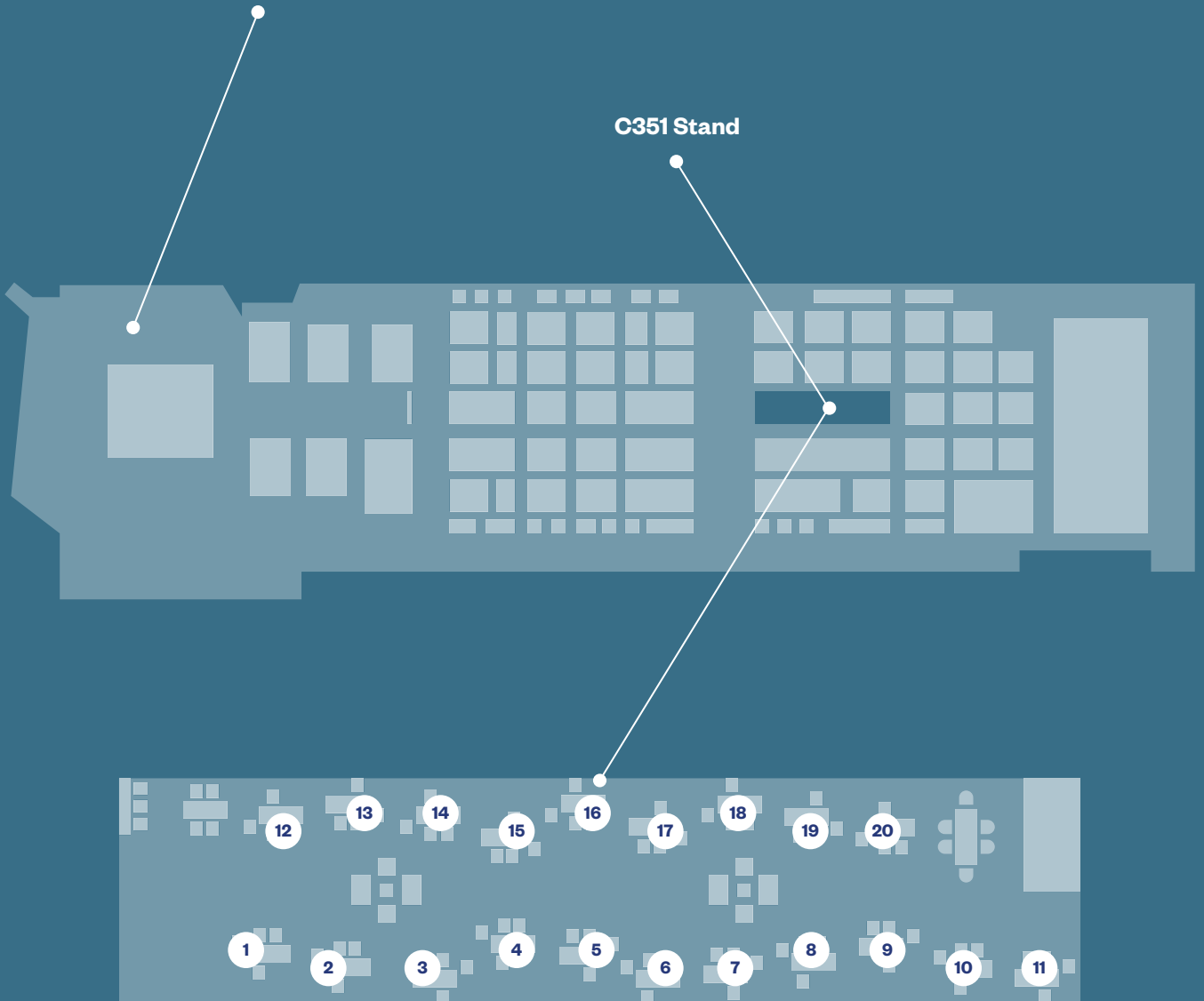
18 — IOTIP

19 — AElInnova

20 — PickData

Location at the venue
Fira Barcelona Gran Via
(HALL 2)

C351 Stand



01 SLB Systems



Sergio Lodo Botella
sergi@slb-systems.com
+34 622 272 093
www.slb-systems.com



• GET CONTACT •

We are manufacturers of IoT Vanguard technology based on innovation, quality and safety. SLB Systems has developed and integrated a series of innovative vertical solutions for IoT, both hardware and software, for various applications with the aim of measuring different values, based on technology of last generation and low cost as is Sigfox and Lora. We are also manufacturers of state-of-the-art technology. Our systems are directly related to the world of telemanagement, public lighting, energy management, electricity, light and water, technical signals (temperature, humidity, gases, flooding, etc).

Technological Specialties: Data Analytics, Remote Monitoring, Security, Sensors, Smart Devices.

02 Tedeloc



Francesc Sabaté
fsabate@tedeloc.com
+34 629 056 205
www.tedeloc.com



• GET CONTACT •

Tedeloc is an agile born company that leverages advanced AI techniques in Machine Learning to help (co-create with) SMEs in effectively deploying data driven decisions that underpin their digital transformation challenges. Tedeloc offers solutions that optimally combine cloud and cutting-edge technologies in a microservice paradigm to seamlessly connect them through flexible and diverse open APIs within legacy processes. Tedeloc's flexible approach fits a suitable value proposition for diverse vertical industries, from retail to manufacturing, focusing on the latter as enabler for I4.0. Tedeloc's portfolio includes InferUP, Machine Learning as a Service platform and LinkKind, Industrial IoT interfaceable with top industrial protocols.

