

MWC 2022

UK Company Directory
28 February - 03 March 2022



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GREAT

BRITAIN & NORTHERN IRELAND

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Foreword from Minister for Exports Mike Freer MP



The UK is proud to be Europe's leading tech nation with a start-up and scale-up segment valued at over \$585bn. The UK's strong research base, talent pool, dynamic ecosystem, reputation for innovation and attractive business environment continues to foster the best environment for the creation and development of world leading and innovative tech companies.

The UK remains Europe's number one destination for Venture Capital and – despite the pandemic – received the record amount of \$15bn in 2020, equating to one-third of the European-wide total.

This clearly demonstrates our resilience and dynamism as one of only three countries that has seen investment growth each year since 2015. The UK is the first country in Europe and the third globally to have reached the milestone of 100 tech unicorns, with 29 unicorns being created in 2021 alone. The number of UK tech unicorns now stands at 116, which is more than Germany, France and Sweden combined.

Ranking 4th in the Global Innovation Index 2021, we are home to the world's first dedicated 6G innovation centre and our record levels of R&D investment continues to drive UK tech innovation forward, with a total UK corporate spend of \$26bn in 2019.

I am delighted to be attending MWC with an outstanding and diverse UK tech delegation. This directory provides a list of the UK companies exhibiting at the show and I invite you to come and meet them at the UK Pavilion stand number 7B41 in hall 7 and the UK Pavilion at 4YFN.

A handwritten signature in black ink, appearing to read 'Mike Freer'.

Minister for Exports
Mike Freer MP.

About the Department for International Trade (DIT)

We secure UK and global prosperity by promoting and financing international trade and investment, and championing free trade.

The range of expert services is tailored to the needs of individual businesses to maximise their international success. Companies are given advice and practical support, and staff can assist at all stages of the business planning cycle, from inception to completion.

The UK's commitment to support global investment is unparalleled. Our international network provides a global reach in 170 countries. Staff work to ensure global businesses can invest successfully in the UK.

We are an international economic department, responsible for delivering 4 priority outcomes:

1. Secure world-class free trade agreements and reduce market access barriers, ensuring that consumers and businesses can benefit from both.
2. Encourage economic growth and a green industrial revolution across all parts of the UK through attracting and retaining inward investment.
3. Support UK business to take full advantage of trade opportunities, including those arising from delivering free trade agreements, facilitating UK exports.
4. Champion the rules-based international trading system and operate the UK's new trading system, including protecting UK businesses from unfair trade practices.

For more information, please visit:
www.great.gov.uk/international



Department for
International Trade

Great Businesses are secure businesses

UK cyber security experts lead the world in tackling digital threats across industries and borders. Access our leading cyber innovation for your business.

To see things differently, choose the UK.
Find out more at great.gov.uk/tech




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Great Futures need bold commitments

Jaguar Land Rover's commitment to make Jaguars pure-electric by 2025, and offer electric versions of their entire range by the end of the decade, is just one example of the UK's leadership on global climate action. Join us and see things differently.




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The UK government and automotive industry have jointly invested more than £400m into the sector.

£400m



The UK is the global centre for the innovation and development of connected and automated mobility technologies (CAM), set to be worth £100bn globally by 2035.

£100bn

CAM will transform transport, making journeys greener, safer, easier and more productive.



UK Government investment in EV development, infrastructure and market uptake amounts to

£2.8bn

by 2035



UK Export
Finance

ACHIEVE MORE

WITH OUR

FLEXIBLE FINANCE

UK Export Finance provides competitive and flexible financing solutions.

Our rich tradition of innovation and excellence can add momentum to your projects and support development and growth.

LEARN MORE AT

GREAT.GOV.UK/PROJECT-FINANCE



UK Export
Finance

UK Export Finance: Leading with finance

With an open and friendly business environment, the UK is a trusted business partner for countries around the world.

UK Export Finance's financing can help buyers in both the public and commercial sectors ensure capital goods or services from the UK come with competitive terms, providing overseas project sponsors with attractive long-term financing.

We can help buyers:

- Borrow at competitive interest rates from banks with the benefit of a strong guarantee backed by the UK government.
- Maintain flexibility, with finance that can also be used to buy supplies locally or globally, and from the UK.
- Aid procurement through supplier fair events which look to match demand directly with UK suppliers offering quality and innovation.

We work closely with the Department for International Trade, the Foreign, Commonwealth and Development Office, HM Trade Commissioners and British Ambassadors to engage with overseas governments and multinational companies looking to buy from the UK.

Learn more at www.great.gov.uk/project-finance.



Department for
Digital, Culture,
Media & Sport

UK
5G

Innovation
Network

5G Testbeds and Trials Programme

The UK is committed to providing the world-class digital infrastructure it needs to compete and grow in the modern economy.

The 5G Testbeds and Trials Programme was set up as a centre of excellence in 2017 with £200 million committed to establishing 5G test facilities across the UK.

The Programme has part-funded over 30 large-scale adoption projects across multiple sectors, running in 34 counties in 13 regions of the UK, with over 200 project partners.

The Programme has made solid progress unlocking £2.58 billion or £15 for every £1 invested, due to potential earlier adoption of technology in sectors such as healthcare and manufacturing.

UK5G

UK5G is the national innovation network dedicated to the promotion of research, collaboration and the industrial application of 5G in the UK.

Join the two-day physical and online conference showcasing the variety of 5G trials in the UK March 22 & 23 2022.

Green Planet AR Experience

The cutting edge Green Planet 5G app, fronted by Sir David Attenborough is an inspiring example of how new technology can reconnect us with the natural world whilst demonstrating the power of 5G to a new audience.

5G allows an exciting new way for audiences of all ages to learn more about the natural world by offering very high-resolution immersive experience, including scientifically accurate plants and creatures onto their handset.

The project will be demonstrating the app this year at their Green Planet experience in Regent Street.

Visit our digital Exhibition Halls for practical help on your 5G journey



www.UK5G.org

BBC earth

THE GREEN PLANET AR EXPERIENCE

POWERED BY 5G



JOIN DAVID ATTENBOROUGH
through the magic of augmented reality,
on a journey across our green planet.

Exhibitor List

Company	Page	Stand
51Degrees	20	7A15.8
5GEM	21	7B21
AccelerComm Ltd	22	7C24, 7G60MR
Addressless Mailing Ltd	116	7B41
Aimmo UK Ltd	23	6C31.7 (4YFN)
Angoka Ltd	24	7B41
AttoCore	25	UK Pavilion - 7A15.5
Barnes International Ltd	26	UK Pavilion - 7A15.10
Blackbelt Smartphone Defence Ltd	27	UK Pavilion - 7A15.3
Bohemia Automation	28	7B41
Buyapowa Limited	29	7A9
Cambium Networks	30	7F65MR and 7G66MR
Cardinality.io	31	2B11MR
CEH Technologies Ltd	32	UK Pavilion - 7A15.1
Cerillion	33	7B61
CGA Simulation	117	7B41
Cloud Web Designer Ltd	118	7B41
CommAgility	34	7B20
Communications Consultants Worldwide Ltd	35	7A5
Copper Horse Ltd	36	7B41
Creativity Software	37	7B41
CrowdSurf Ltd	119	7B41
Curvalux UK Ltd	120	7B41
Cyberselves Universal Ltd	121	7B41
Dexon Software	38	7A43
Digis Squared	39	7B11
Emeldi UK	40	UK Pavilion - 7A15.7
Empello Ltd	41	7G79MR
ENEA	42	2E51MR
Eseye	43	7B41
Focus Data Services Ltd	46	UK Pavilion - 7A15.2
Gazooky Studios (Immersive Storylab) Ltd	122	7B41
GSA	47	7B41
Indiespring	123	7B41
ISIX Communications LLP	48	UK Pavilion - 7A15.9
JAYBEAM WIRELESS SAS	49	7B51
Kaiku	52	7B41

Company	Page	Stand
Kokoon Technology Ltd	53	6C31.8 (4YFN)
KORE	54	2C20MR, 2C22MR
Masters of Pie	55	UK Pavilion - 7A15.4
MiVote Technology	56	6C31.5 (4YFN)
Mobile Mark Europe Ltd	57	7B19
Mobilise	58	UK Pavilion - 7A15.11
MysteryVibe	59	7B41
Navenio	60	7B41
Net AI Tech Ltd	61	6C31.9 (4YFN)
Numerous Networks	62	7B41
Oxford Immune Algorithmics	63	6C31.3 (4YFN)
Pelatro Plc	64	5113MR
Planet Computers Ltd	65	UK Pavilion - 7A15.6
pureLiFi	66	7A11
Queen's University Belfast (Centre for Wireless Innovation)	67	7A9
Radio Net Media Ltd	70	6C31.6 (4YFN)
Ranplan Wireless	71	7B15
Shiftcam EMEA	72	6C31.10 (4YFN)
SLA Digital	73	7B41
Smart Audio Technologies	74	6C31.4 (4YFN)
Speechmatics	75	7C18
Starfish Technologies Ltd	76	7A9
StepTribe Ltd	77	6C31.2 (4YFN)
swlDtch	112	7F21
The Society of Motor Manufacturers and Traders	78	7B41
TMT Analysis Ltd	79	UK Pavilion - 7A15.12
Transalis	80	7B41w
Truphone	81	5A32
TTP plc	82	7C23
UM Autonomous Systems	83	GSMA Foundry Stand - Booth 302 - Industry City - Hall 4
Waracle	84	7B41
what3words	85	6C76 (4YFN)
White Label Loyalty	86	6C31.1 (4YFN)
Wireless Excellence Ltd	87	7B41
Wray Castle	124	7B41
Zeetta Networks	88	7B21

Product Categories

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Bluetooth Accessories

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Smart Audio Technologies.....	74

BTS Fronthaul Solutions

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Business Intelligence

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Business Support Systems (BSS)

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ISIX Communications LLP.....	48
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CRM Systems

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eUICC

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Fraud Management and Solutions

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Health, wellbeing, sport

StepTribe Ltd.....	77
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Product Categories

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JAYBEAM WIRELESS SAS	49
Mobile Mark Europe Ltd	57
Ranplan Wireless	71
Wireless Excellence Ltd	87
Zeetta Networks	88

Managed Network Services

Cambium Networks	30
Eseye	43
KORE	54
SLA Digital	73
Zeetta Networks	88

Marketing, advertising

51Degrees	20
CrowdSurf Ltd	119
Indiespring	123
Pelatro Plc	64
Radio Net Media Ltd	70
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Media

AccelerComm Ltd	22
Aimmo UK Ltd	23
Buyapowa Limited	29
MiVote Technology	56
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Starfish Technologies Ltd	76
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TMT Analysis Ltd	79
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Barnes International Ltd	26
Buyapowa Limited	29
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Cloud Web Designer Ltd	118
Copper Horse Ltd	36
Empello Ltd	41
ENEA	42
ISIX Communications LLP	48
Shiftcam EMEA	72
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Mobile Advertising and Marketing

Buyapowa Limited	29
Empello Ltd	41

Indiespring	123
Radio Net Media Ltd	70
Wray Castle	124

Mobile Enterprise Solutions and Services

AttoCore	25
Cloud Web Designer Ltd	118
Truphone	81
Waracle	84
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Mobile Entertainment

Curvalux Ltd	120
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Shiftcam EMEA	72
Wray Castle	124

Mobile Gaming

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Indiespring	123
Radio Net Media Ltd	70
Smart Audio Technologies	74

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Oxford Immune Algorithmics	63
Waracle	84
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ISIX Communications LLP	48
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Empello Ltd	41
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Copper Horse Ltd	36
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Oxford Immune Algorithmics	63
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Music, entertainment

CEH Technologies Ltd	32
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Network Management

Addressless Mailing Ltd	116
Digis Squared	39
Eseye	43
Net AI Tech Ltd	61
Ranplan Wireless	71

Truphone	81
Zeetta Networks	88

Network Operating Software

Digis Squared	39
Net AI Tech Ltd	61
Transalis	80
Truphone	81
Zeetta Networks	88

Network Planning and Design

Addressless Mailing Ltd	116
Digis Squared	39
Numerous Networks	62
Ranplan Wireless	71

NFC Services and Solutions

Barnes International Ltd	26
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Operational Support Systems (OSS)

Cerillion	33
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Other

CommAgility	34
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Bohemia Automation	28
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Shiftcam EMEA	72
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Cardinality.io	31
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AccelerComm Ltd	22
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Barnes International Ltd	26
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CommAgility	34
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CrowdSurf Ltd	119
MiVote Technology	56

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Planet Computers Ltd	
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Blackbelt Smartphone Defence Ltd	27
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Aimmo UK Ltd	23
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Wearables

CEH Technologies Ltd	32
Kokoon Technology Ltd	53

Wi-Fi Services & Management

Cambium Networks	
ENEA	42

Exhibitor Profiles

51Degrees

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Company Bio:

51Degrees is your one-stop shop for Device Detection, Geolocation, and TAC services. We provide optimization opportunities for businesses to improve their web offerings with comprehensive, fast, and accurate real-time data.

