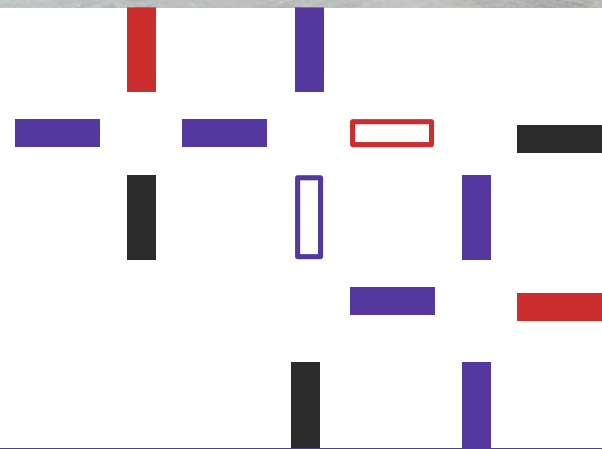




Catalogue

Mobile World Congress (MWC) 2024



26 - 29th February 2024

Fira Barcelona, Spain

 #EICatMWC2024 #EUeic

 @EUeic

 eic.ec.europa.eu

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1

What is the European Innovation Council?

The European Innovation Council (EIC) is Europe's flagship innovation programme to identify, develop and scale up breakthrough technologies and game changing innovations. The EIC has a budget of €10.1 billion to support innovation throughout the whole lifecycle, from early-stage research to proof of concept, technology transfer and the financing and scale up of start-ups and small companies.

The EIC functions under the following schemes:

- EIC Pathfinder supports research teams to research and/or develop emerging breakthrough technology.
- EIC Transition supports the maturation of a novel technology and development of a business case to bring it to market.
- EIC Accelerator supports funding and investments through the EIC Fund for individual startups and small companies to develop and scale up their breakthrough innovations.
- EIC Fund provides equity finance to start-ups and scale-ups and it has a pro-active approach to co-investing with other investors offering a pipeline of attractive opportunities.

But EIC support goes far beyond funding: It aims to accelerate EIC innovations for scale up and commercialisation. To this purpose, the EIC provides with access to a range of tailor-made EIC Business Acceleration Services to researchers, innovators and entrepreneurs.

To receive the support of the EIC, all EIC awardees have followed a rigorous selection process by high-level experts that assure the consistency of their technologies and the soundness and scalability of their business proposition in the different markets.



2 The EIC Fund

The EIC fund is the largest European deep tech investor, with a mission to invest across all technologies and verticals in all European countries.

The EIC Fund supports companies in the development and commercialisation of disruptive technologies, bridging with and crowding in market players and further sharing risk. The EIC Fund has a large, and growing network of capital providers and strategic partners to lead investment rounds or to co-invest. The investment stage is typically series A, but it can be before and also after.

The Fund pays particular attention to the empowerment and support of female founders as well as the ambition to reduce the innovation divide among EU countries.

EIC Delegation at MWC 2024 :



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Head of Unit Transition
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European Commission
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Manuel MENDIGUTÍA
Senior strategy adviser
European Innovation Council
European Commission
Manuel.MENDIGUTIA@ec.europa.eu



3 EIC International Trade Fairs (ITF) & USA Soft Landing Programme 3.0

Building on the experience of OTF 1.0 and 2.0, this programme aims at supporting EIC beneficiaries in their commercialisation strategy in European and foreign markets; it opens business avenues through participation in renown trade fairs in the EU, the Middle East and the United States of America (USA), as well as soft landing activities in the USA, putting EU innovation under spotlight in some of the most promising markets of the world.



The EIC ITF 3.0 will attend trade fairs in 3 different regions:



United States



Europe



Middle East

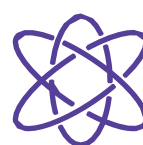
The trade fairs will cover the following sectors:



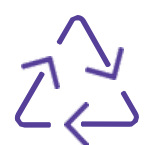
New Technologies /
Industrial Technology



Health &
Medical Care



Biotech & Pharma



Cleantech /
Environment & Energy



4

Mobile World Congress (MWC) 2024



Mobile World Congress (MWC Barcelona) is the world's most influential event for the connectivity industry. It's where world-leading companies and trailblazers share the latest thought leadership about the progression and future of connectivity.