Technological Specialties: Business Transformation, Cloud Computing, Data Analytics, Edge Computing, Interoperability, IT/OT Collaboration, New Business Models, Predictive Analysis, Predictive Maintenance, Remote Monitoring, Security, Services, Smart Devices.

03 Bitmetrics



Mar Masulli
mmasulli@bitmetrics.es
+34 655 472 815
+34 931 417 935
www.bitmetrics.es



• GET CONTACT •

BitMetrics is an AI-first startup focused on leveraging Artificial Intelligence technologies in Machine Vision, Deep Learning and Robot Learning to deliver and enable unique automation solutions to industrial corporations and SMEs. We design customized solutions mainly related to quality inspection in changing contexts and tasks such as Random Bin Picking, Pick & Place, Classification, etc. With support of the European Commission (SME Instrument, Horizon 2020) and CDTI (NEOTEC Programme, Spanish Ministry of Sciences, Innovation and Universities) we are developing our own SaaS platform applying Artificial Intelligence and collaborative learning to the automation of Machine Vision-based manufacturing processes.

Technological Specialties: Deep Learning, Reinforcement Learning, Robot Learning, Intelligent Machine Vision.

04 Thingtia



Paco Robles
paco.robles@thingtia.com
+34 649 503 154
www.thingtia.cloud



• GET CONTACT •

'We crafted it for Barcelona.... now we share it in the cloud' thingtia.cloud a ready-to-use IoT SaaS platform that controls sensors and actuators, based on sentilo© driven by thingtia solutions, SL, created early 2017, a spin-off company of opentrends. Choose your flexible plan. Change when you need. Try it for free! Flexible freedom of choice. Increasing the platform availability: on SaaS mode, on a private instance or on-premises. Support plans - Training plans - Partners network - Certification programmes.

Technological Specialties: Big Data, Business Transformation, Cloud Computing, Data Analytics, Predictive Analysis, Smart Devices.

05 Ctrl4 Enviro



Anton Gomà
anton.goma@ctrl4enviro.com
+34 618 574 307
www.ctrl4enviro.com



• GET CONTACT •

Ctrl4 Enviro uses in-house trained deep-learning tools to analyse images which come from any kind of cameras, monitoring from urban mobility events to other determinations in the industrial environment. The company is specialized in providing real-time analysis of thermal images. Ctrl4 Enviro has recently won the Joensuu City Challenge (Finland), is one of the four winners of the Barcelona City Council challenge "BCN dona molt joc" and it has received the Seal Of Excellence from the European Commission for an industrial project. Ctrl4 Enviro integrates its results in proprietary management platforms or it can provide its own control and monitoring dashboards.

Technological Specialties: Business Transformation, Data Analytics, Interoperability, IT/OT Collaboration, Predictive Maintenance.

06 IN2



Xavier Picó
xavier.pico@in2.es
+34 902 881 776
www.in2.es



• GET CONTACT •

IN2 is a technology company, created in 1994, expert in the development, integration and implementation of solutions based mainly on Open Source technologies. We help our clients in their digital transformation processes through tools and solutions that facilitate interoperability, security, efficiency, collaborative work and mobility. IN2 has implemented projects of integration of systems and applications, many of them in critical mission environments, where security, traceability and communication in any circumstance have a capital importance. Our integration platform is ready for the digital industry era.

Technological Specialties: Big Data, Cloud Computing, Data Analytics, Data Storage, Edge Computing, Mobility, Predictive Analysis.

07 Cigo!



Eric Cabañas
eric@smart-cigo.com
+34 676 475 453
www.smart-cigo.com



• GET CONTACT •

Cigo offers high-tech differential software solutions to mobility problems deployed on top of our own proprietary mobility management platform. Cigo offers significant value in terms of:

- 1) Intelligent route optimization and planning algorithms
- 2) Software and application development
- 3) Deep analytics and machine learning

The company is a Spin-off from the DATA Management group of Universitat Politècnica de Catalunya (DAMA-UPC), with 20 years of experience providing solutions to Big Data analytics and intelligent mobility algorithms. We are very involved and active in undertaking European projects.

Technological Specialties: Big Data, Cloud Computing, Data Analytics, Data Storage, Edge Computing, Mobility, Predictive Analysis.

08 Inovum



Franz Inselkammer
iot@inovum-solutions.com
+34 931 272 421
www.inovum-solutions.com



• GET CONTACT •

Inovum IT Solutions S.L is a dynamic software consulting company with international projects and focuses on exciting innovative technologies. Inovum is backed up by a tremendously capable team of young and highly motivated professionals. We blend their experience and expertise to create integrated software solutions that offer impactful designs, advanced applications and powerful Internet platforms. We carry out national and international projects in different sectors such as the automotive industry, logistics, Internet Of Things, and Augmented Reality.

Technological Specialties: 3D Printing, Big Data, Cloud Computing, Drones, IT/OT Collaboration, Predictive Analysis, Predictive Maintenance, Remote Monitoring, Sensors, Smart Devices.