With an atlas of over 280 device properties, you can segment and personalize your websites, apps, and ads for a multitude of possibilities, including mobile screen sizes and user location. This information can then be used to improve user experience with relevant and targeted content. Our competitors include ScientiaMobile's WURFL.

Come chat with us at MWC to find out how we can turn your lost opportunities into happy customers.

Specialisms:

Our real-time data services (including Device Detection, Geolocation, and TAC intelligence) are the fastest, most accurate, and most complete on the market. We pride ourselves on working out in the open, with open-source code and clear data points.

Operating Markets:

Worldwide

Stand Number:

UK Pavilion - 7A15.8

5GEM

**Contact:**

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EC4A 4AB

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🌐 www.5g-em.org

🐦 @5gem_org

Company Bio:

5G Enabled Manufacturing (5GEM) UK is a consortium of eight organisations exploring use cases for 5G private networks in different manufacturing environments. The two-year project, supported by the UK government 5G Testbeds and Trials Programme, began in June 2020.

5GEM aims to demonstrate how industry can draw upon the improved connectivity and reduced latency offered by 5G technology which allows machines to communicate in near real time.

Specialisms:

Manufacturing enabled by 5G mobile private networks.

Operating Markets:

United Kingdom

Stand Number:

7B21

Exhibitor Profiles

AccelerComm Ltd


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United Kingdom
SO16 7NS

✉ robert.barnes@accelercomm.com
🌐 www.accelercomm.com
🐦 @AccelerComm

Company Bio:

AccelerComm, an exciting IP company that provides Forward Error Correction (FEC) channel coding solutions to accelerate the next generations of wireless communications.

Our technology solves the challenges that would otherwise limit the speed of next generation wireless communication, namely the error correction decoding that is required to overcome the effects of noise, interference and poor signal strength.

AccelerComm has patented encode and decode IP for 5G NR Polar chain, 5G NR LDPC chain and LTE A Pro Turbo channel coding, offering ultra low latency and delivering the 16x latency improvement to support numerology 4 in advanced 5G NR uRLLC applications.

Specialisms:

AccelerComm specialises in optimised channel coding (also known as forward error correction) solutions for 5G NR providing up to 16x improvement in latency and throughput. We achieve this by supplying best in class FPGA, ASIC and software only solutions.

Operating Markets:

Through years of university research AccelerComms unique technology achieves unprecedented performance whilst laying down the technology foundation for future wireless applications and services. Our technology is operational in several markets including; Mobile Handset, MobileBase station, Satellite and defense.

Stand Number:

7C24, 7G60MR

Aimmo UK Ltd


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United Kingdom
CV10 0TU

✉ david@aimmo.co.uk
🌐 www.aimmo.ai
🐦 @Aimmo
🌐 www.linkedin.com/company/aimmo

Company Bio:

Aimmo is a leading provider of high quality turn-key data labeling services for AI. Aimmo creates large volumes of training data accurately and quickly so that more industries and enterprises can utilise AI. Aimmo is pioneering the development of AI driven labeling and inspection services, saving our customers both time and money.

Specialisms:

Data labelling for Object Detection (2D, Orientation, Point Bounding), Semantic Segmentation, Object Tracking, Keypoints, OCR, Cuboids (Lidar, 2D Images), Video, Classification and Data Collection.

Focussed on Autonomous Driving, Advanced Driver Assistance Systems, eCommerce, Industry 4.0, Logistics, Robotics, Security, Smart Cities, Surveillance.

Operating Markets:

Korea, Europe, Japan, US, Canada

Stand Number:

6C31.7 (4YFN)

Exhibitor Profiles

Angoka Ltd

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🌐 www.angoka.io

🐦 @angokacyber

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ANGOKA

Company Bio:

ANGOKA is an IoT security company focused on protecting M2M communications for Smart Cities and Mobility. Headquartered in Belfast, with offices in London and The Hague, ANGOKA offers solutions that protect devices' identities. With an increase of inherently insecure networks coming online with the boom of IoT, ANGOKA's solutions safeguard critical machine-to-machine communication integrity and data provenance, creating trusted connections, even in untrustworthy networks.

ANGOKA is the only cybersecurity company to win a place on Zenzic's CAM Scale-Up Programme. ANGOKA is also an alumnus of the UK Government's National Cyber Security Centre's Cyber Accelerator

Specialisms:

Angoka uses symmetric keys with quantum certified functions such as Hashes. Our system provides lower OPEX because our system allows dynamic, just-in-time generation/update to the device IDs and device private network or session IDs and keys.

Operating Markets:

United Kingdom, The Netherlands

Stand Number:

7B41

AttoCore

**Contact:**

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🌐 www.attocore.com

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Company Bio:

AttoCore develops 3GPP standards compliant virtual core network software for 5G and 4G mobile communications that runs flexibly: in the Kubernetes cloud, on bare metal and embedded; on x86, ARM and MIPS processors.

Just add standard small cells to form complete private 5G and 4G networks.

AttoCore's patented mesh technology can link these networks and enable them to expand automatically, with self-healing. Coupling applications such as Push-To-Talk creates Network In a Box solutions for deployment in public safety, military and enterprise private networks.

Attocore's 5G Location Based Service software is best of breed, combining many location methods for superior accuracy.

Specialisms:

AttoCore develops Mobile Core Software for 5G and 4G private networks by applying development and testing practises that ensure the highest standard of Software Reliability and Product Flexibility.

Operating Markets:

AttoCore operates globally through System Integrator partners and has a specific focus on UK, EU and USA

Stand Number:

UK Pavilion - 7A15.5

Exhibitor Profiles

Barnes International Ltd



Contact:

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Droxford
United Kingdom
SO32 3PW

✉ brian@barnestest.com

🌐 www.barnestest.com

🐦 twitter.com/barnes_test

🌐 www.linkedin.com/company/barnes-international-ltd

Company Bio:

Barnes provides the leading range of EMV Test Tools for payment cards, devices and mobile applications used in over 110 countries worldwide for quality control, development and certification testing for Mastercard, Visa etc.

We have developed 100% inline QC and online testing tools. We provide excellent post-sales service, technical help and support for Manufacturers, Bureaus, Issuers, Laboratories and Payment Schemes.

CQM test tools and solutions for 100% inline testing for contactless cards and wearables.

Expert EMV Consultancy and Training courses.
ISO 7811/CQM Mag-Stripe Analysers.
P3 data preparation system for issuance of cards and EMV tokens.

Specialisms:

We have built a strong reputation on the basis of our superior product support. Our support team is committed to ensuring our customers are always able to deliver the highest quality payment solutions (24/7).

Operating Markets:

Over 110 countries worldwide.

Stand Number:

UK Pavilion - 7A15.10

Blackbelt Smartphone Defence Ltd



Contact:

Helm Bank
Kendal
United Kingdom
LA9 7PS

✉ harby@blackbeltdefence.com

🌐 www.blackbeltdefence.com

🐦 @blackbeltmobile

Company Bio:

Established since 2004. We provide end to end device lifecycle solutions including; smartphone data handling & security, diagnostics and trade-in & wireless apps across a variety of industries. Our Smart device lifecycle software solutions are fully customisable and integrated across every touchpoint, enabling businesses to increase efficiency, streamline processes, and encourage scalability.

With over 25 million devices processed every year, our diverse product range can be tailored for Consumers, Retail, Warehouse and Aftercare services- integrated seamlessly whilst enhancing automation.

Specialisms:

Our purpose, as a software powerhouse is to bring innovation to life through our seamless integrated solutions. We will strive to help businesses to streamline processes, increase efficiency, maximise profits whilst decreasing e-waste globally through enhancing software automation.

Operating Markets:

Worldwide. Offices in USA, UK, Germany, India & Philippines all located to provide real time support.

Stand Number:

UK Pavilion - 7A15.3

Exhibitor Profiles

Bohemia Automation

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✉ ho@bautomation.co.uk

🌐 www.bautomation.co.uk

in www.linkedin.com/company/bohemia-automation

Company Bio:

Bohemia Automation is a new company, founded by relocating Altermtech Group Automation department to the new unit. Our team has provided automation solutions for energy sectors, heavy industry, smart building, smart cities and smart agricultural objects for decades. In the year 2017 we released our flagman an open-source cloud-SCADA automation platform EVA ICS to the public. Nowadays we continue developing EVA ICS and related products, providing commercial support, integrations and consulting services by ourselves and jointly with our partners around the world.

Specialisms:

Private Isolated Clouds (no internet connection needed for critical operation), Open-source model, Rapid deployment (infrastructure-as-code paradigm), Real control of NODs, Zero Vendor-lock-in, In-house unique technologies (ELBUS, PubSubRT and more).

Operating Markets:

Canada (Hydro Quebec), Czech Republic (City of Prague), Ukraine (DTek)

Stand Number:

7B41

Buyapowa Limited

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Company Bio:

Buyapowa is the leading advocate marketing platform powering referral marketing for over 150 leading brands and retailers across telecoms, banking, insurance, utilities, gaming and large retail. In the telecoms space along Buyapowa's technology is used by referral marketing for dozens of leading NOs (mobile, broadband & fiber) and MVNOs across B2C and B2B including: T-Mobile US, Vodafone, BT, EE, Bell, Rogers, Telus, Sling TV, Three, Wind Hellas, VTR, T-Mobile Metro, Talk Talk, Sure, Lyca Mobile, Voxi, Smarty, ID Mobile, Red Bull Mobile, 48, Vodafone-X, Lebara KSA, Koodo, Fido, among others.

Specialisms:

We help brands and retailers drive customer acquisition by getting the people who know their business to help them grow their business through referrals.

Operating Markets:

Worldwide including EMEA, North and South America, Asia and Australasia.

Stand Number:

7A9

Exhibitor Profiles

Cambium Networks



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in www.linkedin.com/company/2379548?trk=tyah

Company Bio:

Cambium Networks delivers wireless communications that work for businesses, communities, and cities worldwide. Millions of our radios are deployed to connect people, places, and things with a unified wireless fabric that spans multiple standards and frequencies of fixed wireless and Wi-Fi, all managed centrally via the cloud. Our multi-gigabit wireless fabric offers a compelling value proposition over traditional fiber and alternative wireless solutions. We work with our Cambium certified ConnectedPartners to deliver purpose-built networks for service provider, enterprise, industrial, and government connectivity solutions in urban, suburban, and rural environments, with wireless that just works.

Specialisms:

We offer Fixed Wireless Access solutions to meet customer broadband needs in both high and low-density area as an alternative and/or complement to Fibre.

Operating Markets:

Cambium Networks delivers wireless communications that work for businesses, communities, and cities worldwide.

Stand Number:

7F65MR and 7G66MR

Cardinality.io



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Company Bio:

Cardinality.io helps CSPs solve their most complex data challenges with award-winning AI solutions, real-time analytics, and cloud-native software that easily moves data between the edge the core and the cloud.

Our mission at Cardinality.io is to put the awesome power of our platform into the hands of companies and organizations of all kinds, no matter how big or small or how deep their in-house technology skills are. Cardinality.io makes enterprise-grade analytics easy to use with risk-free trials and a friendly user interface that allows users to simply ask questions and get answers, fast.

Specialisms:

DataOps and analytics uses cases that include customer experience management, network performance, roaming, data and voice quality, asset management, investment planning, and subscriber segmentation and marketing.

Operating Markets:

Cardinality.io operates globally with corporate headquarters in London, a U.S. office in Boston, and engineering in Poland.

Stand Number:

2B11MR

Exhibitor Profiles

CEH Technologies Ltd

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Company Bio:

CEH TECHNOLOGIES is an innovative manufacturer and designer of smart consumer electronics that enrich people's experience through the power of sound. We have developed the most versatile translation earbuds - Klik S - and will be launching Titan, the World's first 4G-connected, and voice controlled earbuds.

We've combined our passion for innovation, music, communication and technology to develop unique and truly wireless solutions with live voice translation and finest sound quality that will empower people to celebrate and create new experiences whilst connecting with others.

Specialisms:

Klik S is a revolutionary, truly wireless and translation earbuds that breaks down language barriers. Titan is the World's first e-Sim equipped and voice controlled earbuds enabling people to stay connected without having a phone.

Operating Markets:

UK, France, Germany, US

Stand Number:

UK Pavilion - 7A15.1

Cerillion

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cerillion

Company Bio:

Cerillion is a leading provider of billing, charging and CRM systems with 20+ years' experience delivering its solutions to mobile, fixed, cable and multi-service CSPs worldwide. These are used to price and bill subscriptions and variable usage for wholesale, retail and white label services, B2B and B2C offerings, and multi-country CSP portfolios. We combine leading edge products with highly skilled and experienced staff, to provide long-term solutions to your business challenges. From fully integrated systems to managed services and SaaS, we offer a range of approaches and business models to suit your needs now and in the future.