5 Meet the EIC Accelerator awardees at MWC 2024



Billon Digital
Services



Cardlab
Innovation
ApS



Cinfo
Contenidos
Informativos



Codership



Compira Labs



Cyraco
GmbH



Drone
Hopper



Excess
Engineering



Ignion SL



ManoMotion AB



Mysphera SL



NIL Technology
ASP



Seluxit APS



SettleMint
NV



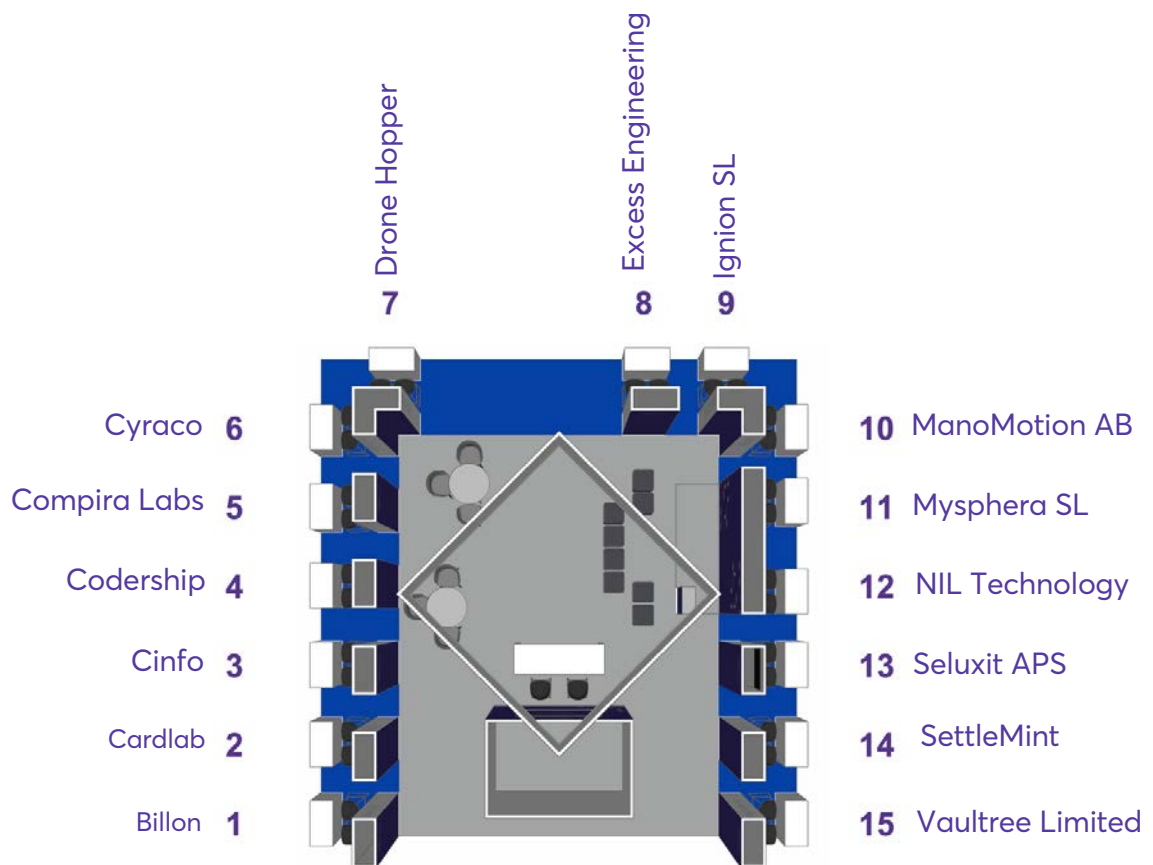
Vaultree
Limited



6

Find the EIC Accelerator awardees at the EIC Pavilion

The 4YFN area
Hall: 8.1
Booth No: 8.1A20





Booth 1 | Poland | Established in 2018
www.billongroup.com



Bogumila Cebelinska
CMO
bogumila.cebelinska-wozniak@billongroup.com



Jacek Figula
CMO
jacek.figula@billongroup.com

Billon unleashes the transformative capabilities of blockchain in regulated environments

Billon has developed a Distributed Ledger Technology (DLT or Blockchain) known for its exceptional performance and scalability. Designed to meet the requirements of regulated financial service providers or corporate customers, its architecture excels in cybersecurity and data privacy. Billon envisions decentralised data networks as the forthcoming path in the evolution of IT solutions, seamlessly embedding trust and transparency into the technology.

Achievements

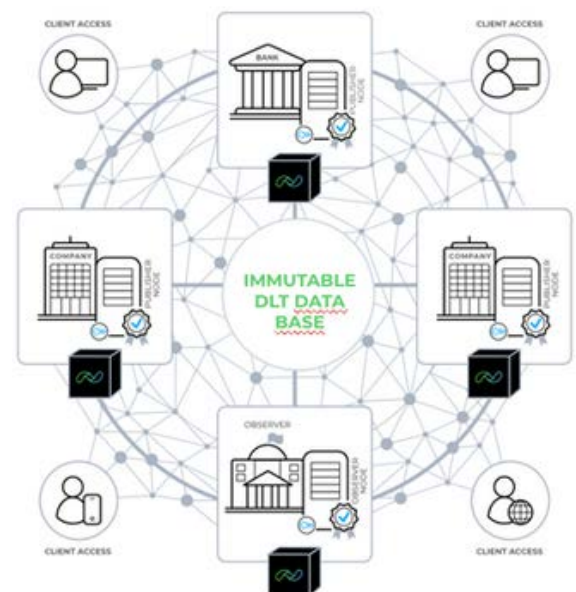
- Tauron: Largest energy provider in Poland
- BIK: Credit scoring bureau in Poland
- Ergo Hestia: large insurance in Poland
- EBSI: European Blockchain Services Infrastructure

Target audience

- Own solutions vendors willing to enhance the data cybersecurity and data privacy with the use of blockchain
- IT integrators willing to improve their offerings with blockchain
- Digitalisation companies intending to use blockchain to increase the document and data exchange process

Products at MWC 2024

- Trusted Document and Data Management solution that allows to share, verify, store, sign any document or data set. Documents or data sets are owned as tokens and can be transferred from one owner to another without an intermediary or data administrator.





Cardlab Innovation ApS

Booth 2 | Denmark | Established in 2012
www.cardlab.com



Frank Sandeløv
CEO
fs@cardlab.com



Grahame Lucas
CMO
glu@cardlab.com

Your key to secure access, unleashing Danish-designed authentication excellence worldwide

CardLab's mission is to provide convenient means for the most secure identification and authentication ensuring only the right person has access to information, equipment, locations, and services. Founded in 2012 in Copenhagen as a development house for electronic Smart card solutions, CardLab now provides a full "Authentication as a Service" solution. Designed in Denmark, products are made in house in Thailand with contract manufacturing partners in the EU, USA, and Asia.