09 Digital Smart Group



Digital Smart Group

Martin Grinberg
martin@digitalsmartgroup.com
+34 674 44 1 111
www.digitalsmartgroup.com



• GET CONTACT •

Empowering Smart Technology Companies. We offer the software solutions, hardware, and services that your company needs to better perform, serve your customers, grow faster, and improve profitability and competitiveness. Digital Smart Group (DSG) helps businesses accelerate the adoption of IoT, Digitalization and OT/ICS Cybersecurity

Technological Specialties: IT/OT Collaboration, Predictive Maintenance, Remote Monitoring, Smart Devices.

10 Tracktio



Fran Pinyol
fran@tracktio.com
+34 686 463 982
www.tracktio.com



• GET CONTACT •

Tracktio company purpose is to provide to industrial companies an easy to deploy, end to end real-time IoT tracking and analytics solution that helps them become more agile and competitive. Tracktio was founded in 2015 in Barcelona and today we have clients in 20 countries. Our offer is a combination of a software platform and miniaturized hardware devices to track industrial assets (machinery, containers, tools...) and personnel (staff, contractors, visitors...) for manufacturing, Industry 4.0, logistics, construction, mining and Oil&Gas use cases. IOT Solutions Congress is a great opportunity to demo our solutions and meet new partners.

Technological Specialties: Big Data, Business Transformation, Cloud Computing, Data Analytics, IT/OT Collaboration, Mobility, New Business Models, Predictive Analysis, Remote Monitoring, Sensors, Smart Devices.

11 Useit



Alex Surroca
asurroca@useit.es
+34 655 687 687
www.useit.es



• GET CONTACT •

USE IT Health is a company of USE IT group that is part of the field of new technologies and IT with more than 10 years in the market developing all kinds of projects in the Health sector. Our core business is the design and development of mobile technology projects (apps), software combined with IoT technology. We specialize in applications for the medical and hospital sector that help optimize resources and monitor and monitor all assets.

Technological Specialties: Big Data, Business Transformation, Data Analytics, IT/OT Collaboration, Mobility, New Business Models, Remote Monitoring, Sensors, Services, Smart Devices.

12 Smart Data System



SMARTDATASYSTEM

Adan Salcedo
adan.salcedo@smartdatasystem.es
+34 696 139 865
www.smartdatasystem.es



• GET CONTACT •

Mycelium Networks helps public administrations and private companies evolve from a static and fragmented energy management approach, to a dynamic and strategic model that adapts to new and changing needs, through the SmartDataSystem proprietary platform. Success stories based on our platform include solutions for smart buildings, renewable energy management and commercialization in various private and public-sector organizations, including Barcelona City Council, large supermarket chains and Latin-American renewable energy retailers.

Technological Specialties: Data Analytics, Predictive Maintenance, Remote Monitoring, Sensors, Smart Devices.

13 Trackthings



Jordi Masmitjà
jordi@trackthings.io
+34 654 345 237
www.trackthings.io



• GET CONTACT •

We are a company that develops End-To-End IoT projects, focused on both indoor and outdoor tracking solutions, for people and valuable assets. Our solutions are focused on monitoring for security, both in people's daily activities, as well as for high-value objects for companies using LPWAN networks like Sigfox, LoRaWAN, NB-IOT...

Technological Specialties: Manufacturing, Enabling IoT, Healthcare, Connected transport.

14 SlashMobility



Jordi de Juan
marketing@slashmobility.com
+34 935 532 638
www.slashmobility.com



• GET CONTACT •

SlashMobility provides technological solutions for the IoT's integration in the society. The majority of the IoT's devices are controlled by mobile phones, whereby, the development of applications is key to the IoT sector. Apps provide an easy and usable way to control and manage every type of device remotely, three key issues for the development and implementation of the IoT in society. SlashMobility offers the opportunity to improve the management and integration of objects, and at the same time helps to transform their business models and develop the digital transformation of society.

Technological Specialties: IoT, Artificial Intelligence, Business Transformation, Mobile & software development.

15 Sensing Control



Pedro Espinel
pedro.espinel@sensingcontrol.com
+34 648 692 654
www.sensingcontrol.com



• GET CONTACT •

Our IoT platform collects data from sensors, actuators, wearables, machines, gauges, vehicles, GPS locators, etc., and converts that data into meaningful 24/7 information via reports, alarms, notifications, etc. Our solutions & services minimize disruption to business & institutions while keeping directors, management and employees informed. Our IoT platform provides connectors to common connectivity protocols, such as NB-IoT, LoRa, Sigfox, Modbus, WMBus, Bluetooth, Z-Wave and Wi-Fi, so devices can quickly connect to a client's network. Our IoT uses Big Data and machine learning to help our clients get the real-time visibility they need to determine the effectiveness of their operations, predict their throughput, optimize their energy use, and make quality improvements. Features include device management capabilities, stream analytics, and customizable alerts and notifications.

Technological Specialties: Big Data, Cloud Computing, Data Analytics, Data Storage, Edge Computing, IT/OT Collaboration, Predictive Analysis, Sensors, Smart Devices.

16 Sinapse- Wattabit



Alberto García
a.garcia@sinapseenergia.com
+34 673 152 442
www.sinapseenergia.com



• GET CONTACT •

Sinapse Energía was founded in 2007, with the aim of offering energy efficiency solutions based on street lighting telemanagement. Over the years, the evolution of technology and the efforts in R&D has been expanding the range of solutions to offer connectivity and sensorization systems throughout the IoT. Wattabit provides innovative management software for city assets as street lighting, buildings and a wide range of IoT devices. The cloud-based platform enables users to control devices, optimize energy and maintenance from a single place. Both companies work together transforming and improving their client's facilities and adapting to their changing needs, innovating to create a better future.

