

Datisation - www.datisation.com

A CSIC and UPC spin-off specialized in the development and deployment of machine and deep learning algorithms. Their solution is the Street Machine, a predictive maintenance system auto adaptable to any electromechanical equipment, by capturing data and developing algorithms.

Setitem - www.setitem.com

Tailor-made IoT & software solutions for any sized business to remotely control any device by plug&play devices programmed to customer's need. Modular ERP software for franchise business model with integrated IoT system control.

Hedyla - www.hedyla.com

Technology-based start-up that has created a modular and customizable software based on AI, which allows the optimization of different logistics processes. It also carries out simulations of the supply chain, to improve operations.

CTTC - www.cttc.cat

Non-profit research institution specialized in terrestrial and satellite telecommunication. They present V2X EyeGuard; an online hazard detection system for driving applications, based on depth-camera vision, and levered by Machine Learning and V2X Technology.

Endepro - www.endepro.com/es/

Engineering company focused on service companies and production lines; they help organizations in their digital transformation with software solutions. They are presenting e-connect: a solution to bring machines into the world of industry 4.0 in just minutes. It detects malfunctions in machines and processes, by having information in real-time.

datisation

Booth 1



Booth 2



Booth 3



Booth 4

endepro

Booth 5

Disatec - <https://bnet-engine.com>

Company specializing in software solutions focused on the Industry 4.0 (IOT, AI, etc.). They offer artificial intelligence tools with an app to control the consumption of energy resources in real time and advanced tools to manage industrial maintenance (GMAO).

Aline Precisión - www.alineprecision.com

Company specialized in the predictive maintenance of industrial machinery. They provide services within the Industry 4.0 and the IoT by monitoring the state of machinery in production plants through AI, together with a monitoring and management software and sensors.

Smartech Cluster - www.smartechcluster.org

Catalan cluster that brings together more than 170 technology companies, linked to the development and deployment of enabling technologies for Industry 4.0 and Smart Cities. They promote and contribute to the improvement of the Catalan intelligent technologies ecosystem competitiveness.

i2CAT Foundation - <https://i2cat.net/>

i2CAT is a CERCA research and innovation centre specialising in advanced digital technologies such as 5G/6G, IoT, or AI, which works to transfer its knowledge to businesses and other organizations, revitalizing them with innovative initiatives that improve efficiency and sustainability.

Sterna Innovation - www.sternainnovation.com

Engineering company with key expertise on sensors, electronic systems and cloud connectivity. Sterna presents its adaptable IOT sensor platform; it involves a network of sensor devices that can be customized, signal concentrator devices to reduce operating costs, and real-time visualization.

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Booth 6



Booth 7

**SMARTECH**
CLUSTER

Booth 8



Booth 9

sterna
innovation

Booth 10

Smilics - <https://smilics.com>

Company specialized in the design and manufacture of integrated hardware and software solutions for the monitoring and management of electricity consumption in any kind of installation. They have four different solutions: Wibeee®, Mirubeee®, 2Grid® and Sensors.

Eurecat - <https://eurecat.org/es/>

Technology centre of Catalonia, primarily focused on applied R&D, innovative technology solutions, specialized training, product and service development, fablabs and pilot projects and plants. They provide advanced IoT solutions to a wide range of sectors.

Sigma Industrial Precision - www.sigmaindustrialprecision.com

Continuous real-time electrical supervision for any type of electric machine. Provides accurate equipment status information for smarter maintenance and energy use, reducing electricity consumption and improving efficiency and safety of machines and staff.

Wagtel - www.wagtel.com

Company focused on telecommunications adapted to IoT devices and blockchain technology. Their solution is a telecommunications system that uses blockchain + LoRaWAN technology to provide internet for IoT devices with minimal power consumption and long distances.



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Booth 12



Booth 13



Booth 14

ModPow Engineering - www.modpow.es

Company specialized on tailor-made IoT hardware solutions, focused on product design. Their solution, ModpoW AgriTechnologies, is a SaaS platform for professional agricultural producers. Through IoT it offers automated recommendations for water and fertilizer management.

CVC - www.cvc.uab.es

Center formed by the Generalitat de Catalunya and the Autonomous University of Barcelona, with more than 130 researchers specialized in computer vision. They offer Computer Vision applications in the field of autonomous mobility, health, culture, security and Industry 4.0

MCSystems - <https://mcsystems.es/es/>

MCSystems offers technological solutions to automatize the stocking and managing processes. They present SILOMETRIC and FLUIDMETRIC, level sensors that use laser and ultrasound technology to manage and control solid and liquid materials so that the user can check in real time the status of stocks.

Code factory - <https://codefactoryglobal.com>

Code Factory provides solutions to improve the way people interact with technology. Their solution is a software module for voice interface generation which can be integrated in most platforms used for IOT and Industry 4.0.



