



Samenspel of strijd?
Wetenschap, politie
en beleid.

De dans tussen
wetenschap, politie
en beleid.

Conferentie 35 jaar CPS
Thermae Palace Oostende
8-9 mei 2025

Integratie van wetenschap binnen Defensie: hoe en wat? Voordelen en uitdagingen.

Van het terrein naar de designtafel: hoe je impactvol innoveert

Jan Vanhaecht

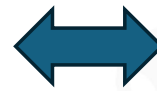
Deloitte Consulting & Advisory bv (België)

Cyber leader overheid (EU & Defensie)



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Hoop Labs | 5G Testbed

Is a 5G technology focused asset.
Setting the pace for innovation, collaboration and synergies
with clients and partnerships through its unique ecosystem
configuration.



Technical Engineering Center



5G Advanced Connectivity



Experience and Innovation



Workforce Unique facilities



Collaboration and synergies



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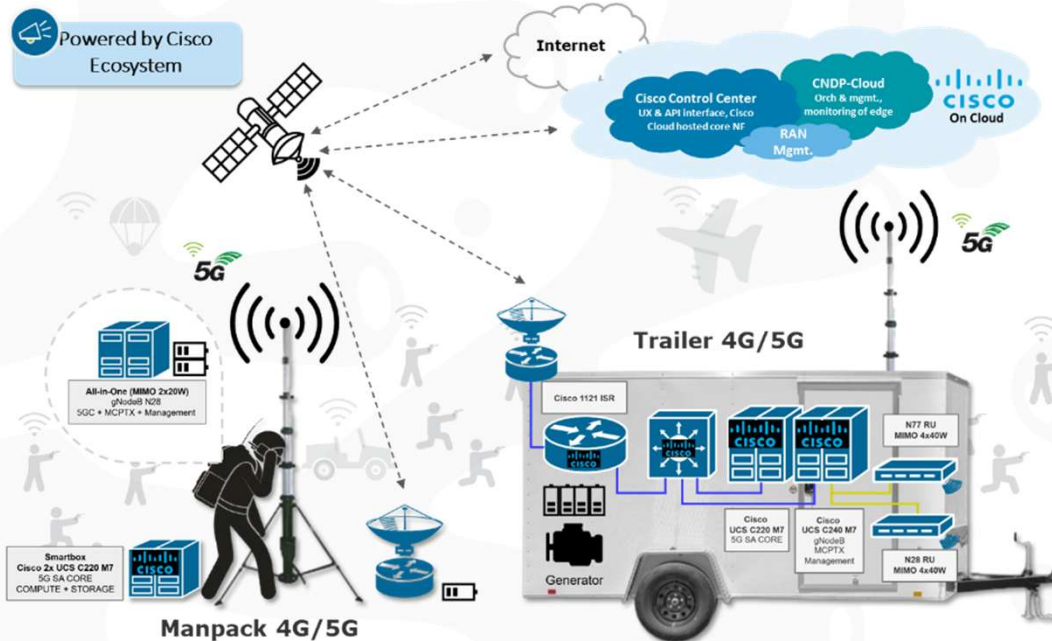


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Van het terrein naar de designtafel: hoe je impactvol innoveert



Manpack 4G/5G

Radio B28 & CORE,
Bateries

Mast (8m)

Satellite backhaul

Mission-Critical Coms Platform



Radio B28 e N77 & CORE,
Generator and Batteris

Telescope Mast (9m)