Technological Specialties: Interoperability, IT/OT Collaboration, Remote Monitoring, Sensors, Smart Devices.

17 CIT UPC



Jordi Martín

j.martin@upc.edu

+34 934 054 403

www.cit.upc.edu



• GET CONTACT •

The UPC Technology Centre (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 advanced manufacturing technologies, ICT, materials, energy, health, infrastructures, mobility or urbanism and sustainability. 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 technologies such as big data analytics, telecommunications, sensor technologies, mobile health solutions, identity, privacy and security, mobile in smart cities and cloud computing.

Technological Specialties: Augmented Reality, Big Data, Business Transformation, Cloud Computing, Data Analytics, Data Storage, Drones, Edge Computing, Interoperability, IT/OT Collaboration, Mobility, Predictive Analysis, Predictive Maintenance, Remote Monitoring, Robotics, Security, Sensors, Smart Devices, Virtual Reality.

18 IOTIP



Noèlia Asensi

nasensi@iotip.tech

+34 646 402 135

www.iotip.tech



• GET CONTACT •

Engineering company of scalable end-to-end IoT projects for third parties. We provide the best Time to Market and a competitive development and implementation cost. We help companies to turn ideas into reality, competing with the best, according to their needs and improving the profitability of their business. We make an analysis of the needs of the project and offer a "turnkey" project, from prototyping to industrialization, based on the design and multidisciplinary development of hardware, firmware, software and app. We work with the latest technology and trusted suppliers. We manufacture in Barcelona, China and Turkey.

Technological Specialties: Smart Devices.

19 AEInnova



Raul Aragonés

raul.aragones@aeinnova.com

+34 930 244 021

www.aeinnova.com



• GET CONTACT •

AEInnova revalorizes industrial waste heat (responsible for 21% of European energy lost annually) in clean energy. With this energy we can improve the energy efficiency of the industries and, in addition, we improve the capabilities to be more productive, allowing and simplifying the complete digitization of wireless IOT devices without battery dependencies.

Technological Specialties: Big Data, Cloud Computing, Edge Computing, IT/OT Collaboration, Predictive Maintenance, Remote Monitoring, Sensors, Smart Devices.

20 PickData



Marc Montserrat

mmontserrat@pickdata.net

+34 935 117 505

www.pickdata.net



• GET CONTACT •

Manufacturer of industrial IoT solutions for remote monitoring and control of large numbers of machines, sensors and distributed installations. PickData is a team of professionals with a long experience developing industrial products and specialists in OEM solutions, cloud computing, communications protocols and wireless devices. Energy efficiency, critical breakdowns, real-time alarms, buildings monitoring and maintenance of distributed machinery are some of the main applications of our products.

Technological Specialties: Cloud Computing, Data Analytics, Edge Computing, Predictive Maintenance, Remote Monitoring, Sensors, Smart Devices.

Industry Barcelona. From needs to solutions

Barcelona City Council

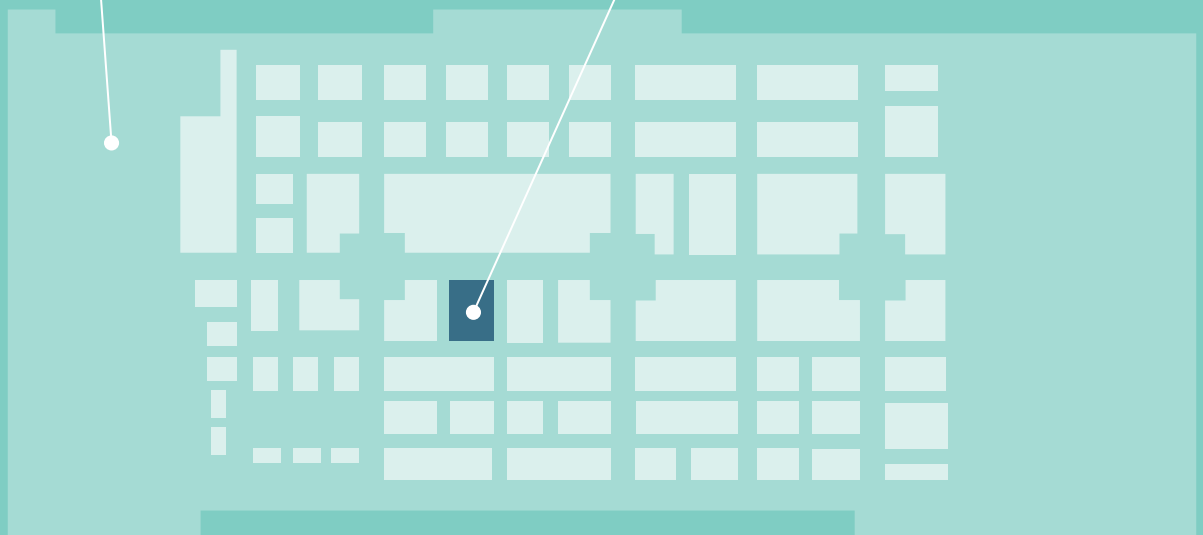
01 — Technology Park

02 — Prototyping Support Service

03 — Fab Labs
(Ateneus de Fabricació)

Location at the venue
Fira Barcelona Gran Via
(HALL 3)

D45 Stand



01 Technology Park



Barcelona City Council
D45 Stand

Contact
Aurora Morales
aurora.morales@barcelonactiva.cat
Gemma Escamilla
gemma.escamilla@barcelonactiva.cat

www.barcelonactiva.cat/park

[www.barcelonactiva.cat/park/
programmes](http://www.barcelonactiva.cat/park/programmes)

Located in the Nou Barris district and managed by Barcelona Activa, the Technology Park is specifically aimed at helping young technology companies.