Achievements

- USD 1.5 M raised from Danish investor
- Strategic agreement with Linxens to support a new line of electronic cards and secure their support for high-volume production
- Partnership with Italian WiBioCard to deliver a white-label solution to enhance their biometric authentication services, becoming the exclusive developer and manufacturer of biometric cards for their "Authentication as a Service" offering

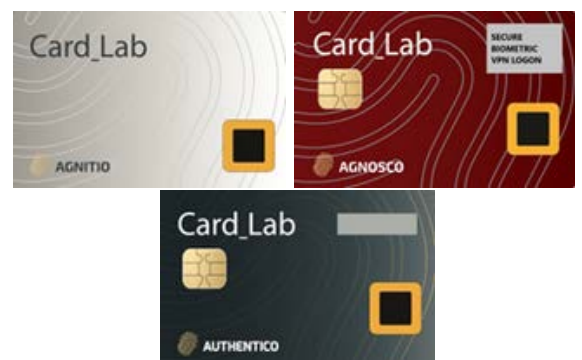
Products at MWC 2024

- Agnitio Card: Biometric contactless access card; fingerprint activated
- Authentico Card: Biometric OTP card for E-commerce/banking/government fingerprint-activated
- Agnosco Card: Biometric card for Government & Health, insurance, blockchain, cryptocurrency, VPN logon, "All in One" card, fingerprint activated

Target audience

Anyone who provides, needs, or resells:

- Access to healthcare and medical data
- Management of workforce access to data, networks, equipment, facilities
- Government ID of any kind
- Storage of information that needs protecting





Antonio Rodríguez Del Corral
CEO
antoniodelcorral@cinfo.es

Booth 3 | Spain | Established in 2018
www.cinfo.es

Addressing the prevalent challenges in sports broadcasting, CINFO introduces TiiVii, a game-changing, fully-automated TV production platform

Conventional sports productions are exorbitant, limiting media exposure for non-premium sports and obstructing fan accessibility. TiiVii disrupts this landscape with a triple-AI-stack, simulating a human production crew, supporting 8K cameras, and integrating 5G network interoperability for instantaneous data exchange. This innovative solution assigns specific AI algorithms to each camera, revolutionising remote production. TiiVii has already partnered with Telefonica, masMOvil, Euskaltel, Swisscom or Orange.

Achievements

- May - Dec 2019 - Cinfo signs agreements with Telefónica, Vodafone, Orange to deploy tiivii over 5G
- Nov 2019 - Launch of tiivii beta version
- May 2020 - Cinfo selected by EIC Accelerator programme as European leader in automatic TV production
- Mar 2021 - TiiVii expands its services to the music, culture, and education markets
- Dec 2022 - First integration of an artificial intelligence application in the cloud using Telefónica's 5G APIs over the AWS Wavelength zone in Madrid
- 2023 - Cinfo employs more than 100 employees and a leading group of experts in applying AI to real time incoming video sources
- 2023 - TiiVii is deployed in more than 600 installations with a commercial portfolio of 10,000 locations

Products at MWC 2024

- tiivii suite: automatic production systems governed by Artificial Intelligence; Cloud mixer remote production system.



Target audience

- Sports clubs
- Sports federation
- Distributors
- Telecommunications operator
- Pay TV operators
- Local TVs



Sakari Keskitalo
COO
sakari.keskitalo@galeracluster.com

Booth 4 | Finland | Established in 2007
www.galeracluster.com

Zero tolerance for downtime in transaction-intensive businesses

Codership revolutionises data management with Galera Cluster for MySQL and MariaDB, a user-friendly high-availability software clustering solution with high system uptime, no data loss, and scalability for future growth. Codership, known for its top-tier customer support, boasts a client roster featuring Nokia, Ericsson, Lufthansa and numerous other companies, with zero tolerance for downtime. Galera Cluster secures synchronised database copies, targeting businesses both on premises and in the cloud.

Achievements

- Trusted by thousands of users since 2010
- Selected application of the year 2014 by MySQL
- Community Red Herring 100 Global and Europe Winner 2014

Products at MWC 2024

- Galera Cluster for MySQL
- Galera Manager
- Galera Load Balancer

Target audience

- System Integrators
- IT solution providers
- Independent Software Vendors
- Distributors
- Telecom companies





CompiraLabs

COMPIRA LABS LTD

Booth 5 | Israel | Established in 2018
www.compiralabs.com



Mark De Jong
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Ravid Hadar
VP Products
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Revolutionised Internet content delivery through a personalized and user-experience-centric model

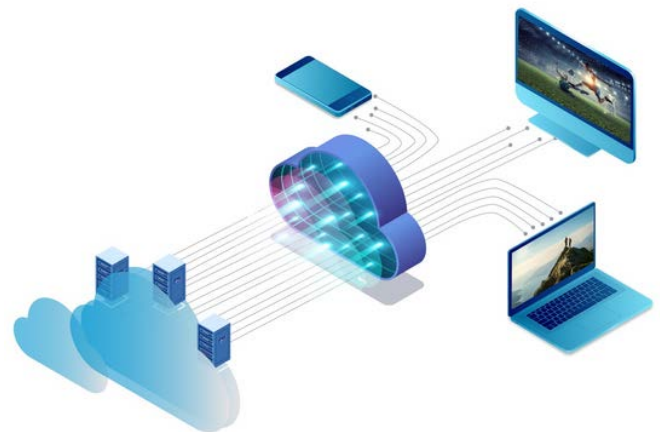
Compira Labs's (CL) mission is to transform Internet content delivery from one size fits all to personalized and user-experience-centric, thus providing the means to support the Internet services of today and tomorrow. CL introduces a paradigm shift in content delivery. Building on groundbreaking academic research by CL's co-founder, Prof. Michael Schapira, CL applies machine learning to Internet-based content delivery. CL's solution dramatically improves QoE for mass-market and emerging digital services, including VoD, live sport ,VR, Telehealth and connected cars.