Specialisms:

Cerillion provides a functionally rich, pre-integrated BSS/OSS suite with a very low total cost of ownership and modular delivery options. Put simply it provides better value for money, faster delivery, lower risk and far greater end-user satisfaction.

Operating Markets:

Cerillion has a global customer base spanning the full range of telecoms technologies including mobile, fixed line, cable and TETRA services, for both network operators and resellers / xVNOS, and covering retail and wholesale business models.

Stand Number:

7B61

Exhibitor Profiles

CommAgility



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🌐 www.linkedin.com/company/commagility

Company Bio:

CommAgility is an expert technology provider in 4G and 5G customized Radio Access Networks for specialized applications. It develops embedded signal processing and RF modules, and PHY/stack software, for 4G and 5G mobile network and related applications. CommAgility provides compact, powerful, and reliable hardware and software products, as well as integrated reference systems. It is developing 3GPP standards-compliant 5G NR software, including UE and gNodeB PHY and Protocol Stack, as well as a 5G Core (5GC) for 5G small cells and private networks. CommAgility is a member of the O-RAN Alliance.

Specialisms:

CommAgility specializes in high performance, leading edge wireless infrastructure hardware and software for the Radio Access Network. It provides expert customization and support services, for private network applications such as satellite communications and air-to-ground.

Operating Markets:

CommAgility provides its technology to customers around the globe, supported by local sales reps and distributors.

Stand Number:

7B20

Communications Consultants Worldwide Ltd



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✉ sales@ccww.co.uk

🌐 www.ccww.co.uk

Company Bio:

CCww has been developing 3GPP based embedded protocol stacks for mobile devices since the early days of 2G/ GSM. Our technology has been licensed to major global chip manufacturers and system integrators. We have expertise in real-time embedded software design as well as integration with baseband and RF hardware and GCF conformance testing. Our current focus is 4G, 5G IoT.

Specialisms:

CCww's currently providing protocol stacks for 3GPP Release 14 NB-IoT and Release 17 NTN IoT.

Operating Markets:

CCww license technology and cooperates with partners around the world. Current regions of activity include USA, China, India, Europe, Middle East.

Stand Number:

7A5

Exhibitor Profiles

Copper Horse Ltd

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Company Bio:

Established in 2011 in Windsor, UK. Copper Horse are leaders in 'secure by design' within the automotive, mobile and IoT domains, driving world-leading initiatives in the global mobile industry and international standards for security in devices.

Working at the cutting edge of technology and cyber security, the company offers a range of services from consultancy to product development across a wide range of industries. Research led innovation and development are at the heart of Copper Horse. If you have an interesting and complex security problem, we are here to help.

Specialisms:

The company provides expertise in all aspects of mobile and IoT cyber security across a range of industries from automotive to health. Services include research and whitepapers, training, technical due diligence, standards expertise, penetration testing, product security design and threat-modelling.

Operating Markets:

Copper Horse is based in the UK and operates in countries across the world.

Stand Number:

7B41

Creativity Software

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🌐 www.creativitysoftware.net

🐦 [@creativitylbs](https://twitter.com/creativitylbs)

🌐 www.linkedin.com/company/creativity-software

Company Bio:

Creativity Software is a global leader in mobile network location intelligence and data enablement technologies. We enable Mobile Network Operators to derive profits from network data through agile data enablement solutions; and we deliver the highest audited network location accuracy worldwide, supporting Commercial Services, Emergency Services and Law Enforcement.

Our solutions have been trusted by Mobile Network Operators, Emergency Services, Governments and Law Enforcement Agencies for over 17 years, across 17 countries, covering more than 700 million subscribers.

Specialisms:

We deliver the highest audited network location accuracy worldwide. Our data enablement and location intelligence solutions help operators to create innovative commercial services and meet regulatory mandates for emergency services (caller location, public warning, track & trace) and Law Enforcement.

Operating Markets:

Creativity Software is based in the UK and operates globally.

Stand Number:

7B41

Exhibitor Profiles

Dexon Software



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🌐 <http://www.linkedin.com/companies/dexon-software>

Company Bio:

Manufactures of Dexon BPM: The no-code SaaS Platform to automate complex business processes in large companies used in more than 100 corporate clients, implemented 10 times faster than others.

Dexon BPM, automates business processes and data flows, connecting people and systems, and freeing people from performing activities where they are not efficient: Dexon BPM takes on work management tasks, so people can focus on what actually adds value to the business.

Specialisms:

We are different in two ways: scope and speed. We have a holistic vision of the companies: DexonBPM orchestrates the business processes and data flows automating the organization's workflow. And DexonBPM is implemented 10 times faster than others.

Operating Markets:

México, Colombia, Chile

Stand Number:

7A43

Digis Squared



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Company Bio:

Enabling smarter networks.
Managed Services | System Integration
| Consultancy

We transform telecom networks, deploy new technologies, and manage vendors, for operators, service providers and regulators.

Apply our expertise, automated AI-led tools and processes to transform your technical and commercial capabilities. We work with agility, deep experience, and our in-house cognitive tools to optimise and manage multi-vendor/technology networks.

Founded in 2016, Digis Squared has offices in UK, Egypt, UAE and Angola plus staff embedded with clients.

The Digis Squared management team have decades of experience transforming, testing and optimising networks, deploying new technologies, and managing vendors.

Digis Squared. Independent telecoms expertise.

Specialisms:

Managed Services, System Integration, Consulting

IoT - Cognitive Solutions - UFM- Smart Network Planning - Drive & Drone Testing - In-Building Surveys & Solutions - Performance & Capacity Management - Field Management.

Operating Markets:

Globally, and in particular, Middle East, Africa, Europe and North America.

Stand Number:

7B11

Exhibitor Profiles

Emeldi UK



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Company Bio:

Emeldi Group is a privately held, leading software provider to the telecommunications industry. Established in 1998, a disruptive product offering Emeldi Commerce® – an enterprise grade, unified Omni-Channel commerce and CRM application specifically designed for the communications vertical, supporting products, services & customer-engagement processes.

We strive to build state-of-the-art solutions that are built upon highly scalable and fully modular Open API Microservice, focusing on scalability and agility. This delivers operational efficiency aligned to modern DevOps principles.

Specialisms:

The Emeldi Group is a leading provider of software solutions in customer facing BSS domain - specialist in digital commerce and CRM.

Established as Telco experts in online solutions domain.

Operating Markets:

Europe, Middle East, North America and Africa.

Stand Number:

UK Pavilion - 7A15.7

Empello Ltd



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Company Bio:

Empello is the leading provider of cybersecurity solutions for carrier mobile payments and value added services globally. We use an extensive range of cybersecurity techniques to prevent fraud on DCB payment pages protecting consumers, as well as the brand reputations of both carriers and content providers. Empello helps to create a fair, secure and healthy ecosystem for carrier payments to facilitate both the growth of the industry as well as the safer adoption of more frictionless customer journeys.

Specialisms:

Our machine learning algorithm uses extensive research by our team of compliance analysts. We perform more than 50,000 tests monthly to populate the AI, which performs more than 15 million scans a month, making our algorithm better than our competitors.

Operating Markets:

We operate in 30 countries across 4 continents, including LATAM, Middle East, Europe and Africa.

Stand Number:

7G79MR

Exhibitor Profiles

ENEA

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🐦 @eneaab



Company Bio:

Enea provides telecommunications software for the world's largest operators and organizations. Its portfolio includes traffic management to deliver outstanding subscriber experience, 5G Core solutions for effective management of subscriber data and carrier Wi-Fi for robust IoT connectivity control: www.enea.com; Enea has offices globally with a major research and development team based in the UK (Belfast).

Specialisms:

Enea provides telecommunications and cybersecurity software for some of the world's largest operators and organizations. The company's cloud-native solutions are used to connect, optimize and secure services for mobile subscribers, enterprise customers, and the Internet of Things.

Operating Markets:

Enea provides and deploys telecommunications (4G, 5G), cybersecurity and Wi-Fi solution software globally to mobile operators, partner organizations and enterprises.

Stand Number:

2E51MR

Eseye

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Company Bio:

Eseye empowers businesses to embrace IoT without limits. We help them to visualise the impossible and bring those solutions to life through innovative IoT cellular connectivity solutions that enable our customers to drive up business value, deploy differentiated experiences, and disrupt their markets. Our pioneering technology allows businesses to overcome the complexity of IoT deployment and develop, deploy, and manage IoT projects without the fear of getting it wrong.

Specialisms:

At Eseye we empower businesses to embrace IoT without limits.

From initial concept through to IoT device design, IoT cellular connectivity, hardware, technical consultancy, and round-the-clock support, we promise to be with you every step of your IoT journey.

Stand Number:

7B41

Highly skilled talent

With truly international universities and industries, the UK attracts the finest talent from across the world.

This powerful mix of cultures and capabilities contribute to the analytical expertise, innovation, and original thinking that have become hallmarks of our technology industry. Starting young, computer coding is now part of the UK curriculum, being taught to children from the age of five.

The UK has 7 out of 10 best universities in Europe with The University of Oxford also ranked as number one in the world

- | | |
|------------------------------|---|
| 1. University of Oxford | 6. London School of Economics and Political Science |
| 2. University of Cambridge | 7. University of Edinburgh |
| 3. Imperial College London | 8. LMU Munich |
| 4. ETH Zurich | 9. King's College London |
| 5. University College London | 10. Technical University of Munich |

Oxford University

The UK has 170 universities and higher education institutes and the most graduates annually in Western Europe.

Exhibitor Profiles

Focus Data Services Ltd

**Contact:**

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SN77YR

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🌐 www.focus112.com

Company Bio:

Focus Data Services Ltd is a UK company that specialises in compliance systems for communication providers dealing with requests from Police and Law Courts for customer information. The dedicated team brings twenty years of experience delivering solutions to meet the requirements of judicial, police and other security agencies. The team has experience within telephone operators and also of investigation and intelligence including providing expert evidence in court cases. Customers include telephone companies and governments in the UK, North America and the Caribbean, where Focus have successfully deployed bespoke solutions to meet the specific needs of the end customer.

Specialisms:

Focus112 systems manage requests from Police and Law Courts for customer information and ensure compliance to legal obligations. The dedicated team brings twenty years of experience protecting Network Operators while meeting the requirements of judicial, police and other security agencies.

Operating Markets:

Focus currently operates in the United Kingdom, North America and the Caribbean.

Stand Number:

UK Pavilion - 7A15.2

GSA

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🌐 www.linkedin.com/company/global-mobile-suppliers-association-gsa

Company Bio:

GSA is the industry organisation representing companies across the worldwide mobile ecosystem.

The website gsacom.com is used by industry professionals and organizations from over 200 countries globally as a single source of information on 4G & 5G where users have downloaded over 500,000 reports, charts over the past 6 years. The GAMBoD Database is a unique search and analysis tool developed to provide the industry with up to date information on the growth and expansion of the mobile broadband ecosystem of devices, spectrum and networks.

Specialisms:

Global mobile 4G-5G industry research, free and member reports, industry technology education, consultations, advocacy.

Operating Markets:

Global outreach to over 200 countries on all continents since 1998.

Stand Number:

7B41

Exhibitor Profiles

ISIX Communications LLP



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🌐 www.i6c.co.uk

Company Bio:

ISIX offers enterprise solution is designed to make corporate mobile connectivity simple for all mobile business requirements. With our EU partners we deliver reliable communication solution that enable your cross-border mobility in the most efficient and secure way.

You'll be able to establish various mobile connection profiles for your teams on a single platform and have full control over data consumption through an intuitive interface.

Specialisms:

Key features include:

- Flexible data plan configuration
- Simple workgroups management
- Smart control over traffic consumption
- Automatic monthly renewable plan
- Detailed reporting system
- eSIM installation and connection
- Dedicated mobile number assignment
- Secured individual routing and traffic filtering

Operating Markets:

For both home-working employees and business travellers, having a centralised and highly customisable corporate connection infrastructure can greatly increase work efficiency and communication security.

Stand Number:

UK Pavilion - 7A15.9

JAYBEAM WIRELESS SAS



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🌐 www.amphenol-antennas.com
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Company Bio:

Amphenol Antenna Solutions is a premium ANTENNA solution provider dedicated to the single objective of designing and manufacturing high performance antennas. We are a customer-centric antenna company partnering with customers to develop innovative and tailored solutions, securing optimal coverage and capacity under all circumstances. We are independent from any RAN vendor, but work with them all including vRAN vendors to create customized antenna solutions. This gives us a unique position in the preparation for ORAN future. With manufacturing and R&D team in Europe, Asia and America we offer local support to our customers.

Specialisms:

Amphenol Antenna Solutions specializes in BTS and Small Cell Antennas for macro, iDAS and oDAS systems and also offers transmission line products and RF peripherals.