With **personalized and permanent services, programmes and activities**, the Technology Park's goal is to help the tech-based companies thrive through 3 main strategic lines:

- Supporting and improving business growth processes
- Fostering business innovation
- Generating talent linked to new technologies

All in all, Barcelona Activa's Technology Park hosts around **50 companies** and more than 100 innovation-related events annually and is open to being of service to all tech-based companies in Barcelona.

02 Prototyping Support Service



Barcelona City Council
D45 Stand

Contact
Andreu Belles
andreu.belles@barcelonactiva.cat

[www.barcelonactiva.cat/
business/services](http://www.barcelonactiva.cat/business/services)

Barcelona Activa's "Prototyping Support Service" offers a strategic support for companies and entrepreneurs in their prototyping processes, with the aim of increasing **increase the efficiency of their products' prototyping phase**.

This service is the combination of 3 synchronised parts: personalised professional guidance, adapted prototyping roadmap and facilities with 3D-printing and laser-cutting machinery. The "Prototyping Support Service" takes place at Barcelona Activa Technology Park. In addition, through the Business Support Office, Barcelona Activa offers companies, both locally and internationally, other kind of services aimed at helping them in their business management and growth.

03 Fab Labs



Barcelona City Council
D45 Stand

Ateneus de Fabricació Network:
Fàbrica del Sol
adflafabricadelsol@gmail.com
Les Corts
ateneufabricaciolescorts@gmail.com

Ciutat Meridiana
ateneufcm@gmail.com

NEW **Parc Tecnològic**
afparctecnologic@
barcelonactiva.cat

Ateneus de Fabricació are fab labs promoted by Barcelona City Council that are open for all those who want to learn and experiment with the world of digital fabrication. We have machines and qualified personnel to help and support your project, and host activities related to the social and solidarity economy, where sharing is the model. This is based around the idea of use rather than ownership, because sharing is also a business model, a city model and a way of life.