Achievements

- 2019 – 2020: Founded and seed funding secured
- 2021 - Product in Beta
- 2022 - First patent granted
- 2022 - Awarded from the EIC
- 2023 - Product General Availability
- 2023 - Field pilots (Video streaming, social media, game downloads, connected car)
- 2023 - First commercial contracts

Products at MWC 2024

- CompiraEdge
- CompiraCloud



Target audience

- Investors – mainly seed and round A investors
- Hyperscaler- Large conglomerates with ownership over both video content/services and the servers responsible for their delivery (e.g., Meta)
- Video Service Providers – Companies with OTT/VOD service over the Internet
- Content Delivery Networks (CDN)
- Connected Cars – Companies
- Low orbit satellite – Companies
- Mobile/Cable operators
- Infrastructure – Companies



Booth 6 | Germany | Established in 2017
www.cyraco.com



Joaquin Calvo de No
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joaquin.calvo@cyraco.com



Constantin Kontargyris
CEO
europe@cyraco.com

Fail-safe, digital, and intelligent approach for fully remote inspections and monitoring in industrial environments

CYRACO GmbH emerged from former board members of a prominent Testing, Inspection, and Certification (TIC) conglomerate to harness cutting-edge advancements in Artificial Intelligence (AI) and Augmented Reality (AR) and enhance the efficiency and reliability of the TIC industry. Cyraco's mission is to assist industrial quality and compliance managers by providing efficient digital tools to streamline their operational tasks. Its vision is to spearhead the digitalisation of the TIC industry, propelling the automation of all supply chain monitoring processes.

Achievements

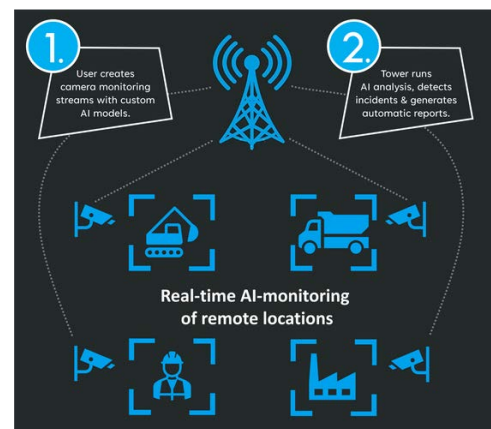
- Awarded Seal of Excellence from EU
- Pioneers in the remote industrial inspection sector, essential during the COVID lockdowns
- Awarded from the EIC Accelerator programme
- Member of the Climate Alliance and the German Association for Quality
- Strategic partnerships with key players in the TIC industry
- Only EU-based tech player capable of providing AR and AI integrated phone and glass real-time streaming services
- Successfully carried out over 20 pilots with large industrial players

Target audience

- Large customers from the construction, manufacturing, logistics or retail industries
- Quality/Safety Directors, Supply Chain Managers, Operations Directors, Compliance Managers
- Distributors and business partners with strong customer portfolio

Products at MWC 2024

- CYRACO remote digital inspections: AR and AI assisted inspections with smartphones and smart glasses
- CYRACO remote digital monitoring: AI assisted monitoring with automatic incident detection based on dynamic AI models





DRONE HOPPER, S.L.

Booth 7 | Spain | Established in 2015
www.drone-hopper.com



Ahmed Refaat Ragab
CRO
a.refaat@drone-hopper.com

Revolutionising the Unmanned Aircraft Systems (UAS) market through heavy-duty multi-rotors

DRONE HOPPER envisions leading the UAS market with enhanced capabilities through its patented technology, aiming to improve quality of life and reduce risks globally. The company offers exclusive aerial solutions for diverse challenges such as forest and urban firefighting, precision agriculture, surveillance, search and rescue, and parcel and medical delivery. DRONE HOPPER's mission is to design, manufacture and sell industrial drones, developing a family of heavy-duty multi-rotors.

Achievements

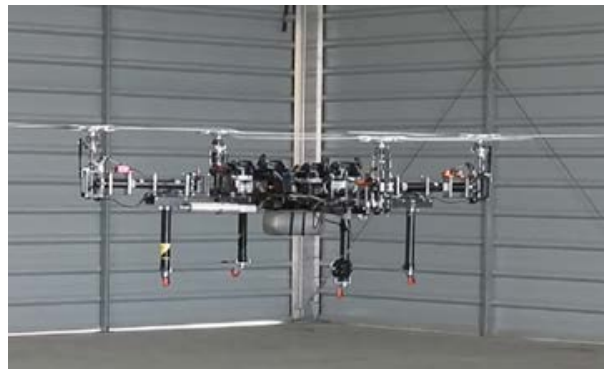
- Lince & e-Lince for the Spanish Guard civil
- European satellite navigation competition Madrid winner (2016)
- VALOR SEGURO one magazine winner (2016)
- FIMART start-up contest winner (2016)
- ESA_BIC first promotion champion (2017)
- Innovation award aerospace engineers association winner (2017)
- GO_ODS United Nations terrestrial ecosystems winner (2018), recognition from Rafael del Pino foundation and the Spanish network for the Mundial treaty
- Top EU 50 start-ups European Commission Champion (2018)

Products at MWC 2024

- QUAD HOPPER
- LINCE & E-LINCE helicopters
- TITANIUM XL / SAMIL helicopters

Target audience

- Investors
- Partners with good communication channels within the drones market in and beyond the EU





Excess Engineering
going beyond.

Excess Engineering AS

Booth 8 | Norway | Established in 2017
www.excessengineering.no



Ove Kalvatn
CEO
ove@excessengineering.no



Narjes Jafariesfad
CRO
narjes@excessengineering.no

Excess Engineering's patented electric actuator revolutionises construction machines.

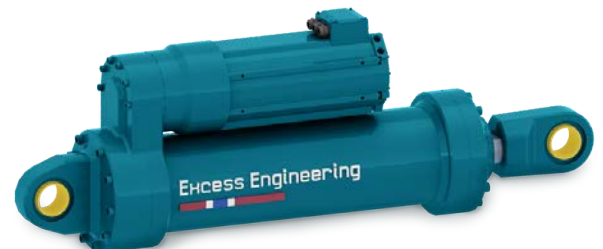
Excess Engineering pioneers sustainable electric solutions for a green future, focusing on emission-free construction machinery. Committed to No Environmental Spill, Excess Engineering has developed a patented and tested electric actuator that can replace all type of hydraulic systems. In partnership with industry leaders like Rental.one, Gabler Naval AG, and Geoquip Marine AG, these highly versatile electric actuators can handle loads up to 100 tons and are now conquering the harshest construction and mining environments.

