

Building a strong digital society together

NL Netherlands

MOBILETM
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Mobile World Congress 2022

MWCTM
Barcelona



The NL MWC21-23 Partner Ecosystem

ES **MWC**TM
Barcelona



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Building a strong digital society together

The Dutch pavilion at Mobile World Congress was made possible by

The NL MWC21-23 Partner Ecosystem



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THE NETHERLANDS at MWC BARCELONA 2022

Building a strong digital society together

The Dutch high-tech sector ranks amongst the top globally and is a major force in the development of new technologies in the ICT Sector. The Dutch ecosystem is truly unique, with intense focus on collaboration, open innovation and multi-disciplinary thinking.

It is this eclectic development environment that keeps our start-up scene thriving, our emergent technology ranking high and makes us a significant influencer in the global communications and technology market.

Experience the Dutch drive and entrepreneurship yourself and visit us in Barcelona in Hall 5, A31. The Netherlands is also represented at 4YFN with Netherlands based startups in Hall 6, C64. See the overview here nlmwc.com/4YFN

THE NETHERLANDS PROGRAM

The Netherlands Pavilion is home base and launch pad for all Dutch attendees. It will host a variety of tech companies as well as a great mix of public and private partners. You can find the overview in this online book and on nlmwc.com/partners

Both live and online MWC22 will be primarily about meeting with partners, forging new connections and creating exciting new business opportunities. Our full program can be found on nlmwc.com/program

The Netherlands' presence has been developed from the objectives of the topsector ICT/team dutch digital delta to support the acceleration of the Dutch ICT business and governmental community (Public Private Partnerships) in the realization of their strategic and organizational goals. ES is proud to organize this event on behalf of The Netherlands for the 7th consecutive time.

NL MWC Team

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channelpro

The Netherlands Organising Team

René Frederick Eric Luteijn Jos Raaphorst

Mark Beermann Anke Kuipers Peter van der Ham Tine van Heerikhuizen Olaf Müller Lotte Engels Dick van Schooneveld

February 28 – March 3, 2022
CONNECTIVITY (& SDGs) UNLEASHED
‘Building a strong digital society together’

ES GSMA MWC Barcelona



Our partners

A

Agentschap Telecom

Aircision

Allinq Institute

AMS IX

Autoriteit Consument & Markt

B

BroadForward

BTG Services

C

Capgemini

Capstone

Closing the Loop

D

Dutch Digital Delta

E

Effect Photonics

Enreach

Eurofiber

G

Gemeente Amsterdam

Gemeente Den Haag

H

Holland Fintech

I

ING

Innovation Quarter

K

KPMG

KPN

L

LUKE

M

Ministry of Economic Affairs and Climate Policy

Ministry of Infrastructure and Water Management

O

OPNT

P

Provincie Zuid-Holland

Q

Quaestus

R

READID powered by Innovalor

Riab-Telematics

S

Sectra

Simfony

Smartcom Summit

SNEW

T

The Hague Business Agency

The Hague Security Delta

The Hague Tech

TNO

TSOC

V

VolkerWessels Telecom



2022



Building a strong digital society together

The Netherlands is one of the most connected countries in the world and is high on the list of innovations. It has the best mobile networks. The Netherlands is well represented at MWC Barcelona at the expo and at 4YFN.

See for more information: nlmwc.com

We would like to invite you to visit our pavilion (5A31) with our partners. We have highlighted some of them particularly for their value propositions for operators.



Founded in 2019, Aircision is developing new wireless devices based on laser technology (FSO, Free-Space Optics) to connect people in remote and rural areas. Using an active-alignment system, Aircision is developing FSO systems that can deliver more data (10 Gbps+) over greater distances (5 km+).

With more throughput potential and lower energy consumption than radio-frequency, we can deliver bandwidth to people across the world that have little to no access to the internet. Aircision wants to contribute to a better infrastructure by providing sustainable solutions to speed up broadband expansion.

Contact: Edzard Janssens | edzard@aircision.com | www.aircision.com



BroadForward is leader in intelligent signaling software for 2G, 3G, 4G, 5G, IMS, Fixed, Wi-Fi, IPX and M2M/IoT networks. BroadForward delivers core network products for routing, interworking, security and number portability, designed for convergence across legacy and next generation networks.

BroadForward is GSMA Award winner for Best Mobile & Network Software Breakthrough for its converged signaling solution which supports service providers with their network transition to 5G. Our 5G roadmap includes the Security Edge Protection Proxy (SEPP), Service Communication Proxy (SCP), Binding Support Function (BSF) and 4G-5G interworking. BroadForward products are hardware-agnostic and support network virtualization, containerization and cloud deployment.

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www.broadforward.com



EFFECT Photonics delivers highly integrated optical communications products based on its Dense Wavelength Division Multiplexing (DWDM) optical System-on-Chip. The key enabling technology for DWDM systems is full monolithic integration of all photonic components within a single chip and being able to produce these in volume with high yield at low cost. With this capability, EFFECT Photonics is addressing the need for low cost DWDM solutions driven by the soaring demand for high bandwidth connections between datacentres and back from mobile cell towers.

EFFECT Photonics is headquartered in The Netherlands with R&D/manufacturing in UK, a subsidiary in Taiwan and a facility in the US.

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Critical infrastructure heavily relies on satellite (GPS, Galileo, etc.) based timing. The telecom market has the highest timing requirements followed by the finance & electricity markets. Governments (EU, US, UK, etc.) are actively looking for a backup solution to this satellite dependence for homeland security.