Blockchain Solutions World

Government of Catalonia

01 — Vottun

02 — Validated ID

03 — Eurecat

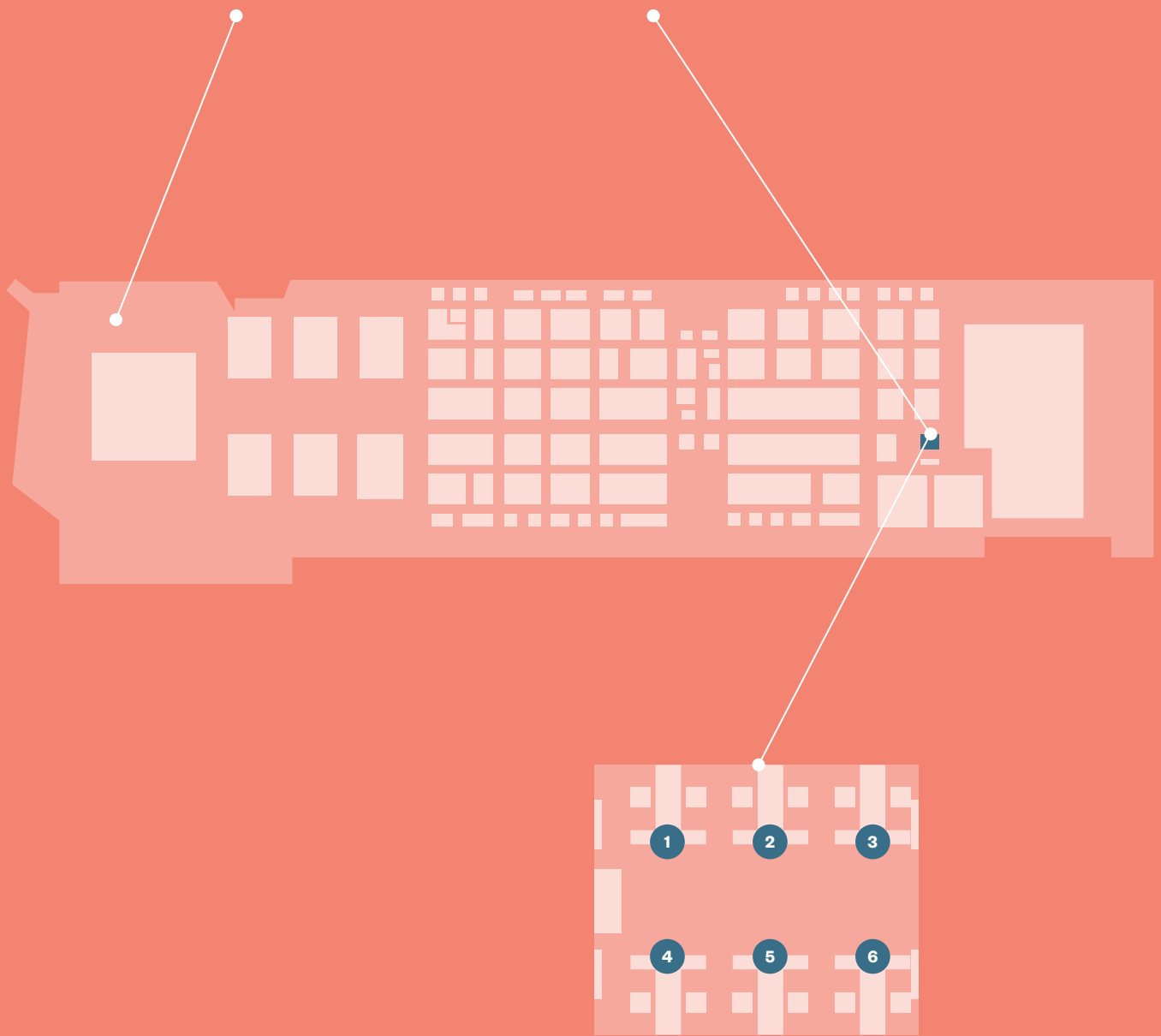
04 — Blockchain Institute &
Technology

05 — i2CAT Foundation

06 — Associació Blockchain
Catalunya

Location at the venue
Fira Barcelona Gran Via
(HALL 2)

D481 Stand



01 VOTTUN



Luis Carbajo
luis@vottun.com
+34 669 527 382
www.vottun.com



• GET CONTACT •

Vottun has built a blockchain agnostic protocol for traceability processes that allows interoperability between different public and private blockchain networks, such as Ethereum, Hyperledger, Quorum and others. Our protocol allows the development of blockchain traceability solutions via APIs without the need to understanding the underlying blockchain technology. On top of our protocol, connecting business processes with the blockchain, we already have supply chain end to end technology that can be used to trace food products from farm to fork; as well as goods from manufacturer to retailer. We also have an end-to-end certification and compliance software that can be used to trace lifelong learning through the full lifecycle of individuals, certify and manage professional skills for compliance and risk management purposes, create, distribute and verify ID credentials for businesses and public ecosystems and much more.

Technological Specialties: Blockchain.

02 Validated ID



Núria Aguado
nuria.aguado@validatedid.com
+34 667 208 096
www.validatedid.com



• GET CONTACT •

Validated ID confers security trust services to the processes of electronic signature and digital identity verification. VIDsigner is our SaaS electronic signature service for face-to-face and remote scenarios. It combines the simplicity of use with the security of cryptography and biometrics. With VIDchain we also offer a decentralized self-sovereign service based on Blockchain for digital identity verification processes. This solution improves procedures such as customer onboarding, GDPR, and KYC.

Technological Specialties: Blockchain, Security.

03 Eurecat



Juan Caubet
juan.caubet@eurecat.org
+34 681 058 146
www.eurecat.org



• GET CONTACT •

Eurecat is the leading Technology Centre in Catalonia. Eurecat works in several lines related to Blockchain and DLT technologies:

- Cybersecurity issues relevant to these technologies (analysis of weaknesses, threats and attacks).
- R&D of Blockchain and DLT based solutions applied to governance, utilities, logistics, education and health.
- Analysis and development of post-quantum algorithms to be applied in Blockchain technologies.
- Support to companies interested in Blockchain and DLT-based innovation, by integrating these technologies into their services, internal processes, production processes, etc., in an efficient and secure way.

Eurecat is member of ALASTRIA and founder member of the Quantum Blockchain Alliance.

Technological Specialties: Blockchain, Security, Augmented Reality, Big Data, Business Transformation, Cloud Computing, Data Analytics, Drones, IT/OT Collaboration, Mobility, New Business Models, Predictive Analysis, Predictive Maintenance, Quantum Computing, Remote Monitoring, Robotics, 3D Printing, Sensors, Services, Smart Devices, Virtual Reality.

04 Blockchain Institute & Technology

Blockchain Institute & Technology

Lluís Mas

lmas@bitbcn.org

+34 652 836 195

www.bitbcn.org



• GET CONTACT •

The Blockchain Institute & Technology is an academic institution that was born with the aim of being an international benchmark for training in disruptive technologies. Our revolutionary study methodology based on virtual presence and practical hands-on in the main projects provides the participant with a transforming immersive experience.

Technological Specialties: Blockchain, IoT, Machine Learning, AI, Fintech, Supply Chain & Data Science.

05 i2CAT Foundation



Susana Otero

susana.otero@i2cat.net

+34 605 696 426

www.i2cat.net



• GET CONTACT •

i2CAT Foundation is a non-profit research and innovation centre that promotes mission-driven R&D activities on advanced Internet architectures, applications and services.

15 years of international research define our expertise in the fields of 5G, IoT, VR and Immersive Technologies, Cybersecurity, Blockchain, Open Big Data and AI.

The centre partners with companies, public administration, academia and end-users to leverage this knowledge in order to meet real society and business challenges.

Technological Specialties: Blockchain, Big Data, Business Transformation, Cloud Computing, Edge Computing, Mobility, Security, Sensors, Virtual Reality, Drones, New Business Models, Smart Devices.

06 Associació Blockchain Catalunya



BLOCKCHAIN
CATALUNYA

Marc Rocas

marc@blockchaincatalunya.org

+34 664 267 333

www.blockchaincatalunya.org



• GET CONTACT •

We are a non-profit organization founded in 2017, based in Barcelona, Catalonia. Our mission is the dissemination of Blockchain technology. Our main aims are:

- To become a reference point of the Blockchain technology in front of the public administration, companies, media, and citizenship.
- To recommend technological solutions to public and private organizations.
- To help the society to understand and adopt the Blockchain technology.