Achievements

- Nominated for innovation award in the new technology category in intermat construction 2024
- Awarded seal of excellence from the EIC, December 2022
- Awarded 10 million EUR funding through the EIC accelerator programme in June 2023
- Contracted two pilot projects
- Patented technology nationally and internationally

Products at MWC 2024

- Electric Actuator
- All-Electric Wheel Loader, A Hydraulic-Free Machine



Target audience

- Customers: hydraulic system integrators, OEM builders
- Investors
- Partners: key players in the market for sales and logistics
- Suppliers: partnerships for manufacturing and assembly



Booth 9 | Spain | Established in 2015
www.ignion.io



Jordi Miro
CMO
jordi.miro@ignion.io



Roc Grados
CMO
roc.grados@ignion.io

Making wireless connectivity as simple as Lego

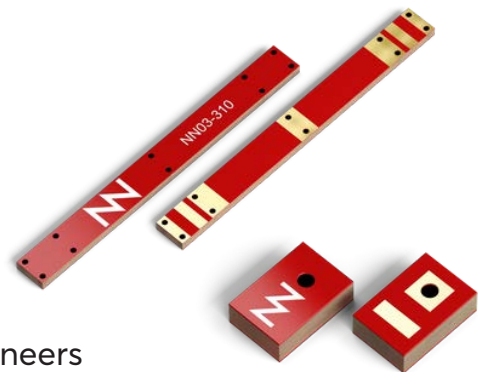
Positioned as the “Lego” of the wireless space, Ignion is a leading provider of unique off-the-shelf custom antenna solutions for IoT and wireless communications devices. With a focus on innovation and leveraging cutting-edge advancements such as Artificial Intelligence and Machine Learning Ignion’s Antenna Intelligence Cloud™ and Virtual Antenna® components simplify RF design and antenna integration to streamline development. Ignion’s offerings ensure robust RF performance allowing developers of all stripes from novices to veterans to get to market faster and more reliably. Ignion solutions are deployed in millions of devices worldwide, making us a trusted partner for accelerating IoT and wireless product development.

Achievements

- More than 30M chip antennas sold for IoT
- 200% CAGR in sales of Virtual Antenna® components
- 1.500+ OEM/ODM clients worldwide
- 20+ years leading the antenna revolution

Products at MWC 2024

- Virtual Antenna® components
- Antenna Intelligence Cloud™



Target audience

- Full device engineers, hardware engineers RF engineers
- Project/product managers
- Product design agencies
- Hardware partners
- Universities and research



MANOMOTION

ManoMotion

Booth 10 | Sweden | Established in 2015
www.manomotion.com



Joakim Rutegard
CMO
joakim.rutegard@manomotion.com



Yeray Real Delgado
CMO
yeray@manomotion.com

ManoMotion is your Gateway to Cutting-Edge Hand and Body Interaction Solutions

ManoMotion hand interaction and gesture technologies offer a metaverse experience by eliminating the need for traditional hand controllers, providing natural and intuitive interaction without external hardware. In addition, ManoMotion replaces conventional keypads with touchless interaction in industrial applications. ManoMotion's predictive industrial safety solutions safeguard hands and other body parts from injury by detecting potential dangers before they occur. ManoMotion's AI/ML-enabled, vision-based SW interaction solutions are based on regular camera sensors, RGB, monochrome/IR or ToF sensors, removing the need for proprietary or dedicated HW sensors.

Achievements

- ManoMotion part of world's first AI safety solution for dangerous machines
- Partnerships with major corporations: 3M, P&G, Volvo Penta, Varjo, Xtal, Bosch, ABB, Epiroc, Atlas Copco, Canon, etc.
- Collaborations under NDA with large clients across various industries
- Multiple international and national awards, including Best Software Interaction tool at AWE.

Products at MWC 2024

- Digital emergency stops (hands/body/face/ + counting of people)
- Proximity detection (same as above, but for a different purpose)
- Gesture control- control things by using gestures (thumbs up, click, etc.)
- NearTouch- control panel without buttons
- AR/VR: (via headset and via mobile)
- Remote collaboration/education
- Collaborative robots- let humans control robots

Target audience

- Software development kit (SDK) developer
- Headset/smart glasses manufacturers
- Mobile phone, TV and conference systems manufacturers





MYPHERA

Save time. Improve care.

MYPHERA SL

Booth 11 | Spain | Established in 2012
www.mysphera.com



Daniel Vera
CMO
dvera@mysphera.com



Salvador-Enrique Vera Manero
CEO
svera@mysphera.com

Revolutionising Healthcare with 40-Minute Faster ERs and 20% Shorter Surgical Waitlists

MYPHERA aims to maximise the automation of data collection in healthcare settings. Our mission is to simplify, automate, and expedite the most complex processes in healthcare organisations. MYPHERA is dedicated to its vision of freeing healthcare professionals to focus solely on patient care, reducing time spent on non-clinical tasks. By leveraging technology, MYPHERA strives to enhance healthcare efficiency and patient outcomes, embodying innovation in healthcare management.