Operating Markets:

Markets: Europe, Africa, Middle-East, APAC, Americas. AAS operates from six strategically located factories in the USA, Mexico, France, UK, India and Macedonia with a capacity of 400,000 antennas per year and the option to expand as needed.

Stand Number:

7B51

A culture of Innovation

The UK is at the forefront of a revolution. The UK's culture of innovation translates into world leading capabilities across a multitude of technology sub-sectors, from AI and IoT to Communications, Electronics and FinTech.

UK deep tech investment rose by 17% in 2020, the highest rate of growth globally.

It's an industry that's creating thousands of new and highly skilled roles, and simultaneously transforming the workplaces, capabilities and practices of more traditional sectors.

This culture of innovation and entrepreneurial ambition continues to propel the sector to exciting new heights. The UK is experiencing six years of continuous growth (and no signs of stopping) and new tech jobs being created 2.6 times faster than the rest of the economy. Wherever you look, it's evident the UK tech sector is really coming of age.



The UK is third in the world for impact tech investment. Investment has more than doubled since 2018 with an increase of

160%



UK was 5th greatest digital tech services exporter in the world in 2019

£23.3bn



UK digital tech services exports have risen by 25% from 2015-2019

25%



UK tech employs 2.93m people
40% growth in two years

2.94m

Exhibitor Profiles

Kaiku


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Company Bio:

Kaiku is a smart matchmaking platform for over 300+ venture capital funds worldwide. We use data driven approaches and artificial intelligence to improve the quality of dealflow for venture funds in 50+ countries. Primarily supporting corporate venture capital funds, family offices, emerging VC funds and scale-ups in their scouting and acquisition activities.

Since inception, we have matched over \$100m in deals between investors and start-ups and supported over 200 start-ups. Beyond that, Kaiku also provides a range of scale-up services for support into the UK/Wider EU market including strategy support, research activities and wider support built around our central software.

Specialisms:

AI/FinTech/VC platforms

Operating Markets:

50+ countries, main markets: UK, Western Europe, LATAM, South Korea.

Stand Number:

7B41

Kokoon Technology Ltd


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🌐 www.kokoon.io
in www.linkedin.com/company/kokoon-technology/mycompany

Company Bio:

Kokoon was founded after Tim, our co-founder and CEO, found himself struggling to sleep. He found his answer – audio - in a sleep clinic and Kokoon was founded with the mission to bring the science and technology from the sleep clinic direct to consumers.

Kokoon has been developed working with the team at Europe's largest sleep clinic; Guy's and St Thomas' Hospital.

Specialisms:

We're on a mission to help the world relax and sleep easier. We manufacture unique Sleep Solution and wellness devices.

Operating Markets:

Europe and North America

Stand Number:

6C31.8 (4YFN)

Exhibitor Profiles

KORE

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Company Bio:

KORE, the global leader in IoT, helps simplify the complexity of IoT. Our comprehensive, full-suite solutions allow organizations to deploy, manage, and scale IoT for the greatest business outcomes. The KORE portfolio of services leverages carrier-agnostic connectivity, cutting-edge hardware and devices, and professional services to support use cases in many industry sectors, including logistics, assets, fleet, healthcare, industrial, and communication services. KORE is a trusted, expert IoT partner and advisor, with a unified platform for IoT and operations management, strategy, security, technology evaluation, analysis and optimization, and logistics. With global reach and streamlined operations, KORE makes IoT adoption a reality.

Specialisms:

Leveraging nearly two decades of IoT knowledge and experience, KORE simplifies the complexity of IoT with complete, global IoT management capabilities - enabling your IoT vision with seamless execution and a constant focus on maximising IoT ROI.

Operating Markets:

Globally.

Stand Number:

2C20MR and 2C22MR

Masters of Pie

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Company Bio:

Masters of Pie is a London-based scale-up software company delivering immersive collaboration solutions targeting the defence, manufacturing, and engineering industry sectors. Our modular software framework, called Radical, integrates directly into existing platforms to enable seamless and secure sharing in real-time of complex 2D/3D data across AR/VR, Desktop & Mobile devices.

Specialisms:

The Masters of Pie software development framework, called Radical, integrates with existing enterprise software applications allowing seamless and secure sharing of complex 2D and 3D data across AR/VR, Desktop and Mobile devices.

Operating Markets:

Radical is being licensed by enterprises across a variety of industry sectors including Automotive, Aerospace, Manufacturing, and Defence.

Stand Number:

UK Pavilion - 7A15.4

Exhibitor Profiles

MiVote Technology


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 in MiVote and MiVote Technology

Company Bio:

MiVote Technology is the world's first to create metaverse platform for global communities to govern, lead, make decisions, self express, shared ownership, shared interest and incentivise.

In addition, MiVote Technology has designed metaverse platform by interoperating model of decentralise autonomous organisations (DAO), decentralise financial (DeFi) marketplace, and decentralise digital democracy platform.

Specialisms:

Connecting real-life with virtual world via e-voting, secured digital identity, digital assets and NFT offering, virtual reality gaming, conference room, broadcasting tools, fundraising platform, social media and data sharing.

Operating Markets:

GovTech, Reg Tech, Sports and Entertainment, EdTech, Civic Tech and Metaverse.

Stand Number:

6C31.5 (4YFN)

Mobile Mark Europe Ltd


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Company Bio:

Mobile Mark designs & manufactures antennas for 137MHz – 10GHz. Applications include: GPS (ITS, Tracking, Fleet Management), Cellular (GSM, 3G/4G/5G, HSPA, LTE), M2M (IoT, M2M), Smart Grid & Smart Metering, Wireless Video/Surveillance, Remote Monitoring, ITS/Smart Highways, Transit, WiFi, RFID, Orbcomm, Public Safety & Military. Products include site, mobile, device and embedded antennas.

Mobile Mark continues to introduce new antennas for markets across the wireless spectrum including: compact Site Antennas for efficient base station/network development, rugged Broadband Antennas for Cellular M2M, custom Embedded Antennas for Smart Meters, and GPS Multiband Antennas for Fleet Management.

Specialisms:

We offer a large range of site, mobile and device antennas. Many of which can be customized to individual requirements.

Operating Markets:

Europe, Africa

Stand Number:

7B19

Exhibitor Profiles

Mobilise

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Company Bio:

Mobilise is a leading provider of SaaS solutions to the telecommunications industry. Focused on delivering highly engaging digital-first service propositions with excellent customer experience, Mobilise has a proven track record, deep industry knowledge and a team of specialists to support clients to building and executing transformational strategies.

Clients range from large corporate organisations with over 100,000 employees to small enterprises with under 20 employees. Mobilise has a deep knowledge of the telecoms business model and our experience includes working with over 40 service providers across eight markets for brands including Virgin, Dixon's Carphone, Red Bull Mobile, Manx Telecom and Freenet.

Specialisms:

Through our carefully designed software solutions, we enable our clients to create highly engaging customer experiences, digitalise their operations and accelerate business growth.

Operating Markets:

Worldwide

Stand Number:

UK Pavilion - 7A15.11

MysteryVibe

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🐦 @mysteryvibe

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Company Bio:

MysteryVibe is an award-winning world leader in medical devices for sexual health. We create FDA-II devices that adapt to the user's body & deliver targeted vibrations to address big topics like genito-pelvic pain, period pain, arousal disorder & erectile dysfunction - without any medicines, without any side effects. Our devices have changed the lives of over 50k users in 65 countries.

Specialisms:

Award-winning, Doctor-designed Medical Devices in Sexual Health.

Operating Markets:

US, UK, Europe

Stand Number:

7B41

Exhibitor Profiles

Navenio


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 in www.linkedin.com/company/navenio-ltd

Company Bio:

Navenio's indoor location technology can be used as a powerful tool in any business that wants to utilise and benefit from indoor location data for different users and applications. In healthcare settings, Navenio's core location technology works where GPS does not and has been described as the 'Uber for staff in healthcare'. Navenio's ground-breaking indoor location technology is highly accurate to within just a few metres and by being infrastructure-free it removes all barriers to easily enable scalability.

Specialisms:

In healthcare - no other workforce efficiency tool has indoor location at its core, and therefore cannot provide real-time, real-world services that truly respond to the ever-changing demands of the thousands of staff working in each hospital everyday.

Operating Markets:

UK and US

Stand Number:

7B41

Net AI Tech Ltd


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EH3 8HA

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 🐦 @NetAiTech
 in www.linkedin.com/company/net-ai-tech

Company Bio:

Net AI is a network intelligence company revolutionising cloud-based virtual network management, to help Telecom companies generate significantly higher profit margins by reducing their CAPEX/OPEX/TCO. Our key differentiator is a combination of a patent-pending analytics framework and an AI-based prediction engine, which facilitates insights into network usage on a real-time basis, fuelling the automation of network and compute resource management.

Specialisms:

Net AI is revolutionizing the management of cloud-based virtualised mobile networks via AI-driven real time traffic analytics.

Stand Number:

6C31.9 (4YFN)

Exhibitor Profiles

Numerous Networks


Contact:

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 🌐 www.numerousnetworks.co.uk
 🐦 @nOversightApp
 in www.linkedin.com/company/28872967

Company Bio:

Enhancing the user experience of mobile connectivity.

Numerous Networks has developed nOversight, the unique ability to monitor iPhone and iPad connectivity in mobile and Wi-Fi networks. Apple devices are analysed in real-time, allowing the user experience to be monitored and understood while you plan, validate and review your network experience.

As a trusted provider to the Wi-Fi pros community, nOversight provides the ability for network planners to ensure their service performs correctly from the perspective of the device.

Download nOversight and trial it here: www.numerousnetworks.co.uk/noversight/

Specialisms:

Real-time monitoring of iPhone user experience in mobile and Wi-Fi networks.

Operating Markets:

Global Wi-Fi markets including telcos with Wi-Fi requirements.

Stand Number:

7B41

Oxford Immune Algorithmics


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 🌐 iwww.immunealgorithmics.com
 🐦 @algocyte
 in www.linkedin.com/company/14800780/admin

Company Bio:

Oxford Immune Algorithmics (OIA) specialises in rapid at-home testing for immune health monitoring. It uses the best of human and computational intelligence to deliver precise and individualised healthcare.

Algocyte®, its flagship product, is a cloud based predictive technology platform that provides a medically-driven solution. Algocyte® is also a medical assistant that enables doctors and patients to be more efficient at monitoring users' health. The cloud-based dashboard and medical device assists practitioners in the analysis of many diseases and conditions, reducing the costs of testing, and can be used from the comfort of patients' homes.

Specialisms:

Our team includes AI experts, medical leaders, IoT pioneers, and engineering working at the forefront of science and technology. We tackle challenges, such as cancer, antibiotic resistance, and diseases, using a technological and commercially viable perspective within multidisciplinary approaches.

Operating Markets:

U.K., India, UAE, GCC, Canada, France.

Stand Number:

6C31.3 (4YFN)

Exhibitor Profiles

Pelatro Plc

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in www.linkedin.com/company/5306841/admin

Company Bio:

Pelatro's mViva Customer Engagement hub is designed to help organizations plan and execute highly personalized cross-channel campaigns and manage customer journeys seamlessly from one platform. The solution helps with improved consumer engagements, better ROI, and seamless data monetization for subscribers, retailers, and enterprise customers.

The company's key strengths include deep domain expertise to assist telcos with data analysis and campaign design through big data capabilities enabled by AI and ML techniques and managed services.

Pelatro is serving leading telecom operators across 17 different countries and processing the data for more than 1 billion subscribers.

Specialisms:

Pelatro humanize digital customer journeys to create impactful campaigns and derive greater ROI. Our solutions focus on real-time triggers to deepen engagement with consumers, create and run contextual campaigns, and loyalty management systems.

Stand Number:

5113MR

Planet Computers Ltd

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🐦 @planetcom2017

Company Bio:

Planet Computers is the mobile handset manufacturer behind the award-winning Gemini PDA, Cosmo Communicator and the new Astro Slide. The Astro Slide is showing for the first time at MWC. Astro Slide is the first 5G smartphone with a full physical backlit keyboard. With its new patented RockUp™ slider hinge, Astro Slide can transform from a 5G smartphone into a powerful palmtop computer thanks to its physical backlit keyboard – available in 24 different keyboard layouts, including English, QWERTZ, Japanese Kana/QWERTY, Arabic and other keyboard variants. Please visit www.planetcom.co.uk for more information.

Specialisms:

Based in London, Planet Computers is the mobile handset manufacturer behind the award-winning Gemini PDA, Cosmo Communicator and the new Astro Slide.

Operating Markets:

Japan, USA, UK and Germany are our key markets.

Stand Number:

UK Pavilion - 7A15.6

Exhibitor Profiles

pureLiFi

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**Company Bio:**

pureLiFi is the global leader in LiFi technology. We are bringing to market the world's first commercial light antennas—the optoelectronic components which make LiFi possible—for all kinds of devices, from industrial to consumer, and from smart cars to smartphones.