Technological Specialties: Blockchain.

Artificial Intelligence

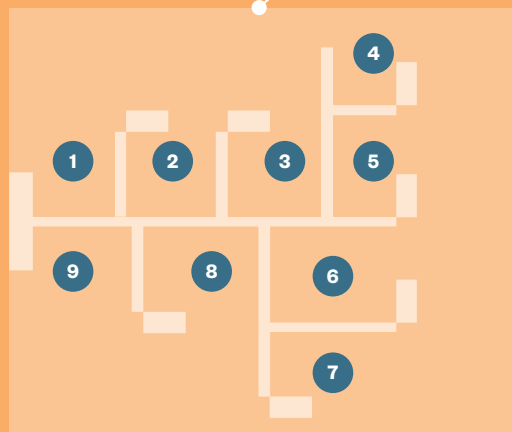
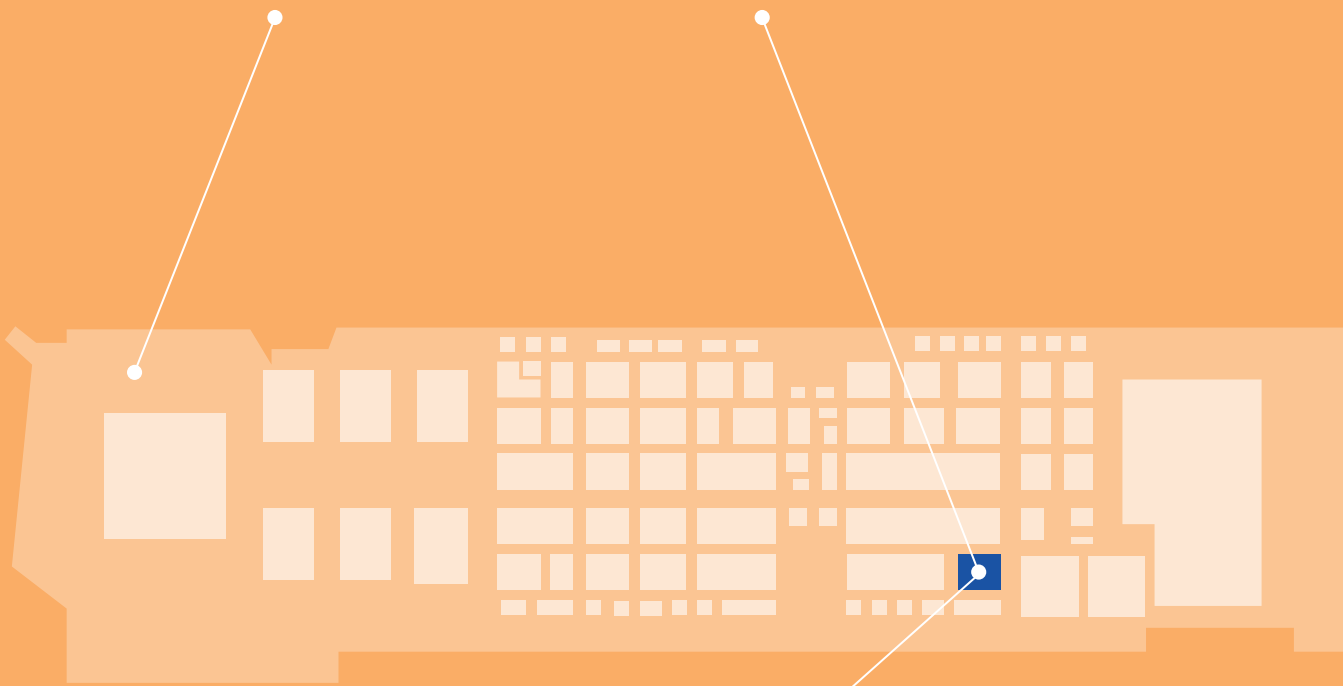
Government of Catalonia

- 01 — SITEP
- 02 — Epson
- 03 — IBM
- 04 — Omnios
- 05 — Computer Vision Center (CVC)

- 06 — Proppos
- 07 — i2CAT Foundation
- 08 — PAL Robotics
- 09 — Eurecat

Location at the venue
Fira Barcelona Gran Via
(HALL 2)

E557 Stand



01 SITEP



Miquel Àngel Rodríguez Peña

marodriguez@sitep.com

+34 933 208 215

www.sitep.com



• GET CONTACT •

SITEP is a GIS & ICT engineering company specializing in consultancy, development and implementation of custom-made computer systems for management of territory. Twenty years of collaboration with public entities and private companies endorse us as specialists in the treatment, analysis and implementation of geographic information data. The knowledge gained has allowed us to develop a Mobile Mapping division focused on integral engineering projects, providing innovative solutions to customers in multiple sectors. Starting from the customer's needs, we provide comprehensive project management, from the design of the aerial platform to the delivery of the processed data.

02 Epson



Raúl Sanahuja

raul.sanahuja@epson.eu

+34 935 821 500

www.epson.es



• GET CONTACT •

Epson is a global technology leader dedicated to connecting people, things and information with its original efficient, compact and precision technologies. With a line-up that ranges from inkjet printers and digital printing systems to 3LCD projectors, smart glasses, sensing systems and industrial robots, the company is focused on driving innovations and exceeding customer expectations in inkjet, visual communications, wearables and robotics.