Achievements

- 2012 - MYPHERA deploys world's largest RTLS system at La Fe Hospital
- 2016 - Wins global IoT deployment award from RFID Journal
- 2017 - Launches ORvital at Vall d'Hebron, the first to combine RTLS with process automation
- 2018 - Closes 2.5M euro investment round; Wins Best Success Story at Business Process Manager Awards
- 2020 - Awarded Best Innovation at European Healthcare Design Awards
- 2021 - Scientific study by Royal College of Physicians shows MYPHERA's solution increases annual surgeries by over 16%
- 2022 - European Commission (EIC) invests in MYPHERA to address surgical waiting lists.
- 2023 - Deploys STELA at 12 de Octubre Hospital, reaching 50+ hospital deployments across Europe

Products at MWC 2024

- MYPHERA's cutting-edge Real Time Location System (RTLS)

Target audience

- Potential investors
- Sales and implementation partners
- Healthcare professionals and hospital administrators
- Government officials and policy makers





NIL Technology APS

Booth 12 | Denmark | Established in 2006
www.nilt.com



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CMO
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Moritz Schmidlin
Manager optical
characterization
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Redefining Optics with Meta Magic – Smaller, Smarter, and Thermally Superior

NIL Technology (NILT) is an optical solutions company designing, developing, and manufacturing optical elements and components based on Meta Optics – flat optics containing nanoscale features. Today, NILT is a vertically integrated company in the area of Meta Optics, from design to prototyping, optical characterisation, manufacturing, and testing. Using Meta Optics, NILT can create the next generation of optical modules that are smaller than existing solutions, contain fewer elements, are more thermally stable and can contain more functionalities.

Achievements

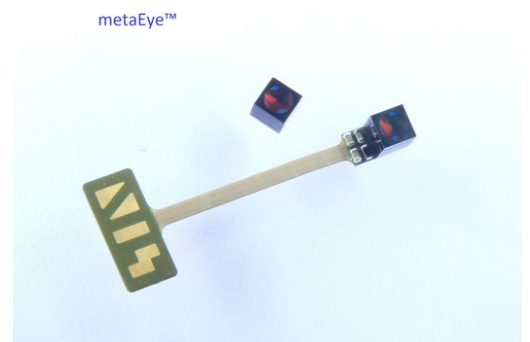
- First Metalens Eye tracking camera (metaEye™) pushing form factor to the extremes and using novel camera architecture ready for the market
- NILT masters for Augmented Reality used by multiple leading companies in the field
- NILT demonstrating leading efficiencies of Meta Optics for VIS, NIR and SWIR
- Designing and building high FOI (144 deg x 70 deg) dot projector using a single Meta Optic
- First product ramped from NILT's manufacturing site for biotech market
- Demonstration of iToF camera based on low F# meta optic element

Products at MWC 2024

- Latest camera, the metaEye

Target audience

- Companies manufacturing Augmented Reality Devices or Head Mounted Displays (HMDs)
- Companies interested in miniature cameras and Eye Tracking
- Companies that use 3D sensing solutions (time of flight (TOF), stereo vision, LiDAR) and faceID
- Companies working with DMS/OMS (driver monitoring/occupancy monitoring) for automotive companies





Booth 13 | Denmark | Established in 2006
www.seluxit.com



Daniel Lux
CEO
daniel@seluxit.com



Mads Westergaard Pedersen
COO
madsped@seluxit.com

Empowering a sustainable future by simplifying resource conservation for our customers through the utilization of IoT technology

Seluxit aims to inspire students to innovate using technology in the real world and provide smart solutions for saving energy. Seluxit wants to equip youth with technical skills and fuel them with innovative thinking and problem-solving skills while learning meaningful competencies such as data science, math, energy, physics and programming. By introducing our young people to energy, IoT and science in a practical and hands-on way, Seluxit aims to nurture future generations with interest, knowledge and skills. Seluxit believes today's global climate challenges need to be solved by tomorrow's generations – and it starts with fun learning and inspiration.

Achievements

- 2023 - Seluxit in the Top 50 innovative PropTech solution in EU
- 2021 - +500.000 devices on Wappsto
- 2017 - European Commission seal of excellence
- 2018 - Listed on Nasdaq first north
- 2020 - 350.000 communication modules for smart meters to German market

Target audience

- Investors
- Educational institutions and governments
- Distributors and re-sellers
- Large corporations (end-customers)

Products at MWC 2024

- Wappsto - Seluxit IoT cloud platform
- Wappsto:bit
- Seluxit eCOP smart plug





SettleMint NV

Booth 14 | Belgium | Established in 2016
www.settlemint.com



Matthew Van Niekerk
CEO
matthew@settlemint.com



Salvatore Provenzano
CMO
salvatore@settlemint.com

As a Blockchain Transformation Company, SettleMint is the bridge

SettleMint is the Blockchain Transformation Company that connects the dots between people, processes, and technology to accelerate value creation with blockchain. It enables enterprises to build and integrate blockchain applications easily and rapidly while empowering teams with the necessary skills, knowledge, methodologies, guidance, and ongoing support. SettleMint believes this technology will continue to grow, hence it is focused on accelerating blockchain transformation for all.

Achievements

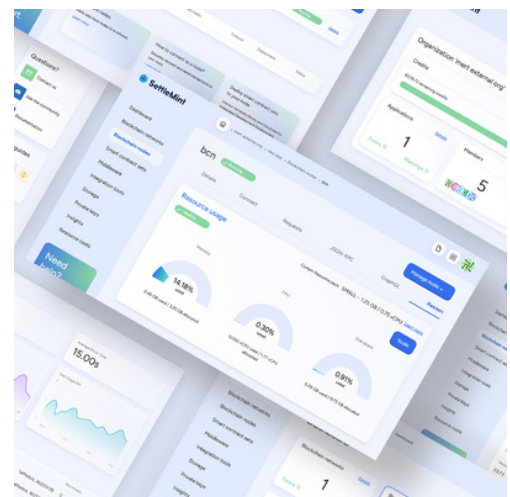
- Featured on Gartner's Blockchain Hype Cycle 2021-2023, recognized as a 'Cool Vendor' and 'Low-Code Trailblazer'
- Completed SOC 2 Type II audit, raised €16M in Series A funding, expanding globally
- Collaborated with Fujitsu, Qatar Financial Centre, and Islamic Development Bank Institute
- Introduced AI Genie within the SettleMint blockchain transformation platform, and elevated KBC's Bolero Crowdfunding platform to blockchain
- Active contributor to the World Economic Forum's blockchain working groups
- Deployed over 100 production implementations, in Europe, the Middle East, Africa, India, Singapore, and Japan