Satellite backhaul solution

Mission-Critical Coms Platform

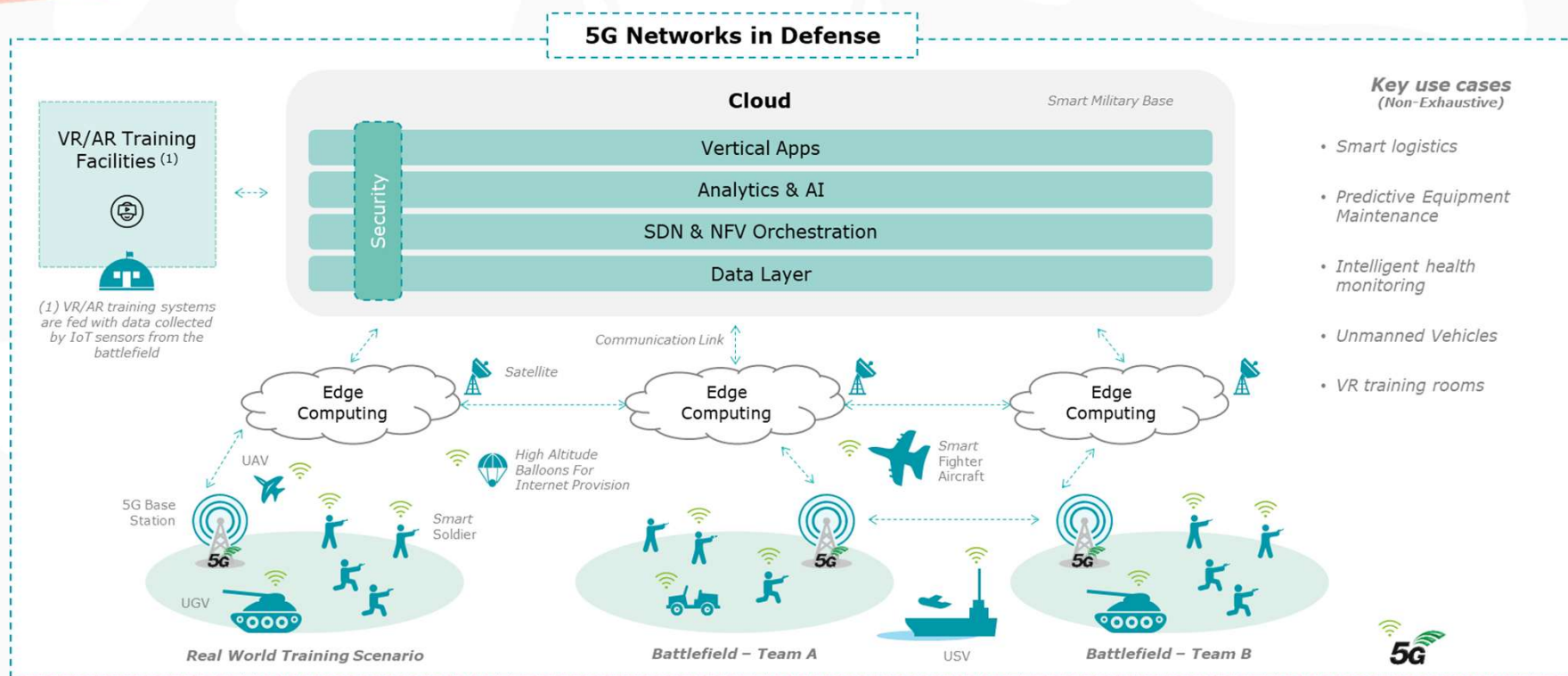
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Van het terrein naar de designtafel: hoe je impactvol innoveert

DEFENSE TRENDS



Data Transfer

Secure Communications

Mission Critical Communications

DEFENSE TRENDS



Airspace Monitoring

Reconnaissance

Real time data and video

Drone Operations

DEFENSE TRENDS



Encrypted messaging

Satellite connection

Communication with Command centers

Isolated Communications

DEFENSE TRENDS



National Border Security

Monitoring

Perimeter protection

Threat detection

Video Analytics

DEFENSE TRENDS



Logistics Management

Safer Operations for troops

Remote Driving

DEFENSE TRENDS



Object Recognition

Threads in Real-Time

Facial Recognition

Computer Vision

DEFENSE TRENDS



Location Tracking

Combat Search

Rescue operations in Real-Time

Search & Rescue

DEFENSE TRENDS



Crowd Surveillance

Evacuation Strategies

Identify potential hazards

Smart Venues

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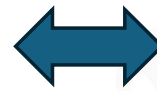
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Dank u!



Jan Vanhaecht

Deloitte Consulting & Advisory bv (België)

Cyber leader overheid (EU & Defensie)

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Annex

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Annex

Our success stories within the 5G private networks space

Some of our concrete success cases include assessment, strategy and implementation support of 5G private networks and advanced connectivity

Definition of the 5G Private Network (PN) Strategy for a Regional Power Utility

Deloitte.