The 2022 theme for MWC is Connectivity Unleashed and to truly unleash connectivity we need to look beyond radio frequencies. This year pureLiFi is ready to show you the next generation of light-based LiFi connectivity that will revolutionise the way we connect in our homes, our offices, and public spaces. Experience the future of wireless for yourself: Booth 7A11

Specialisms:

pureLiFi is the global leader in LiFi technology. We are bringing to market the world's first commercial light antennas—the optoelectronic components which make LiFi possible—for all kinds of devices, from smart cars to smartphones.

Operating Markets:

We operate globally providing LiFi components to OEMs and LiFi systems for customers who need to augment, enhance, or transform their wireless networks with the latest in wireless communications technology.

Stand Number:

7A11

Queen's University Belfast (Centre for Wireless Innovation)

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Company Bio:

The Centre for Wireless Innovation (CWI) at Queen's University Belfast is the UK's largest research, development and exploitation base in Physical Layer wireless, ranked in the Top 75 globally according to the ShanghaiRanking's Global Ranking of Academic Subjects in Telecommunication Engineering.

Our team of researchers (academics and engineers) develop innovative wireless technologies for mm-Wave and THz communications, massive MIMO (incl. cell-free), EM Sensing & Imaging, Space and Satellite Comms, Wearable & Implantable devices, Connected & Autonomous Vehicles, Physical Layer Security, Antenna Systems and Connected Intelligence.

Specialisms:

Information Theory & EM Theory, Physical Layer wireless technologies (URLLC, mMTC, eMBB),

Design of advanced antennas for mm-Wave 5G and THz 6G,

Development of novel antenna technologies for Satcomms (on-board sat, sat-to-ground, sat-to-sat connectivity),

Wireless Power Transfer and Energy Scavenging.

Operating Markets:

We collaborate with major players in the Telecom sector worldwide.

Stand Number:

7A9

Tech hubs

While the UK technology industry has a global outlook, it's also true many tech companies are thriving due to the strength and advantages of their own local clusters.

These create different kinds of partnership, but ones where idea sharing, concentration of skills and research, and minimal travel time are helping these dynamic 'ground-up' enterprises to thrive and grow.

From seaside towns to major industrial cities, areas of tech excellence have developed all across the UK, often down to local factors such as the presence of an academic institution or historical strengths in particular economy sectors.

Media City in Salford Quays, Manchester, England



London raised more VC investment than Paris, Stockholm, Berlin and Tel Aviv combined in 2020, dominated by fintech.



The UK remains the premier destination in Europe for investment. On a cumulative basis over the past five years, the total amount of capital invested in UK tech companies has nearly reached \$75B.

This is more than double the amount of capital invested in the second and third largest countries; Germany and France.

1 Billion

The UK is the first country in Europe and the third globally to have reached the milestone of 100 tech unicorns, with 29 unicorns being created in 2021 alone. The number of UK tech unicorns now stands at 115, which is more than Germany, France and Sweden combined.

Exhibitor Profiles

Radio Net Media Ltd

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🌐 www.adtonos.com

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Company Bio:

AdTonos is an audio-centric ad-tech and one of the fastest-growing companies in the industry offering unparalleled solutions for advertisers and for publishers, successfully monetizing gaming, podcasts, audiobooks, music and radio streams across the UK, EU, LATAM and US.

The AdTonos platform reaches an audience of 272 million unique audio listeners worldwide and has the potential of at least 3 billion ad payouts monthly. The company is supported by the UK's DIT, helping AdTonos to scale globally and is a member of IAB UK, IAB Europe and the European Association of Commercial Radios representing commercial radio at the European Parliament.

Specialisms:

An independent single point audio ad marketplace for:

Mobile apps monetization with in-game and intermission audio ads.

Interactive audio ads you can talk to!

Contextual podcast advertising leveraging brand safety!

Ads replacement for live radio, music streaming, 400 targeting options.

Operating Markets:

AdTonos currently operates in the UK, EU, LATAM and the US.

Stand Number:

6C31.6 (4YFN)

Ranplan Wireless


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🌐 www.linkedin.com/company/ranplan-wireless-network-design-ltd

Company Bio:

Ranplan Wireless are pioneers in software solutions that help perfect the design, optimisation and automation of in-building and urban outdoor wireless networks, either in isolation or coordination. Our solutions enable an ecosystem of companies to plan and deploy next generation wireless networks for a range of applications, supporting multiple technologies such as 4G LTE, 5G, Wi-Fi, IoT, TETRA and P25.

Ranplan software increases design productivity by 50% and reduces CAPEX and OPEX by 30%, which supports the cost-effective and fast delivery of advanced wireless networks that provide end-users with an unmatched quality of experience.

For more information, visit
www.ranplanwireless.com

Specialisms:

Ranplan software increases design productivity by 50% and reduces CAPEX and OPEX by 30%, which supports the cost-effective and fast delivery of advanced wireless networks that provide end-users with an unmatched quality of experience.

Operating Markets:

The Ranplan software solutions are available to the global market with 24hr, 5 days a week support from our representatives in Europe, USA and APAC. Our registered offices are located in Stockholm, UK, USA and China.

Stand Number:

7B15

Exhibitor Profiles

Shiftcam EMEA


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🌐 www.shiftcam.com

Company Bio:

The ShiftCam was founded in early 2017, we worked on making the most seamless transition from your smartphone to a professional camera and made it accessible to everyone. You don't need to be a professional photographer to capture creative and precious memories. We ensure that nothing gets in the way. Mobile photography and Videography has grown into a major trend in storytelling.

Specialisms:

We strive to create top-notch mobile photography gear that instantly transforms our users mobile devices into professional cameras.

Operating Markets:

Europe, Asia, Australia, US and Canada.

Stand Number:

6C31.10 (4YFN)

SLA Digital


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🌐 www.linkedin.com/company/sla-mobile/mycompany/?viewAsMember=true

Company Bio:

For new mobile revenue streams, SLA Digital joins the dots. For over 15 years, we have worked with many of the world's major mobile operators, to power mobile revenues through carrier billing and mobile identity.

We act as your hub. Our platform bridges the gap between mobile operators and trusted partners. We have a deep understanding of the challenges and opportunities of the rapidly changing mobile industry, and continue to evolve our solutions to give you competitive advantage. Our team of experts, headquartered in the UK and Malaysia, work closely with clients worldwide to maximise revenues and minimise risk.

Specialisms:

With the partnerships and technology to connect mobile operators, merchants, and mobile identity providers, we make it all simple, seamless, and secure with our carrier billing and mobile identity solutions.

Operating Markets:

Europe, Middle East and Asia.

Stand Number:

7B41

Exhibitor Profiles

Smart Audio Technologies


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🌐 www.smartaudiotechnologies.com

in [linkedin.com/in/sandeepkumarchintala](https://www.linkedin.com/in/sandeepkumarchintala)

Company Bio:

Smart Audio Technologies is an Audio AI technology start-up that is aiming at eliminating background noise from voice communication across any device, thus enabling Clear Voice Without The Noise™. Our patent granted technology requires no live training and eliminates ambient noise in real time thus delivering truly crisp and clear communication. We've developed the world's best self-adaptive noise elimination technology called SmartMute®, resulting in unprecedented clarity compared to noise reduction technologies. The technology requires minimal processing overheads and so can be incorporated into numerous different devices. Manually muting and unmuting during calls will be a thing of the past.

Specialisms:

We've launched our flagship Enterprise Headset at CES 2022, which is the perfect companion to the busy "working from anywhere" users, service industry professional who will never have to worry about ambient noise or placing their call on mute again.

Stand Number:

6C31.4 (4YFN)

Speechmatics


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✉ hello@speechmatics.com

🌐 www.speechmatics.com

🐦 [@Speechmatics](https://twitter.com/Speechmatics)

in www.linkedin.com/company/speechmatics

Company Bio:

Speechmatics are global experts in deep learning and speech recognition, providing Autonomous Speech Recognition technology that understands every voice. Offering its speech recognition for solution and service providers to integrate into their stack regardless of their industry or use case. Businesses use Speechmatics around the world to accurately understand and transcribe human-level speech into text regardless of demographic, age, gender, accent, dialect or location.

Specialisms:

To unlock human potential through natural interaction with intelligent machines.

Stand Number:

7C18

Exhibitor Profiles

Starfish Technologies Ltd


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 🐦 @StarfishTech

Company Bio:

Advertising insertion and regional TV systems for traditional broadcast and OTT platforms.

Transport Stream Splicer - multiple channels running on generic IT hardware and offering GOP boundary or frame accurate splicing with minimal propagation delay and integrated SCTE decoder. Options include an integrated Ad server and logo insertion. Supports 4K media.

Transport Stream Switching - clean switching for a range of applications.
 Transport Stream Processing - including logo insertion, programmable delays and audio track manipulation.

Specialisms:

Our transport stream processing technology incorporates our own patented technology to ensure technically clean processing and minimal propagation delay.

Operating Markets:

Primarily EAME and USA. We provide solutions to telecom networks and media broadcasters.

Stand Number:

7A9

StepTribe Ltd


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 🐦 @steotribeapp
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Company Bio:

StepTribe brings people together to use the power of steps to complete virtual walking challenges.

Join a Tribe. Create a challenge. Get active. See your progress. Celebrate your Tribes achievement. Raise money for your favourite charity.

Using virtual walking challenges that you can complete with friends and family no matter where they are in the world, StepTribe is helping to create a more active society.

Specialisms:

StepTribe is helping to create an active society through online walking challenges. Using the power of collaboration in completing a walking challenge and to help raise money for great community causes.

Stand Number:

6C31.2 (4YFN)

Exhibitor Profiles

The Society of Motor Manufacturers and Traders



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🌐 www.smmt.co.uk

🐦 @SMMT

Company Bio:

The Society of Motor Manufacturers and Traders (SMMT) is one of the largest and most influential trade associations in the UK. Its resources, reputation and unrivalled automotive data place it at the heart of the UK automotive industry.

SMMT is the voice of the UK motor industry, supporting and promoting its members' interests, at home and abroad, to government, stakeholders and the media.

SMMT represents more than 800 automotive companies in the UK, providing them with a forum to voice their views on issues affecting the sector, helping to guide strategies and build positive relationships with government and regulatory authorities.

Specialisms:

SMMT is the voice of the UK motor industry, supporting and promoting its members' interests, at home and abroad.

Stand Number:

7B41

TMT Analysis Ltd



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Company Bio:

TMT Analysis is a leading provider of intelligence and information on mobile numbers and mobile devices globally. Our services allow customers to match those all-important real-world attributes to a supplied mobile phone number and a device.

Using authoritative Mobile Network Operator data we match a mobile number and a device to key personal information such as Name, Address and Date of Birth, reducing fraud and friction at onboarding as well as ongoing identity management.

Specialisms:

With live feeds from network operators globally, our global numbering and device data powers leading identity providers, business messaging companies and financial services organisations around the world.

Operating Markets:

Globally.

Stand Number:

UK Pavilion - 7A15.12

Exhibitor Profiles

Transalis

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Company Bio:

Transalis are a market leader in the provision of frictionless business solutions that help businesses trade with each other at a global level.

From multi-national corporations, to small & medium size enterprises, we have digitally transformed business processes for some big names across numerous industry sectors, including; retail, food & beverage, health & beauty, logistics, household goods, and manufacturing to name a few!

Specialisms:

EDI and eInvoice SaaS provider supporting the supply chain.

Operating Markets:

Global.

Stand Number:

7B41

Truphone

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🌐 www.truphone.com

in www.linkedin.com/company/truphone

Company Bio:

Truphone is a technology company operating in the telecoms space. Our mission is to enable people, devices and networks to connect globally. Our secure, flexible, and independent service enables Truphone's customers to harness the potential of emerging technologies. Now the fastest growing and the second largest eSIM provider in the world, Truphone has been instrumental in the boom in eSIM technology – provisioning tens of millions of eSIMs since launch.

Headquartered in London, we have 16 offices across four continents and continue to expand globally. To learn more, visit truphone.com.

Specialisms:

Truphone offers the most complete, end-to-end eSIM management solutions in the world. We're committed to the democratisation of digital connectivity and to empowering the aspiring trailblazers in Telecoms, Enterprises and IoT to unlock the full potential of eSIM.

Operating Markets:

Truphone provides 1 single, truly global, coherent network across 210 countries.

Stand Number:

5A32

Exhibitor Profiles

TTP plc

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🌐 www.ttp.com

🐦 @ttp_plc

🌐 www.linkedin.com/company/the-technology-partnership

Company Bio:

TTP combines science, engineering and design to meet the big challenges in global communications, autonomous systems and sustainability.

Our clients operate in sectors as diverse as 5G communications, mobility and logistics, advanced manufacturing and space engineering, and energy systems.

But all rely on our passionate team of systems, RF, electronics and software engineers, mathematicians, AI & ML practitioners, physicists, materials scientists, and mechanical engineers.