Products at MWC 2024

- SettleMint Platform

Target audience

- Enterprises and corporations
- Technology enthusiasts
- Investors
- Government and regulatory bodies
- Partnerships and collaborators
- Startups and Entrepreneurs
- Supply chain professionals
- Sustainability advocates





VAULTREE LIMITED

Booth 15 | Ireland | Established in 2020
www.vaultree.com



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scott.getchel@vaultree.com



John Salomon
Data Security Advisor
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Dáire Boylan
Solutions Director
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Vaultree enables real-time processing on encrypted data at unmatched speed and scale

Vaultree, a leader in cybersecurity, has pioneered the world's first Fully Functional Data-In-Use Encryption (FFDUE), transforming the approach to sensitive data protection and access. Vaultree's innovative solution enables enterprise organisations to securely process, search, and compute on structured and unstructured encrypted data, enabling AI and ML applications. Vaultree eliminates traditional encryption challenges with performance, speed and scale, making it the ideal solution for data-intensive industries.

Achievements

- Generated customer traction in data-intensive industries
- Achieved breakthroughs in Fully Homomorphic Encryption (FHE) for real-time processing of billions of encrypted records
- Set a new global benchmark for speed and performance in FHE
- Established technology partnerships with Google Cloud SQL, Google AlloyDB, Tableau, and Qrypt
- Attained SOC 2 and ISO 27001 certifications for data security and privacy.
- Recognized as a 2023 Tech Pioneer by the World Economic Forum
- Won Gold at the CyberSecurity Excellence Awards, Editor's Choice at the Global InfoSec Awards, and Fast Company's World Changing Ideas Award
- Featured on a Times Square billboard for industry recognition

Products at MWC 2024

- Fully Functional Data-In-Use Encryption (FFDUETM)

Target audience

- Enterprises seeking innovative data protection solutions
- Mobile Network Operators (MNOs)
- Mobile Virtual Network Operators (MVNOs)
- Software Developers
- Industry leaders
- Decision-makers in the mobile technology space





7 EIC Tech to Market Venture Building Programme

The EIC Tech to Market Venture Building (EIC T2M VB) is an EIC Programme with a mission to help building start-ups by exploiting promising research results of EIC Pathfinder and Transition funded projects. To achieve this, the programme offers a process composed by four phases:

- Tech Demo Days: Entryway to the programme with thematic exploration workshops where projects receive feedback from key market players on their technology's potential.
- Opportunities' Exploration: Guidance on feasibility from a team of experts with business insights that can help projects to improve.
- Team Creation: Support to build the projects' teams with individualised recruitment services, access to entrepreneurs in residence and to talent brokerage events.
- Venture Support Services: Development of needs analysis and provision of advisory expertise on key domains for venture creation, such as IP, finance, HR, among others.

Ultimately, the programme aims to support EIC beneficiaries in their journey to kick-start successful start-ups by leveraging on the great potential of their research and innovation combined with our tailor-made activities to support in the creation of a start-up, in building their team and hopefully establishing a new venture.





8 Meet the EIC Pathfinder & Transition awardees at MWC 2024



3PaTec



Asteasier



Catcher



EndoSolve



Linari Nanotech
- NanoWings



Prisma



The metal – free
superbattery



SpiNNcloud
Systems



Parkinson AID



SuperClean



TAONas-LUAD



Xipscope

9 Find the EIC Pathfinder & Transition awardees at MWC 2024

The 4YFN area
Hall: 8.1

Booths No: 8.1B53.7 and 8.1B53.8





3PaTec



Booth 81.B53.8 | Germany
blogs.uni-bremen.de/3patec/



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3PaTec stands for Three-parent breeding technology for plants of the future. 3PaTec capitalises on the game changing discovery that exploits the fusion of an egg with sperm from two different fathers yielding viable triparental plant offspring. Additionally, three-parent crosses can bypass a hybridisation barrier of the seed opening the way for exploiting beneficial traits of previously incompatible climate-adapted wild species while reducing time to market.

With this conference, 3PaTec highlights the potential and application of three-parent crosses to a wide range of crops and take a step towards accelerating the rapid dissemination of this technology for tomorrow's global plant breeding market.



Booth: 8.1B53.7 | Italy
www.asteasier.com



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Asteasier is an EIC Transition funded project and an upcoming startup company. Asteasier's innovation is a novel process to produce astaxanthin, a carotenoid that is widely used as an additive in aquaculture feed, in a more sustainable and cost-effective way. Asteasier is currently at Technology Readiness Level (TRL) 5, but will reach TRL 7 by the end of 2024.

In 2025, a fundraising campaign will allow the company to prepare the market entry, planned for the end of 2025. With this goal in mind, the 2024 MWC-4YFN event is a great opportunity to meet and engage investors, stakeholders and potential partners.



CATCHER



Booth 8.1B53.7 | PORTUGAL
www.cascatachuva.eu



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The startup CASCATACHUVA Ltd Portugal, stems out of the EIC CATCHER project, 101046307, HORIZON-EIC-2021-PATHFINDEROPEN-01. Its groundbreaking technology allows direct conversion of atmospheric humidity into electricity. It operates without any water consumption, relying solely on the natural equilibrium of physical processes.

The modular device is customisable for desired power outputs, ensuring 20+ year lifespan. The three-year goal is a 1m³ module producing 10kWh/day, suitable to cover energy needs of 100 - 200m² households. CASCATACHUVA's innovative approach aligns with the EIC CATCHER project's objectives.

