1. From innova solutions
   1. The use case opportunities are vast and varied, ranging from enhanced fraud protection and compliance using InnoWallet, Innova’s digital wallet and payment platform, to remote health monitoring, asset tracking for transportation and logistics, and industrial and workplace safety with smart video solutions.
2. Immersal from Hexagon

[Immersal Oy, part of Hexagon](http://https:/immersal.com/" \t "_blank), announced today at the Mobile World Congress (MWC) in Barcelona, Spain, the launch of [Immersal City-Scale](http://www.immersal.com/immersal-city-scale), a Visual Positioning System (VPS). This innovative solution offers unmatched accuracy in outdoor location-based services for mobile network operators and their enterprise customers.

Mobile network operators can purchase the Immersal city-scale VPS maps and sell the service to companies in various industries, including logistics, postal services, food delivery, public safety, gaming, entertainment, retail, and advertising. With its advanced mapping capabilities, the Immersal VPS streamlines the way businesses access location data, enabling more advanced location-based applications. Proprietary computer vision algorithms and advanced mapping techniques lead to the system’s unparalleled accuracy, precision and reliability.  
  
Immersal City-Scale offers a wide range of possible applications, including:

* Augmented reality experiences for tourists and visitors at landmarks, museums and other attractions.
* Location-based advertising and marketing, providing businesses with accurate data on customer behaviour and preferences.
* Emergency response and public safety, allowing first responders to locate individuals in need of assistance quickly.

Immersal Oy will release ready-made Immersal City-Scale VPS maps for Helsinki in March 2023, followed by Tokyo, Seoul, and San Francisco before June 2023. Immersal City-Scale provides an ideal platform for creating engaging and interactive experiences that are seamlessly integrated with the physical environment. The company is looking for partners to collaborate on creating immersive content such as AR art, AR games, and other location-based experiences using its cutting-edge Visual Positioning System (VPS) technology.  
  
“As a great use case for 5G, Immersal City-Scale offers a wealth of new business opportunities for mobile network operators,” says Anttoni Vesterinen, CEO of Immersal. “The large-scale mapping capabilities set it apart from other solutions in the market and, for the first time, make city-scale applications possible. We’re excited to see how this technology will affect the way businesses use location data to enhance their offerings and improve the user experience.”  
  
The Immersal City-Scale is designed for ease of use, allowing mobile network operators to integrate it into their existing infrastructure seamlessly. This eliminates the need for complex and costly deployments, making the technology accessible to a wider range of businesses.  
  
Immersal is dedicated to bringing the most advanced and innovative technologies to the market. This 5G-enabled, smart-city VPS can transform the way businesses access and use location data.

**Inmersal**

Immersal, part of Hexagon, is building world-leading spatial mapping and visual positioning tools — the foundation of the metaverse. Founded in 2015, Immersal’s team is based in Helsinki, Finland, and working with partners, developers and creators across the globe to reimagine how we explore, interact and create. Immersal also has sales offices in Hong Kong and in Silicon Valley, California, and is expanding its presence and partner networks globally. The company was acquired by Hexagon in 2021 and continues to pursue the vision of a metaverse built and experienced by everyone on any device.

**For related images and videos please contact:**Päivi Laakso-Kuivalainen, CMO, Immersal Oy  
Phone: +358 40 757 29 27   
Email: [paivi.laaksokuivalainen@immersal.com](mailto:paivi.laaksokuivalainen@immersal.com)

1. Clearx with google
   1. <https://cloud.google.com/blog/topics/telecommunications/clearx-service-exposes-telco-capabilities-through-apis/>
2. With orange

**Standout Use Cases of Network APIs**

* 1. Several impressive use cases emerged, showcasing the wide range of applications of Network APIs. The jury selected three standout use cases.
  2. #1 . Domos.ai proposed a connectivity use case using the Quality-of-Service API. By leveraging network insights, the Quality of Service API improves real-time communication of applications. This function offers a consistent user experience to the end users, such as improved latency when using the Teams application.
  3. #2. LabLabee developed an application which enables elderly individuals with mental loss of autonomy to maintain their independence outside of their homes within a defined geographical area, surpassing the limitations of Wi-Fi range, without requiring an additional device thanks to Orange Geofencing API.
  4. #3. NearMe team developped a location-based promotions and mobile service with secured on-boarding using Sim Swap and Number Verification APIs. When a mobile device enters a specific area, notifications are sent to nearby merchants, who can offer personalized promotions. NearMe is a team of two individuals who didn’t know each other before the hackathon and new nothing about Network APIs

1. Kepit systems
   1. <https://www.nokia.com/blog/nokia-and-elisa-conduct-successful-poc-on-monetizing-l4s-with-network-as-code/>
2. SEFAR
   1. <https://www.samenacouncil.org/samena_daily_news?news=97937>
3. Wavemaker
   1. <https://www.wavemaker.com/newscenter/wavemaker-launches-component-marketplace-for-5g-powered-apps-integrates-nokia-apis/>
4. Elmo cars
   1. <https://pf.content.nokia.com/t01456-nac-csp-use-cases/Enhancing-Connectivity-for-Remote-Driving-with-Network-as-Code-and-Elmo-Cars>
5. Quorus
   1. <https://www.linkedin.com/posts/atulpurohit_networkascode-enterpriseinnovation-digitaltransformation-activity-7298264543095369732-X64c>
6. Bounteous x Accolite
   1. Bounteous x Accolite and Nokia are initially focusing on enabling health care applications that allow patients and hospitals, for example, to track ambulance location to accelerate response times in emergency situations. Bounteous x Accolite works across a range of industries, including telecommunications and media, health care, financial services, and media, to strengthen customer online experiences with greater product offerings and service delivery.
   2. <https://www.nokia.com/about-us/news/releases/2024/08/01/bounteous-x-accolite-and-nokia-sign-agreement-to-boost-network-api-use-case-development-leveraging-5g-capabilities/>
   3. <https://www.bounteous.com/insights/2024/08/01/press-release-bounteous-x-accolite-and-nokia-sign-agreement-boost-network-api/>