Together, we deliver product, process and service innovations for smart transport, smart infrastructure and smart production.

Specialisms:

For manufacturers: modem, antenna and terminal designs for terrestrial and satellite systems, from system analysis, through detailed algorithm, component and circuit development, to complete product design and verification.

For operators: system and service feasibility studies, service definition and technology trials.

Operating Markets:

Europe, North America, Middle East, United Kingdom.

Stand Number:

7C23

UM Autonomous Systems

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🐦 @unmanned_life

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Company Bio:

Unmanned Life is a multi-award-winning British SME founded in 2015. It has created the leading autonomy-as-a-service orchestration platform, leveraging AI, 5G, and edge computing with both drones and mobile robots to enable autonomous operations across industry 4.0 and smart city sectors. Unmanned Life's modular software solution is interoperable across hardware vendors and networks, scalable, and flexible in deployments, with existing projects in autonomous hybrid manufacturing, emergency response, inspections, and more.

Specialisms:

Unmanned Life's unique value proposition lies in our ability to orchestrate and control different type of robots and drones under one platform using our proprietary software, enabling us to serve multiple verticals with the same platform.

Operating Markets:

Europe - Deployments in UK, Spain, Austria, Germany - Connections with most of the West.

Stand Number:

GSMA Foundry Stand - Booth 302 - Industry City - Hall 4

Exhibitor Profiles

Waracle


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Company Bio:

We want to make people's lives better with mobile and emerging technologies. Our expert teams collaborate with our strategic partners to deliver digital solutions with meaningful real-world impact in the two biggest areas of people's lives... their health and their wealth.

Our expert teams collaborate with our clients to deliver mobile solutions with their teams. Other agencies like to talk about their mobile credentials, but we embed ourselves to give your organisation the upper hand.

Specialisms:

We connect the best people with the most innovative companies in Financial Services & Digital Health with expertise in Design Research, User Experience, Mobile Development, Scrum, Product Management, DevOps, Cyber Security, Voice and more.

Operating Markets:

UK & Europe

Stand Number:

7B41

what3words


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Company Bio:

what3words is an easy way to identify precise locations. Every 3 metre square has been given a unique combination of three random words: a what3words address. Now you can find, share and navigate to precise locations using three simple words. Millions of people around the world use what3words to make life safer, more efficient and less frustrating. Thousands of businesses use what3words to improve efficiencies and customer experience- from e-commerce and logistics companies to travel, ride-hailing and navigation apps.

Specialisms:

Addressing System Application.

Operating Markets:

We operate worldwide, however our focus markets at the moment are UK, US, Germany, Korea, Japan, India & the Gulf region.

Stand Number:

6C76 (4YFN)

Exhibitor Profiles

White Label Loyalty


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Company Bio:

White Label Loyalty is an innovative loyalty platform that helps businesses increase revenue and retention by predicting and influencing customer purchase behaviour. Our event-based engine makes any customer behaviour rewardable, creating a 360 view of a customer.

White Label Loyalty operates on an API-first and modular basis, meaning the platform can serve as an end-to-end loyalty solution or a loyalty engine within your wider marketing stack.

We have served some of the best brands across the world, both in B2C and B2B, including Burger King & PepsiCo. We can help you empower your 1st party data and loyalty strategies.

Specialisms:

We have a unique approach to customer loyalty which uses the power of artificial intelligence and machine learning to predict customer behaviour and pro-actively engage with customers. Furthermore, our event-based engine makes any customer behaviour rewardable.

Operating Markets:

We can serve enterprise clients around the globe. Our current clients mainly operate within the EMEA and North America regions, including the UK, USA, UAE, Switzerland, the Netherlands, and Ireland.

Stand Number:

6C31.1 (4YFN)

Wireless Excellence Ltd


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🌐 www.linkedin.com/company/1181747/admin

Company Bio:

CableFree: Wireless Excellence designs and manufactures a complete range of Wireless Communication products including 4G & 5G Infrastructure solutions. The CableFree range includes advanced Software-Defined 4G & 5G LTE Macro & Small Cell Base Stations for ultra high performance & flexibility. CableFree also offer Microwave, Millimeter Wave, Free Space Optics and MIMO Radio backhaul plus WiFi solutions. Based in Oxford, UK, CableFree is deployed in over 80 countries since 1996 with customers including Mobile Operators, Internet Service Providers, Government Networks, Industrial and Corporate connectivity applications. CableFree can deliver 99.999% availability with proven track record for high reliability in harsh environments.

Specialisms:

UK-based CableFree is deployed in over 80 countries for Telecommunications, CCTV Security, Campus Connectivity, Corporate, Finance, Education, Healthcare, Industrial, Defence and Broadcast. CableFree offers reliable, fast and cost-effective solutions using 4G, 5G, LTE, Microwave, MMW, Radio, FSO and WiFi technologies.

Operating Markets:

UK-based CableFree is deployed in over 80 countries for Telecommunications, CCTV Security, Campus Connectivity, Corporate, Finance, Education, Healthcare, Industrial, Defence and Broadcast. CableFree offers reliable, fast and cost-effective solutions us.

Stand Number:

7B41

Exhibitor Profiles

Zeetta Networks

Contact:

Engine Shed, Station Approach, Temple Meads
Bristol
United Kingdom
BS1 6QH

✉ ihab.mahna@Zeetta.com

🌐 www.Zeetta.com



Company Bio:

Zeetta Networks Ltd is a software company delivering a technology agnostic, self-management interface that simplifies connectivity and cloud managed services offered by mobile private networks. Zeetta has a portfolio of patents and IPR in network abstraction and orchestration.

Specialisms:

Zeetta's team are highly skilled in; 5G MPN and IT orchestration, developing Java and Python based software in a cloud native, microservices, architecture.

Operating Markets:

Global.

Stand Number:

7B21

Great Technology is for everyone

Raspberry Pi computers, designed in Cambridge and built in Wales, were created to allow access to technology for all. Adopted by businesses, schools and inventors, just one example of how UK innovation is supporting minds across the world.

To see things differently, choose the UK.
Find out more at great.gov.uk/tech



Global Entrepreneur Programme

Global Entrepreneur Programme (GEP) is the UK government's flagship programme that empowers internationally mobile entrepreneurs and enables them to internationalise from a UK global HQ.

Once entrepreneurs have relocated to the UK, we continue to provide support through our Alumni Aftercare Academy to offer upskilling, events, training and facilitating connections into the wider ecosystem.

- The GEP utilises the networks and insight of a team of successful entrepreneurs known as 'dealmakers'
- The dealmakers leverage their expertise and networks to support entrepreneurial talent with the potential for rapid growth.
- Dealmakers are entrepreneurs and business people in their own right, who have extensive experience founding, building and exiting technology companies

<https://eu.eventscloud.com/website/6305>

Over 1 Billion

Equity investment
raised by GEP companies

100,000

High value jobs created
by GEP companies

1000

Entrepreneurs supported
by Global Entrepreneur
Programme since 2004

350

Companies set up their global
HQs in the UK in the last 4 years

Solve your healthcare challenges: Find UK Innovators with digital health solutions

The UK is uniquely placed to realise the potential of data and digital in healthcare, including access to at scale data in the NHS, real world evidence and novel applications, supported by an ambitious culture and continuously improving system for innovation, and all underpinned by world leading talent.

The picture of talent and innovation in the UK is a fast evolving one with new pioneers emerging daily. We hope through 'The Beyond 100 Playbook', we will reach out to those who are not just leaders in their field but are willing to find new frontiers to make an impact.

We have UK Innovators who are ready to go global and connect with the ever expanding worldwide opportunity. Healthcare UK, part of the Department for International Trade, has invested significant effort, alongside partners, to identify, engage with and showcase some of the UK's leading talent.

Digital Health is rightly seen as the answer to many of the challenges facing global healthcare. The role of digital technology in realising the dream of accessible, affordable and sustainable care has grown across the entire range of health economies in not only serving current needs, but in building the basis for the healthcare of the future: personalised, digital by default and truly patient centric.



The innovations in the Playbook can offer support to healthcare in a variety of ways from reporting data and using AI, pre-assessment, diagnostics and systems management to managing staff at scale and collaborating. There are solutions to support people at home with self-care apps and remote monitoring and consultation. And see how future tech may transform healthcare.

"I am delighted that Healthcare UK has developed this playbook for some of the best British innovation in digital health and care. They have been instrumental in some incredibly exciting technology-based initiatives, which have supported us through Covid and also the largest transformation in Europe in both the public and private sector. Many of these firms are working closely with our National Health Service (NHS) making a huge difference to treatment, prevention and care across our whole population. They represent immense promise and potential and many are already collaborating on a global scale."

Noel Gordon,
Former Chair,
Healthcare UK Advisory Board

Website: <https://bit.ly/3tUkFIK>

UK
5G

Department for
Digital, Culture,
Media & Sport

22-23 March 2022
Birmingham

The UK's 5G Showcase

Realising the transformative potential of 5G

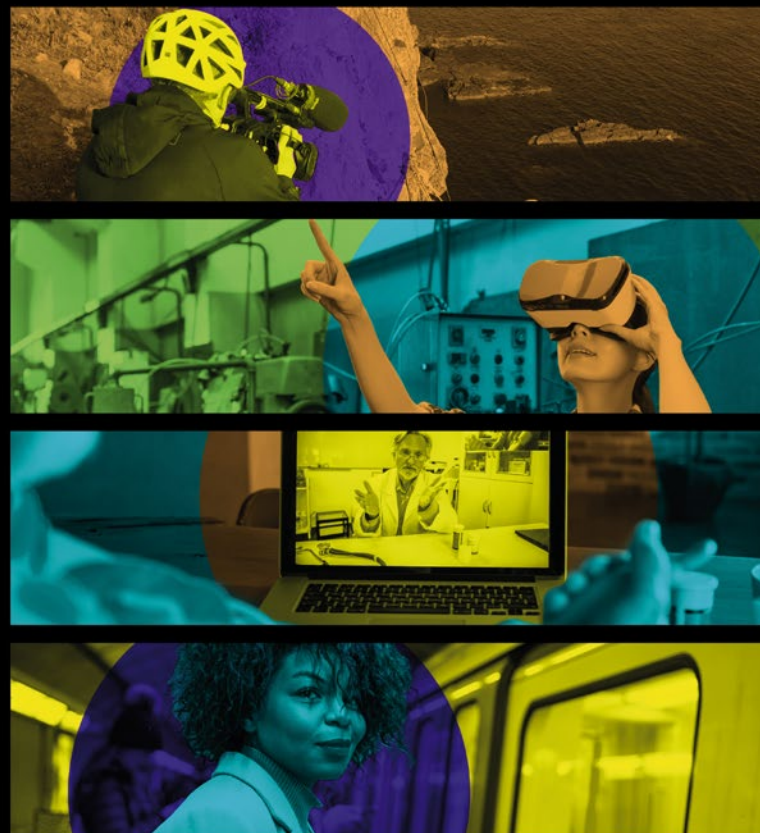


Whether you are looking to grow your business' productivity or bring significant benefits to the citizens in your region, this event is not to be missed.

Register at: www.cambridgewireless.co.uk/events/uks-5g-showcase/

DISCOVER SOME OF THE WAYS YOU CAN HARNESS THE 5G OPPORTUNITY AND BE BETTER CONNECTED

UK5G has created new online hubs to help organisations in the creative industries, manufacturing, transport & logistics, and health & social care to better understand how to use 5G and the benefits it can bring.



UK5G.ORG/DISCOVER/5G-INDUSTRY

UK
5G
better
connected

Directory of UK Safety Tech Providers

A directory of more than 90 UK-based companies which provide technology or solutions which facilitate safer online experiences, and protect users from harmful content, contact or conduct.

The companies listed in this Directory offer innovative products and services that help companies deliver safer online experiences for their users. These can help:

- Identify and remove known illegal content, for example which features child sexual exploitation or terrorist activity
- Detect potentially harmful content or behaviour and flag to human moderators for action
- Establish the age of your users and ensure online environments are safe and age-appropriate for children
- Filter content perceived to be harmful across school, business or home internet
- Identify and mitigate disinformation
- More than half (52%) of UK safety tech companies have an identifiable international presence. (The UK Safety Tech Sector: 2021 Analysis (May 2021))
- UK providers of online safety tech hold an estimated 25 per cent of the global market share. (The UK Safety Tech Sector: 2021 Analysis (May 2021))
- The UK is likely to see its first safety tech unicorn emerge in the coming years, with three other companies also demonstrating the potential to hit unicorn status in the early 2020s. (Safer technology, safer users: The UK as a world leader in Safety Tech' (May 2020))



Link to website:
<https://www.gov.uk/government/publications/directory-of-uk-safety-tech-providers#full-publication-update-history>

UK Success Stories



51Degrees Qverse

"During the selection process of the device detection providers, we were considering a set of requirements like costs, accuracy, and performance. 51Degrees was the undisputed winner."