Deloitte supported in defining the strategy and roadmap for a 5G private network implementation, with the technical requirements of the solution, including definition of the architecture of the private network and its technical characteristics related to the 5G SA, including dedicated RAN, CORE, and Transport networks, as well as use cases.



E-Redes and Deloitte in PVNO enabled digital transformation

E-REDES

Deloitte.

Deloitte has been supporting PVNO based digital transformation for a power distribution company, participating in the solution design, solution deployment and strategic roadmap for a mobile private network, accommodating the future demands of 5G demanding use cases.



First 5G Dam: Living Lab strategy Definition & Setup Support for a Power Utility

Deloitte.

Deloitte has supported a power generation company on the strategy definition for a 5G Living Lab launch at one of the most relevant hydroelectric plants in the Portugal, aiming to enable innovative use cases and create the end-to-to ecosystem to promote digital transformation.



Automated Driving, control and maneuver around production plant without a driver

Deloitte.

Deloitte has been supporting a major Automotive manufacturer in a project to guide vehicles autonomously, around the production plant, without requiring a driver inside. Overall architecture is based in a sensor infrastructure to support vehicle localisation, and a set of controlled commands transmitted via mobile Private Network.



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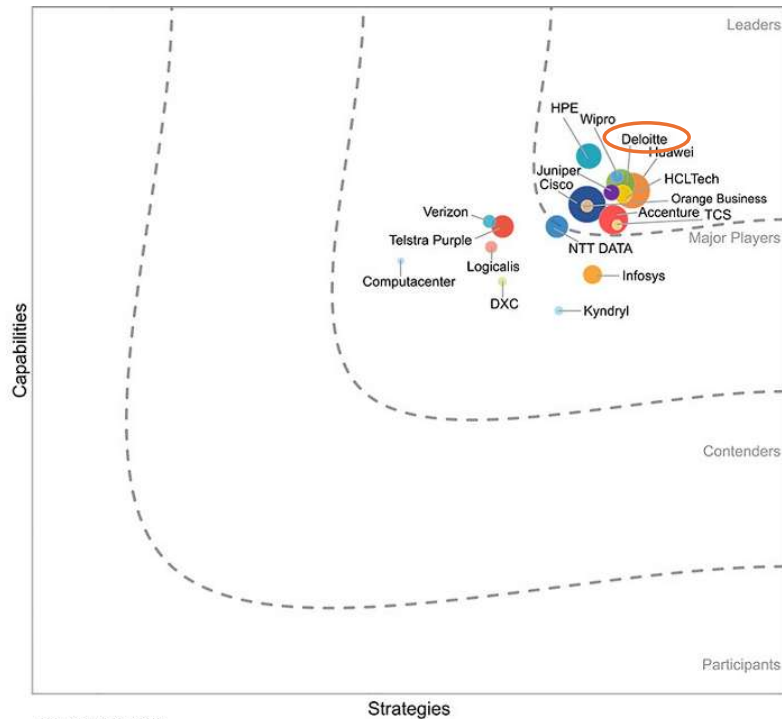


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IDC just ranked Deloitte as **Leader** in the 2024 IDC MarketScape for Worldwide Network Consulting Services

The IDC MarketScape highlights how Deloitte continues to invest in the expansion of its network consulting services portfolio addressing the most challenging connectivity concerns of its clients, on 5G, Edge, IoT, network virtualization, datacenters or security.



Source: IDC, 2024

Study respondents found Deloitte to have strengths in:

- ability to reduce their operational costs;
- helping clients improve management and monitoring of their networks;
- having faster time to market with network capabilities;
- networks technical expertise supplemented by broader industry knowledge to help driving incremental revenues
- level of communication and professionalism

66

"We used Deloitte for their **technical expertise**, but it was **much more than that**, the best part of working with them was **their level of communication and professionalism**."

(Customer 1)

66

"They provided us with **alternative points of view and a bigger picture to help us drive incremental revenue**."

(Customer 2)

<https://www.deloitte.com/global/en/about/recognition/analyst-relations/idc-marketscape-worldwide-network-consulting-services-vendor-assessment.html>