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Booth 17



Booth 18

Pickdata - www.pickdata.net/

Manufacturer of industrial IoT solutions for the monitoring and control of machines and installations. They present eMOD; a DIN rail modular solution that includes power supplies, processors, communications, inputs/outputs, energy meeting, etc. to create IoT devices in accordance with the specific needs of a project.

**MobileKnowledge** - www.themobileknowledge.com/

Company with hardware and software expertise, which provides consultancy and engineering services to design and develop innovative IoT solutions. MobileKnowledge is presenting innovative use cases linked to industrial and IoT solutions that unleash UWB ability to create more precise, spatial-aware application experiences.

**AEInnova** - www.aeinnova.com

Spin-off of the microelectronic department of the Autonomous University of Barcelona. Aeinnova has developed the first batteryless, free of maintenance, long range wireless device for predictive maintenance, powered by harvesting energy from heat or wind.

**Bookline** - www.bookline.io

Company specialized in the development of AI-based voice assistants. They offer voicebots as a service to companies in different sectors such as hospitality, tourism, health, banking, eCommerce, among others, in order to automate calls.

**3dthinks** - www.3dthinks.com

Start-up focused on software development and distributive manufacturing, specialized in helping people with needs. They present 3 solutions: a 3D printed mechanism (ROBOT) for people in wheelchairs, a messaging service based on AAC (Augmentative alternative communication) and AAC with augmented reality glasses.



3dthinks

Retecycle - <https://retecycle.com>

Spin-off of Augusto Bellini, dedicated to global textile solutions, with a focus on sustainability and circularity. Retecycle is a digital twin solution that, by using blockchain technology, aims to guarantee the originality, traceability, and dilution of textile raw materials.

RETEXCYCLE

Bloock - <https://bloock.com/>

Deep-tech start-up specialized in providing blockchain solutions for cross-industry applications. BLOOCK is a SaaS that guarantees data integrity and authenticity in a simple, scalable and confidential way thanks to the use of blockchain technology, designed to easily integrate with any system or platform.

BLOOCK

Thingtia - www.thingtia.cloud

Spin-off company of Opentrends. They present a ready-to-use IoT SaaS platform that controls sensors and actuators, which runs in an open and scalable architecture. It makes data sharing easier, while reducing specific technology, product and suppliers dependency.

thingtia
CLOUD

Ctrl4 Enviro - www.ctrl4enviro.com

Company specialized in image sensors to detect and solve problems in urban environments. They present Acoustic Radar, a solution aimed at detecting and identifying the noisiest vehicles in town, and Qaire, a solution to measure pollution in extensive areas in real time.

**Taxitronic** - www.taxitronic.com

World leading company in the research, design and manufacture of equipment and software for the taxi sector. They have developed taximeters with 5G/2G connectivity connected to a cloud platform that collects the daily activity of a taxi fleet to evaluate the service, and make decisions to improve mobility management in cities.

**Bim6D** - <https://bim6d.eu>

Digitization company specialized in cloud computing. Their solution Powerbim is a digital twin platform that links digital models of infrastructures with static and dynamic databases to manage the life cycle of assets and integrate smart buildings in smart cities.

**Zertifier** - www.zertifier.com

Company specialized in blockchain technology. They have developed Zerticarbon, a Forestation-Digitalization-Monetization, which allows owners to manage healthy forests with maximum efficiency in terms of carbon capture, with transparency and reliability in the traceability.

**Wavecontrol** - www.wavecontrol.com/

Company that designs and manufactures professional instruments to evaluate, measure and monitor electromagnetic fields (EMF). The three main lines of products are hand-held EMF meters (SMP3 and probes), LF and RF personal monitors (WaveMon), and indoor/outdoor EMF monitoring devices (MonitEM).

**Iquadrat** - www.iquadrat.com

Company focused on software development, consultancy in wireless network planning and R&D. They offer automation-capable and customizable platforms in the IoT domain, for smart monitoring and building management. These platforms support different sensors and fuse their data to generate profiles. Participates in several EU funded projects and in this event the 5GMEDIAHUB (GA-101016714) will be presented.

**Maxsens** - www.maxsens.es

Start-up focused on health monitoring systems, through advanced IoT, DeepLearnig technology and AI. Maxsens is a modular IoT solution to monitor and analyze biometric information of musculoskeletal activities in real-time, thanks to the combination of biofeedback with AI and e-coaching.

**Sitep** - www.sitep.com

Engineering company specialized in developing territorial solutions and providing customized ICT tools. They offer a IoT solution for firefighters. The system is boarded on a drone, for a real time vision, and it filters and locates hotspots by temperature, shows possible reactivation focus, and locates the firefighters and equipment displaced.