OPNT transforms the time distribution market from a satellite based, towards a terrestrial based solution making use of the existing telecommunications infrastructure. For this, OPNT incorporated technology developed at CERN to fit the telecom infrastructure making time distribution extremely robust and efficient. The increased accuracy will also boost innovation like quantum computing and terrestrial positioning (key for autonomous driving).

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ReadID is the leading NFC-based mobile identity verification technology, provided by the Dutch tech scale-up company InnoValor. It is the solution for mobile identity verification using NFC and smartphones that is adopted quickly in different sectors and application areas where fraud prevention is key, such as banking, border control and digital signing.

ReadID leverages what people already have: government-issued identity documents with contactless NFC chips and NFC-capable smartphones. Among our reference customers are known banking institutions like ING, Rabobank and ASB, trust service providers including SK ID Solutions, Itsme and Digidentity.

Contact: Wil Janssen | wil.janssen@innovalor.nl | www.readid.com



Sectra assists authorities and defense forces in Europe to protect society's most sensitive information and communications. The offering includes secure collaboration tools, secure VPN as well as secure voice and data communications, with solutions certified at the national level and by the EU and NATO. Sectra also offers security analysis and monitoring of critical IT systems, such as electricity and water supply. Sectra's operations are conducted from its offices in Sweden, the Netherlands, Finland, Norway and the USA.

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Simfony offers Immediate IoT Infrastructure and powers M(V)NO customers by unlocking the opportunity to supply end-to-end IoT connectivity solutions through its Whitelabel IoT Connectivity Platform. With a pay-as-you-grow model Simfony lowers the entry barriers for M(V)NOs to quickly launch based on a cloud or on-premise deployment.

The Simfony Platform includes a full core network stack, together with all needed customer support facilities, online charging capabilities, real-time self-service platform and all corresponding APIs. M(V)NO's can also benefit from Simfony's competitive wholesale rates using the latest eSIM/eUICC Technology. Simfony is ISO 9001 and ISO 27001 certified.

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Research and innovation are of great importance to our prosperity, well-being and productivity. Digital innovations are transforming the way we live and work. The Netherlands has a good starting position in the digital landscape, the infrastructure is world-class. In the future, we want to take maximum advantage of the opportunities created by digitization. To achieve this, the **dutch digital delta** network has been set up. This network is the meeting place for technological innovation.

We join forces, share knowledge and create opportunities. We are the national platform for business, government and science, with the aim to connect and create. Team dutch digital delta is placing activities aimed at the further development of new (mobile) communication techniques under the heading of **Future Network Services**, also in line with the European "Smart Network Services". It merges services with infrastructure, and cloud, IOT, artificial intelligence and telecom networks come together, to create opportunities for new applications for the various sectors and for society as a whole.

Contact: info@dutchdigitaldelta.nl



The pace of change in the telecom industry is unparalleled, and technological advances and changing consumer behavior have irrevocably changed the business environment for the telecom industry. 5G is the defining

element of every Telco's transformation strategy. However, for operators, success will depend not just on the ability to deploy powerful new networks, also monetize investment across industries and domains. **Capgemini Netherlands** has over 30 years of experience working with wireline, wireless, internet service providers and cable companies. As proud leader in the 2021 Gartner® Magic Quadrant™ for IT Services for CSPs, Worldwide, and in the Everest Group PEAK Matrix® for 5G Engineering Services Capgemini will work with you to achieve strategic goals and world-class results you require, especially in the areas **cybersecurity, 5G** and **IoT applications**.

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For VolkerWessels Telecom, participating in the Mobile World Congress is more than an orientation trip as was the case in the past. **VolkerWessels Telecom** will always present itself from the customer's point of view. VolkerWessels Telecom takes care of the construction of overground and

underground networks, but doesn't shy away from issues relating to network management, maintenance and design either. No smart applications without connectivity. At VolkerWessels Telecom, we build the data infrastructure of tomorrow in urban areas, homes and offices. The great thing is that MWC22 once again confirms that telecoms as a basis, is **the single connecting factor** in today's world. VolkerWessels Telecom will therefore once again have a strong presence at the Netherlands Pavilion during MWC22. Which seamlessly fits into their strategy of becoming more visible on the international stage of telecoms and connectivity.

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KPMGs Technology, Media and Telecom (TMT) practice supports clients in cost reduction, transactions and performance improvements. From startups to listed companies, around the globe technology firms are striving to secure their market positions by means of disruptive innovation. As a result, more and more firms are gaining a technology profile.

When new technologies are introduced it is increasingly important for executives in this sector to understand this complexity and the impact of the **business transformation**. KPMG professionals understand the challenges. KPMG TMT professionals combine industry knowledge with technical, operational and strategic expertise to provide insight to support transformation.

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Quaestus came into existence as a result of the increasing need in the market for another way to search for executive talent: a more sustainable solution, with more attention to the processes of selecting and supporting leaders.

Welcome to **Quaestus, the Leadership Innovators!** This is particularly necessary in today's world where globalisation, digital transformation, geopolitical, and social changes determine the agenda for those working at the top. This is why Quaestus, from an early stage, combined executive search and leadership consultancy - to be able to claim a separate category within the domain of executive leadership. By forming a secure base connection with yourself and your environment, a culture can be created which allows for creativity, innovation and growth to thrive. ICT is a fast-growing sector in the Netherlands and a driving force behind digital transformation. This offers opportunities, but also challenges. Digital transformation requires continuous innovation and a flexible attitude on the part of organizations in adapting existing business and societal models.

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For more information about NLMWC: please e-mail mark@enterprisesummit.nl