EndoSolve



Booth 8.1B55 | Ireland
www.onawavemedical.com



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Accurate, remote, non-invasive test that enables simpler, earlier and more cost-effective diagnosis of patients with endometriosis. Endosolve technology is a digital biomarker-based risk-stratification platform and associated wearable solution that can identify pelvic conditions, such as endometriosis and subfertility, to support clinical decision-making and enhance the delivery of personalised care for the individual. Attending MWC-4YFN will allow to gain exposure for our innovative, deep-tech project in a global technology environment.



Linari Nanotech - NanoWings



Booth 8.1B53.8 | Italy
www.linarinanotech.com



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The NanoWings project aims to develop a nanocoating to be applied on the wind turbines blades to reduce the ice adhesion and build-up. The final objective is to improve the productivity of wind turbines and reduce the costs for de-icing and plant stops.

During the R&D phase of NanoWings, Linari Nanotech has discovered a new anti-counterfeiting material based on transparent nanofibers that can be inspected just with a laser pointer and a mobile.

NanoWings will showcase its results and potential for the electronics market. The objective is to find potential customers interested in these kinds of technologies based on nanofibers for co-development of groundbreaking new products.

PRISMA



Booth 8.1B53 | IT/ES
www.prisma-horizon.eu



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Jose-Luis Diez
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Prisma is an innovative insulin pump that will innovate the patch pump market thanks to its unique pumping mechanism and closed-loop control. The Prisma pump will be the smallest, lightest and smartest pump on the market, drastically increasing the quality of life of type 1 diabetic patients. Ultimately, this technology will also enable multi-hormone therapy with the same device.



The metal – free superbattery



Booth: 8.1B53.7 | Spain
www.redcap.energy



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B5tec focuses on developing organic active materials that can replace metals in battery performance. Lithium or cobalt, which are widely used for batteries, are limited resources, which generate a large environmental impact. B5tec introduces its latest endeavour, REDCAP.

This metal-free technological approach has allowed us to create a sustainable, non-toxic, safe, no fire or explosion, affordable, lower carbon footprint and low-cost storage solution. Achieve performance (life cycles, power or energy) unimagined and unknown today through the development of newly designed organic active material. This allows breaking the current paradigms of possible applications. Ready for battery energy storage solutions and mobility coming soon.

SpiNNcloud Systems



Booth 8.1B53.7 | Germany
www.spinnccloud.com



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SpiNNcloud Systems is pushing the boundaries of AI with SpiNNNode, a groundbreaking project aimed at bridging the gap between cloud-based AI and edge computing. While AI has made impressive strides, it still faces limitations in terms of communication bottlenecks and energy efficiency due to hardware constraints.

With the support of the EIC Transition, SpiNNNode aims to address these challenges to create real-time, autonomous and sustainable AI solutions that lead towards the third wave of AI.



Parkinson AID



Booth 8.1B53.8 | Spain
www.starlab.es



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Due to the high heterogeneity among Parkinson's Disease (PD) patients, there is currently a lack of biomarkers related to disease severity for disease modifying therapies, able to only treat early stages. However, patients diagnosed as "early-stage" may already be at advanced stages. Starlab provides a solution for stratification of early PD through electroencephalography (EEG).

The technology is offered as a SaaS, it is easy to use and offers early PD detection up to 8 before diagnosis, with 83% sensitivity and 99% specificity. Starlab's goal in the 4YFN programme is to showcase the technology to attract potential clients.

SuperClean



Booth 8.1B55 | Greece
www.supercleantech.eu



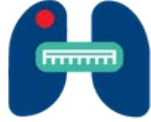
Angelos Zeniou
Research Associate
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SuperClean, an EIC Transition project, introduces a pioneering superhydrophobic membrane technology for water and wastewater treatment. This patented technology boosts the efficiency of utilising alternative water sources like saline or wastewater, addressing global water scarcity. In line with sustainability and circular economy principles, SuperClean helps industries save crucial resources like raw materials, energy, and water.

With its imminent market launch, SuperClean promises to be a game-changer in sustainable water management technologies. The participation of SuperClean in MWC-4YFN is key to raising project awareness, seeking synergies, and forming partnerships; crucial steps towards the commercialisation of this innovative solution.



TAONas-LUAD



TAONas-LUAD

Booth 8.1B55 | Spain
TAONas-LUAD.eu



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Diana Domínguez
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The TAONas-LUAD project focuses on developing an application of antisense oligonucleotides (AON)-based splicing modulation in clinical oncology. Alterations in Alternative Splicing (AS), a process leading to the synthesis of different protein variants from a single gene, contribute to all cancer hallmarks. Splicing modulation therapies based on the use of AONs have revolutionised treating many other diseases but haven't yet been successfully applied to cancer yet.

The proprietary AONs prevent lung cancer cell proliferation in vitro and inhibit tumor growth in mouse models of human Lung Adenocarcinoma (LUAD), showing promising results for developing improved treatments. At 4YFN, TAONas-LUAD is seeking to validate the approach with experienced drug development peers and engage with health-tech investors.

Xipscope



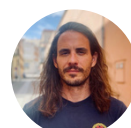
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Empower your insights on-the-go: AI-powered microscopy in your pocket. The Xipscope product is designed to monitor the minutiae of any given sample, whether it's Organ-On-Chip, Food & Beverage, soil, water, air, or biological material.

With its advanced sensors and cutting-edge AI analysis, this device can instantly provide detailed insights about the sample's composition, quality, and other critical parameters. It's not just a gadget; it's a comprehensive monitoring solution that's small enough to fit in your pocket, yet powerful enough to deliver laboratory-grade results in real time.

Whether you're a scientist in the field, a quality control expert in a manufacturing plant, or an environmentalist monitoring pollution, the device empowers and helps to make informed decisions on the spot. This is more than just technology; it's a new way of interacting with and understanding the microscopic world around us.