03 IBM



Javier Peman

javier.peman@es.ibm.com

+34 635 520 529

www.ibm.com



• GET CONTACT •

A world leader in AI for business, Watson solutions have been deployed in thousands of engagements with clients across 20 industries and 80 countries. Additionally, IBM Research is a world leader in the science of AI. In 2018, IBM secured over 1600 AI-related patents.

04 Omnios



Arnau Puig
apuig@omnios.ai
+34 671 290 860
www.omnios.ai



• GET CONTACT •

In Omnios we offer AI based solutions easily adaptable to your business needs that allow you to filter and navigate intuitively through large amounts of information from different type of sources (internal and external, structured and unstructured, static and dynamic, etc.) that your business needs to keep track on and analyse. Through Artificial Intelligence and Natural Language Processing algorithms, we accelerate and standardize decision making, facilitating analysis and evaluation to optimize the criteria used.

05 Computer Vision Center (CVC)



Nuria Martinez Segura
nmartinez@cvc.uab.es
+34 935 868 153
www.cvc.uab.es



• GET CONTACT •

Computer vision is an exciting research area and an omnipresent technology, essentially empowering machines with the sense of vision. The CVC is a successful marriage between knowledge and innovation. In addition to our cutting-edge scientific achievements, we have established lasting ties with industrial partners and created several spin-off companies. The CVC model would not exist without our post-doctoral researchers, PhD students, and technicians. Their attitude, scientific insight combined with ambition to discover, leads the centre to overcome increasingly difficult challenges. Their values are enthusiasm, persistence, hard work and team spirit. This combination of talent and endeavour results in cutting edge computer vision algorithms recognized by the scientific community. In addition, their entrepreneurship encourages innovation, giving value to generated knowledge, and transferring this into real solutions for society at large. As a result of the internationally-renowned computer vision and artificial intelligence master program, the CVC is training young and bright students who will in turn become future leaders in the research and development of computer vision.

06 Proppos



Nil Salomó Bellavista
nsalomo@boira.cat
+34 667 180 625
www.proppos.com



• GET CONTACT •

Proppos uses Artificial Intelligence algorithms to recognize food for self-service restaurants. Our technology is ideal for those restaurants whose products don't have any kind of barcode and the only way to identify them is by using image recognition. The main service, is an intelligent self checkout solution for self-service restaurants that is able to automate the checkout process. These restaurants can be canteens in corporate buildings, hospitals, universities and quick service restaurants placed in airports and train stations. Thanks to our technology, we are able to identify the different food items in less than 1second, thus, we can also reduce the waiting time. Also, our food recognition technology generates tons of data that can be used to improve the operations of the restaurant and to offer a nutritional service.

07 i2CAT Foundation



Silvia Castellvi
silvia.castellvi@i2cat.net
+34 635 786 560
www.i2cat.net



• GET CONTACT •

The i2CAT Foundation is a non-profit research and technology centre that promotes R&D activities in the fields of the Internet and advanced digital technologies. It has pioneered an innovation model based on collaboration between companies, public administrations, academia and users.

The activities and initiatives carried out by i2CAT focus on three objectives: (1) generating knowledge through participation in international research projects, with a key role in the European Union framework program for research and innovation; (2) promoting collaboration with companies through the execution of R&D projects aimed at developing innovative solutions that provide added value to the market; and (3) leading local initiatives and innovative projects to deploy digital strategies and policies aligned with public administrations.

08 PAL Robotics



Alexandre Saldes Barbera
alexandre.sb@pal-robotics.com
+34 644 296 504
+34 934 145 347
www.pal-robotics.com



• GET CONTACT •

PAL Robotics creates disruptive service robots that aim to enhance society's quality of life. Since 2004, the company has developed service and humanoid robots for institutions and companies worldwide. Robots like the biped humanoids REEM-C or TALOS, or the mobile manipulator TIAGo, are being used for research purposes, to develop applications in areas such as Assisted Living, Human-Robot Interaction, Artificial Intelligence and Deep Learning, Industry 4.0 or Smart Cities. Other PAL Robotics platforms help to optimize resources by automating tasks such as intralogistics deliveries, with the customizable TIAGo Base, or to automate stock-taking in retail stores using StockBot. PAL Robotics also cooperates with other European partners in different EU-funded projects in all kinds of fields.

09 Eurecat



Gemma Batlle
iotswc@eurecat.org
+34 608 974 774
www.eurecat.org



• GET CONTACT •

Eurecat, Catalonia's Technology Centre, provides industry with differential technology and expertise, to foster innovation and boost companies' competitiveness in a fast-paced environment. Increase in data availability (IoT), advances in data analytics and the effective deployment of artificial intelligence under the 4.0 principles convert the development of autonomous management strategies into a reality. Eurecat deploys solutions in which the flow of data, reasoning and learning evolve to a dynamic and sustainable predictive management along multiple value chains, in multiple applications and domains: Artificial Intelligence, Data Science, IoT, 5G, Interoperability, Smart Sensors, Robotics, Cyber Physical Systems, Virtual Sensors, Transformation, Cognitive, Machine Learning, Deep Learning, Autonomous, Drones, Cloud, Edge, Augmented & Virtual Reality, Data Driven, Insights, Cyber security and others.