Ion Sapoval
SVP Technology and
Engineering at Qverse.

 www.51degrees.com

 marketing@51degrees.com

Stand number:
7A15.8

Qverse, a mobile advertising company, offers holistic performance marketing solutions to help grow mobile brands and apps. They process millions of clicks per day and each of these clicks needs to be analyzed to provide highly targeted mobile campaigns. To do this, information on the user's device (including details on the mobile device hardware, browser, and operating system) needs to be uncovered from the accompanying User Agent.

Qverse needed a solution that would automatically collect the data into an easy to analyze format. The most efficient way to gather this information is with Device Detection. The solution needed high levels of accuracy and great levels of performance for an on-premise deployment.

UK Success Stories



Bohemia Automation

Bohemia Automation

Energy Power Storage Management for EVLO Energy by Hydro Quebec

EVA ICS is a platform for Industrial IoT setups, which allows creating secure private clouds, exchanging data between nodes in real-time, quickly creating interfaces, and applying cloud logic on events and brings the IaC paradigm into the IIoT world for DevOps.

Serhiy Symonenko
MScs CTO Bohemia Automation

 www.bautomation.co.uk

 ho@bautomation.co.uk

Bohemia Automation created a solution for EVLO Energy and Hydro-Quebec using EVA ICS to manage and monitor the distributed grid of high-capacity energy batteries for various types of power plants.

The platform allows the customers to build highly-secure, isolated private clouds and quickly extend them on demand, which is very important for high-energy sector solutions.

Working in high-energy distribution and storage, EVA ICS has proved its amazing reliability and security for mission-critical tasks.

Customers' engineering teams emphasize that EVA ICS is very flexible, easy-to-use, and obviously one of the best solutions available on the Cloud-SCADA market.



CEH Technologies Ltd

Mymanu helps break down languages with guests at Marriott Hotels

We undertook a pilot at the Madrid Marriott Auditorium Hotel and Conference centre where staff were equipped with Mymanu Klik S and guests could use dedicated touch screen equipment powered by our in-house translation app. Everyone could speak and listen to the translation in their native language .

 www.mymanu.com

 hello@mymanu.com

Stand number:
7A15.1

- Mymanu was selected from more than 150 entrants to help Marriott guests feel at home with its communication technology
- Marriott hotels challenged Mymanu to help it improve communication with guests from other countries and overcome language barriers
- More than 700 users interacted with Mymanu technology
- 90% reported that Mymanu technology had improved their experience at Marriott
- 75% of surveyed guests felt comfortable using the translation system, improving their communication with associates of different nationalities.
- 100% of surveyed event organisers expected a significant increase in networking opportunities

UK Success Stories



Emeldi UK

The commercial and IT transformation of O2 Czech republic

Jan Hruska CTO of O2 Czech Republic - "It's the heart of our CRM," says Hruska. "Emeldi is a key partner that we picked because of their flexibility. We are able to influence the product and get any solution we need."

Objective:

Simple Online Company:

Transformation from CRM centric solution formerly based on Siebel CRM

Purely digital commerce Omni-channel solution based on digital commerce centric architecture

All-channel support and fully integrated CRM in one application

 www.emeldi.com

 mark.bystriansky@emeldi.com

Stand number:

7A15.7

Goals:

Enable easier and quicker introduction of new products and services

Create a digital commerce platform which enables rich sales continuity of the CX across all channels

Achieve large TCO reductions by rationalising and simplifying the systems architecture, business processes and customer interactions

Introducing all-channel support in one application, enabling retirement of the Siebel CRM legacy

Provide full support for MVNOs hosted on O2's infrastructure

Results:

Transformation of IT into an "enabler" and supportive force for business through increased flexibility and service offerings

Reduction in "Time-to-market"

Significant cost reduction through application consolidation and decommissioning



Empello Ltd

Empello reduces advertising fraud significantly at Orange Cote d'Ivoire

"Orange Côte d'Ivoire is proud to have Empello as a key anti-fraud partner. They have helped us keep the market ecosystem fair between all VAS partners and provide us with insightful details on a monthly basis."

Elimane Sow-Ouakara,
Vas Senior Manager
Orange Côte D'Ivoire

 www.empello.com

 info@empello.com

Stand number:

7G79MR

Empello has been working with Orange Côte d'Ivoire since the beginning of the Covid-19 pandemic lockdowns in March 2020, when we saw significant increases in ad-fraud occurring both globally and locally in Cote d'Ivoire.

Through our combination of effective identification of ad fraud, and efficient take down and management of the compliance process, Empello has reduced high risk and medium risk advertising issues by nearly 100% when comparing the start of the compliance monitoring program in March 2020 to today.

Typical ad fraud issues found by our team of highly experienced multi lingual compliance analysts include Brand Passing Off, non compliant flows, adult advertising, content locking and misleading incentives.





JAYBEAM WIRELESS SAS

Integra – the world's first upgradeable base station antenna

"MNOs are the fastest adopting industry of the United Nation's Race to Zero campaign to cut their carbon footprint. We're delighted to provide this solution and look forward to working with customers to evolving their networks in a lower-carbon way."

Mette Brink
CEO at Amphenol Antenna Solutions

 www.amphenol-antennas.com
 info-emea@amphenol-antennas.com

Stand number:
7B51

Amphenol Antenna Solutions developed a new upgradeable antenna solution that reduce the carbon footprint of base station antennas by 50%. The solution, called Integra, addresses mobile network operators' need to keep their base station technology up to date and reduce their carbon footprint. Across the mobile industry, the advance of technology means that thousands of perfectly functioning antennas are scrapped every year. But under the Integra concept, used antennas will be returned to Amphenol Antenna Systems for refurbishing and upgrade. MNOs can then order the upgraded antennas for installation at their sites.

During the upgrade process, antenna modules that are obsolete will be replaced by up-to-date parts, while modules with current technology will be refurbished. The whole antenna will be tested, certified and warrantied to the same high standard as any other antenna from Amphenol Antenna Solutions.



KORE

Logistics Case Study: Drones Deliver Critical Medical Assets

"The ability to communicate reliably anywhere in the world, anytime, allows Swoop Aero to deploy a sustainable and scalable drone logistics network bridging the last-mile and enabling an equitable health access to anyone from Scotland to Malawi."

Eric Peck,
CEO

 www.eu.korewireless.com
 kthomas@korewireless.com

Stand number:
2C20MR, 2C22MR

Challenge

- To transform the way the world moves essential supplies via air and bridge the logistics gap overcoming vast distances, traffic congestion, location accessibility, inhospitable terrain, & data shortages.

KORE Solution

- Multi-carrier and multi-technology connectivity under one contract, and one billing and support system.
- Global resilient connectivity offerings that seamlessly integrate with drone logistics, launching everywhere from ground to sea.
- KORE's CMP to manage every network connection across multiple carriers and satellite providers and,
- KORE eSIM Device Validation Tool, to test a device's eSIM interoperability before it's deployed to the field.

Outcome

With the KORE eSIM, they can effectively scale anywhere across the globe knowing that their drones can be remotely provisioned at the production facility and delivered with out-of-the-box connectivity.

UK Success Stories



Masters of Pie Hyperbat - Delivering VR Digital Twins over 5G

The Hyperbat 5G solution lays the foundation for the factories of the future. It validates the ability of the enabling technology to deliver XR solutions covering larger distances. It drastically simplifies the network infrastructure paving the way to faster, modular, and cost-effective adoption of innovation on a factory-wide basis.

 www.mastersofpie.com
 enquiries@mastersofpie.com

Stand number:
7A15.4

The Hyperbat solution is a groundbreaking digital transformation initiative delivered by a consortium of companies including BT, Ericsson, Masters of Pie, Nvidia, and Qualcomm, that explored how the use of VR and the digital twin of the model, leveraged by enabling technologies like 5G, edge computing, server-side rendering, cloud streaming, and XR collaboration, materially optimises the handover between dispersed design and manufacturing teams across the UK. The ability of the proof of concept to identify errors and reduce review iteration cycles during the design phase will have a material benefit to the overall profitability of the project. This untethered 5G native VR experience at Hyperbat is a world-first and has allowed teams to walk around and interact with a 3D lifesize model, in real-time, without the constraints of a physical connection.



Mobile Mark Europe Ltd Michelin MEMS Tyre Pressure Monitoring System

The Challenges

- Too many antennas; too long to install
- Older wireless technology was still being used
- Coverage was difficult due to mining environment

The previous tyre monitoring system used multiple antennas to cover 3G, WiFi and GPS. The system needed to be consolidated and updated to cover new frequency bands. Data needs to be reliably transmitted both in-close to vehicle and from all corners of the mining field, and in a harsh, high vibration environment.

 www.mobilemark.com
 enquiries@mobilemarkeurope.co.uk

Stand number:
7B19

The Solutions

- Multi-band package containing all antennas in one housing
- Upgrade from 3G to 4G Cellular, and from GPS-only to GNSS system
- Use vibration minimizing construction for vehicle antennas
- Identify optimum mounting location for widest RF coverage



The new system combined multiple antennas into a single package covering additional frequencies used by the upgraded systems. The interior of the antenna housing was filled with an RF compatible foam to ensure both vibration protection and wireless performance provide the best coverage both near to the vehicle and at a distance.



Mobilise Wi-Fi for MVNOs Freenet Case Study

With their telecom expertise and digital solution, Mobilise were able to help us launch a premium service to our valued customers, as well as manage the underlying technology with little overhead on our side in both the implementation and operation.

Benjamin Grimm,
Head of Networks
& Offers at Freenet

 www.mobiliseglobal.com
 hamish.white@mobiliseglobal.com

Stand number:
7A15.11

Freenet sought to offer an integrated Wi-Fi Service to its Mobile customers in Germany to provide an alternative service and satisfy its customers' ever-growing need for consuming more data and differentiate its offering from the competition. Mobilise, via its M-Connect platform, offered a white-labelled Wi-Fi solution to Freenet and its customers as a value-added service in form of an add-on to existing tariff plans. The service was seamlessly integrated into the digital channels of Freenet with great attention to the user journey. Mobilise delivered a mobile app through which Freenet's users were able to connect to any of the 65 million global Wi-Fi networks supported. The Wi-Fi service is offered as a standalone 1- or 12- month subscription or given for free as a bundle within higher ARPU plans. The bundle option acts as an incentive to drive customers up the ARPU ladder and increase Freenet's revenue per user.



Ranplan Wireless Optimising wireless network design for large theme park

"Ranplan's ability to accurately simulate the network as a whole rather than cell by cell helped us to optimise the overall performance, reduce boomers and over-shooters effect and modify antenna configs to achieve better user throughputs in such a heavily loaded high profile venue."

Amr Albanna,
CEO, Omega Wireless

 www.ranplanwireless.com
 info@ranplanwireless.com

Stand number:
7B15

Ranplan's customer Omega Wireless were tasked with optimising the wireless coverage experienced by millions of users at a large theme park in California, USA. To tackle this complex project, Omega Wireless, chose Ranplan Professional to evaluate and optimise the theme park's wireless network for two of the top 3 tier US Operators. They used Ranplan Professional to created 3 RF heatmap simulations to predict and compare the coverage, quality and throughput results of changing the antennas' tilts, azimuths, power and in some cases replacing the antenna entirely. The throughput performance improved by up to 240%, with an average of 50% despite there being higher traffic loading increased pressure on the network. The average user throughput of the overall cluster saw an improvement of 25%-30%. This is equivalent to adding 1-2 carriers to the venue which could have cost the Operators millions of dollars to achieve.



Truphone

Extreme launches EXTREME CONNECT - powered by Truphone's eSIM technology

Current mobile network offers leave much to be desired by our community in terms of experience. No more roaming charges, no waiting for SIM cards, and clear price plans mean that EXTREME Connect is now the most user-friendly mobile solution available, thanks to Truphone.

Alistair Gosling
CEO, Extreme

 www.truphone.com
 truphone.mwc@truphone.com

Stand number:
5A32

EXTREME Connect will be powered via an app by Truphone's state-of-the-art platform for enabling companies to bundle its connectivity and eSIM technology with their existing products. A company that prides itself on its nomad approach to travel, EXTREME needed a partner that would afford its users the freedom to stay connected anywhere in the world, at a moment's notice at affordable prices. Truphone allows EXTREME's users to focus on their own adventures—safe in the knowledge that connectivity is covered.

With Truphone, each EXTREME Connect subscriber will now have access to data in more than 110 countries. With over 100 direct global roaming agreements provided through the Truphone network, EXTREME Connect offers its users high streaming speeds and reduced latency.





UM Autonomous Systems

Emergency Drone Fleet Search and Rescue - City of Vienna

"Smart city solutions make urban living spaces fit for a networked, digital future, as the example of the life-saving drone solution from Unmanned Life shows. The technologies required for this, such as 5G, create the basis for innovative approaches to life in public spaces.

Werner Kraus
CCO Business, Magenta.

 unmanned.life
 jorge@unmanned.life

Stand number:
GSMA Foundry Stand -
Booth 302 - Industry City - Hall 4

Although Austria has one of the best air rescue systems with 23,000 operations annually, the costs of deploying a manned helicopter can easily reach several thousand euros.

To solve this key pain point, Unmanned Life collaborated with Magenta Telekom, Stadt Wien and Austrocontrol to deploy its autonomous search and rescue product which consisted of a fleet of three autonomous drones equipped with multiple sensors and payloads.

Within the deployment, two autonomous drones capable of streaming HD video in real-time provided the Vienna Fire Department with critical on-the-ground insights by scanning the Danube. Potential individuals in distress were identified by our AI algorithms running in the backend and this information was relayed to the fire department through our management interface. Once confirmed by the end user, the third drone autonomously took off and delivered a life jacket to the location of the identified individual.

UK Success Stories



White Label Loyalty Burger King EMEA Case Study

"We approached WLL to deliver a loyalty solution that was flexible enough to work across franchises with multiple point-of-sale systems and in several languages. They successfully delivered a solution that was up and running within our existing app within a few months."

Katrin Anthes
Digital Business Direct
Markets Manager

 www.whitelabel-loyalty.com
 info@whitelabel-loyalty.com

Stand number:
6C31.1

Burger King Europe was looking for a new loyalty solution, aiming to retain more of its existing customers and increase repeat visit. However, they also wanted greater insight into the behaviour of its consumer base.

We overcame challenges of fragmented POS systems and franchisee system by using our receipt scanning solution to capture data and deployed a microsite, integrated into an existing BK app for users' convenience. The pilot quickly became a success, driving repeat visits & successfully spotting fraudulent activity. We are now enhancing the system to directly integrate with self service kiosks and roll out the solution to wider markets.



Connected Places Catapult is the UK's innovation accelerator for cities, transport, and place leadership. We provide impartial 'innovation as a service' for public bodies, businesses, and infrastructure providers to catalyse step-change improvements in the way people live, work and travel. We connect businesses and public sector leaders to cutting-edge research to spark innovation and grow new markets. We run technology demonstrators and SME accelerators to scale new solutions that drive growth, spread prosperity, and eliminate carbon.

 info-MK@cp.catapult.org.uk

 cp.catapult.org.uk

We have a rich mix of expertise which means we can translate innovation between sectors. Our skilled teams speak the language of engineers, marketers, designers and investors. Which means we excel as ecosystem conveners between the public and private sector. Leveraging a network of 4,500+ SMEs and 50 Universities.



- Climate action: Reduce emissions and build resilience
- People's experience: Design for the customer and address changing needs
- Connected intelligence: Connect data and infrastructure

Exhibitor Profiles Extended

swidch

swIDch

swIDch eliminates digital identity-related fraud through OTAC™ (One-Time Authentication Code): a unique, unidirectional and dynamic token that identifies and authenticates users/devices without a network. Because it's a single-use, time-based code, there's no risk of hacking or hijacking.

 www.swidch.com
 nakyung@swidch.com

Stand number:
7F21

swIDch is a cybersecurity startup based in London that is committed to bringing secure authentication to every digital identity even in the off-the-network environment.

Since its establishment in 2018, swIDch has been recognised for its world's first one-way dynamic authentication algorithm 'OTAC (One-Time Authentication Code)' by taking first place in the 'Potential Unicorns' by the Korean Ministry of SMEs/Startups and winning global awards such as Europas 2020 and Cybersecurity Breakthrough Awards two years in a row ('Authentication Solution of the Year' in 2020 & 'Overall Fraud Prevention Solution Provider of the Year' in 2021.)

Great Creativity is game changing

The UK has created some of the world's most iconic games, including Red Dead Redemption 2, Tomb Raider and Grand Theft Auto. With a growing talent pool of world-leading developers, collaborating with us offers you huge growth opportunities.

To see things differently, choose the UK.
Find out more at great.gov.uk



Proud, of the North of England

There are many reasons why we are proud to be from the North. It is a region steeped in history, industrial heritage, invention and ground-breaking discovery. It is also home to some of the most dynamic regions of the UK and is vitally important both to the UK economy and as a global trading partner.

Our businesses produce many innovative, high quality, distinctive products and services across a diverse range of industries underpinned by a dynamic business ecosystem that includes some of the world's highest ranking universities, internationally significant centres of Research & Development excellence and high-calibre business support organisations.

Add to that some of the UK's largest Atlantic (Panama, USA, China, Singapore) and European (Ireland, Netherlands, Scandinavia, Baltics,

France, Belgium, Germany) connected shipping ports and seven international Airports, including Manchester, which flies to more overseas destinations than any other UK airport. You can see why the region is providing commercial success for lots of UK and foreign owned companies. There is a high international demand for what the region produces.

Turning to MWC, the Northern Powerhouse is also one of the fastest growing areas in Europe for technology with outstanding capabilities in High Performance Computing, Artificial Intelligence, Simulation, Internet of Things, Gaming, and Immersive Technology. It also has a wealth of expertise in materials engineering and manufacturing research and design. These capabilities combine impressively with entrepreneurial know-how to meet consumer demand.

NORTHERN
POWERHOUSE



Northern Powerhouse Delegation



Addressless Mailing Ltd

We acknowledge the trend that Millennials do not store or know address details. Addressless Mailing™ replaces the need to know an address with the need to just know the recipient's mobile phone number.

 www.dustid.com
 michael.livingstone@dustid.com

Stand number:
7B41

DustiD is a SaaS workflow tool that once downloaded and embedded within a retail partner's checkout, reduces friction by allowing registered DustiD members to address purchases with nothing more than the recipient's mobile phone number.


In a single click we share the recipient's verified and preferred shipping address with our retail partners. Retailers download a GDPR compliant script via an API and our software ensures complete privacy.

We're focused on online retailers where the majority of their sales are gift-centric. Allowing SME retailers and global brands like Etsy, Moonpig etc to improve the customer experience.



CGA Simulation

We have created a 5G small cell network for the Liverpool 5G project (L5G). L5G is one of the largest small cell installations in Europe. A private public sector network which provides 5G, WiFi and backhaul via mmWave.

 www.cgasimulation.com
 info@cgasimulation.com

Stand number:
7B41

Liverpool based simulation specialist, CGA Simulation, combines expertise in gaming and emerging technologies to solve real-world problems. Their technologies include: ALEAD, which teaches autonomous cars to drive; Virtual Driving School, which teaches young people to drive in a safe, gaming space; and the 5G Planning Assistant, which has been used to plan one of Europe's largest private, public sector 5G Networks.



CGA combines many years of dynamic games design experience, gained at companies such as Sony and CGA's sister company, CGA Studio Games, with academic research / development and commercial insight.

Northern Powerhouse Delegation



Cloud Web Designer Ltd

Delivering end-to-end web solutions, eCommerce solutions, Cyber security services, SEM and SEO for businesses globally. We are currently developing AI and machine learning solutions for the Traveltech sector across the UK and Europe.

 www.cloudwebdesigner.com
 info@cloudwebdesigner.com

Stand number:
7B41



We are a UK-based market leader delivering end-to-end web solutions, eCommerce solutions, Cyber security services, SEM and SEO for businesses globally over the past 10 years.

We are currently developing AI and machine learning solutions for the Traveltech sector across the UK and Europe. We provide an individual approach to our services and cater to different markets and sectors.



CrowdSurf Ltd

We specialise in interactive live streaming. Our 5 core innovations allow users to navigate and interact with a large scale virtual crowd, while our intelligent audience segmentation helps to connect audiences together.

 www.wearecrowdsurf.com
 dan@wearecrowdsurf.com

Stand number:
7B41

CrowdSurf is the world's first social live-streaming platform. The app facilitates shared experiences around live streamed events, enabling virtual fans to see, hear and interact with each other and the studio. Using the front facing camera, the mobile app pulls in audience video feeds to create a seamlessly scrollable virtual crowd, prioritising people you're likely to know.

Personalised, dynamic watchrooms enable audio with up to 10 friends and branded watchrooms allow for expert commentary, meet & greets and bespoke content. The app enables engagement at unprecedented quality and scale, all underpinned by CrowdSurf's proprietary technology.

Northern Powerhouse Delegation



Curvalux UK Ltd

The R&D team has a unique combination of space industry veterans and top experts in RFIC and antenna system design providing End-to-end Fixed Wireless Broadband equipment including antennas, access points, network management system and customer premises equipment.

 www.curvalux.com
 pdraet@curvalux.com

Stand number:
7B41

Curvalux manufactures Fixed Wireless Broadband technology, offering operators solutions to provide multi-gigabit connectivity in both rural and urban areas.

Our vision is to connect the unconnected and help close the digital divide while reducing the carbon footprint. Curvalux systems are incredibly energy-efficient and can be solely powered by solar energy enabling customers to reduce the cost of service and to deploy broadband in locations where electricity is unreliable or non-existent.

The innovation comes from the patented multibeam antenna technology achieving high speed connectivity, low interference, reducing costs and serving hundreds of users per Edge Node.



Cyberselves Universal Ltd

We are a robotics software company creating the “windows” of robotics. We are creating infrastructure and software that can run on any robot not just one.

 www.cyberselves.com
 info@cyberselves.com

Stand number:
7B41

Cyberselves has created the world's first robot-agnostic software that is transforming robots from specialist devices into mass consumer devices by making robotics software fully portable between all robots.

Our software, Animus, brings full software portability to robotics and is already compatible with 10 robots across operating environments both underwater and on ground with more to come.

Northern Powerhouse Delegation



Gazooky Studios (Immersive Storylab) Ltd

Story is at the heart of what we do, and we've worked with space scientists (we're an European Space Agency Incubator company), to improve the geolocation of our AR 3D characters, objects, storyworld environments and AR portals.

 www.gazookystudios.com
 rosekay@gazookystudios.com

Stand number:
7B41

Gazooky Studios is a female-led CreaTech UK SME. We make ground-breaking service-products fusing immersive tech, story and location. Our Augmented Reality product/services can be accessed on mobile personal devices. We also create Extended Reality (XR) content, including Virtual Reality (VR) and Augmented Reality (AR) headsets; and projection mapped holograms for indoor/outdoor experiences.

We harness BAFTA award-winning storytelling and cutting edge XR exploiting combination space tech developed as a European Space Agency incubatee to geolocate high-quality data-rich XR content in unexpected places.



Indiespring

Our dedicated and talented team of technical experts use their knowledge to deliver innovative, mobile-first, custom software solutions that will power your future.

 www.indiespring.com
 hello@indiespring.com

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Indiespring is a leading provider of innovative, mobile-first, custom software solutions that drive business transformation and accelerate our customers' growth. Whether it's a mobile app to improve customer experience, enterprise software to improve operational efficiency, or an app your customer has engaged you to deliver as part of a wider project, our expert team deliver robust next-generation solutions on budget, on time.

For over 10 years we have successfully built customer solutions for organisations across the world from our UK base. Our clients include: Nokia, Volkswagen, Alstom, BHF, Trak Global, Highways England, DVLA UK, More Than and many more.

Northern Powerhouse Delegation



Wray Castle

Our training covers all communications technologies including 5G, LTE, Network Virtualisation, IP and Radio Engineering and deliver knowledge in an engaging way that inspires, reinforces knowledge and promotes life-long learning. Our innovative learning solutions feature live and on-demand online courses.

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We empower the global telecoms world by developing the specialist knowledge, skills and competencies organisations need to build, maintain, optimise and operate the cutting-edge communications networks of today and tomorrow.

Trusted by the telecoms industry since 1958, we've helped upskill over 300,000 professionals from mobile and fixed operators, vendors, regulators, consultants, rail operators, energy suppliers and government organisations worldwide.

We support learners at all stages of their career from new entrants to experienced engineers by delivering training across a range of formats that build knowledge in an engaging and enjoyable way to inspire, reinforces knowledge and promote life-long learning.

UK Tradeshaw Programme

Businesses exporting, or thinking of exporting from the UK can attend UK Tradeshaw Programme's selection of supported overseas tradeshaws and conferences, and potentially receive grants to offset some costs.

Overview

Attending overseas tradeshaws can help you:

- Gain essential market knowledge and make new contacts.
- Gain experience in attending and getting the most from overseas tradeshaws.
- Get advice and support from trade experts on how to maximise your presence.

The UK Tradeshaw Programme provides all successful applicants with training, both about tradeshaws in general and also specifically about the event that they applied for. The highest ranked applicants may also receive financial support to help with exhibiting at the show, such as the costs of stand space.



To view a list of UK Tradeshaw Programme supported events, please visit <https://www.events.great.gov.uk/website/5935/>



UK Government

The UK's Department for International Trade (DIT) helps businesses export, drives inward and outward investment, negotiates market access and trade deals, and champions free trade.

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