



The 5G-ENCODE Briefing

An update from Vassilis Seferidis on behalf of 5G-ENCODE

September 2021

Hi all,

Big news to share! We switched on the second phase of our industrial private 5G network at the beginning of September and it is now under final integration testing. This brings us a huge step closer to proving the commercial viability of 5G technology within an industrial environment. We're really pleased with the progress we're making and encourage you to read on and see what our partners and the media thought about this too.

As always, please do get in touch if you have any questions.

Until next time,
Vassilis Seferidis
Founder and CEO at [Zeetta Networks](#), leading partner at [5G-ENCODE](#)

What's been happening at 5G-ENCODE

We switched on the second phase of our industrial network after successfully launching phase one at the National Composites Centre (NCC) late last year. The deployment of network slicing and splicing technology - developed by Zeetta Networks - has been key to the success of our use cases. These include: augmented reality and virtual reality to support design, manufacturing and training; monitoring and tracking time sensitive assets; and wireless real-time in-process monitoring and analytics.

As part of the phase two network deployment, Zeetta and partners created a new network slice by stitching together slices from one transport network and two separate private networks, one located at NCC HQ and the other at an NCCI facility located several miles away from the first location. This means that NCC's engineers can now automate the splicing and dicing of the network resources, providing users and machines with the exact level of connectivity to optimise performance at any time.



Where we'll be

INDUSTRIAL 5G UNCOVERED BY DIGITAL CATAPULT - 19TH OCTOBER

I will be joining the four-part webinar series with tech experts from the 5G Testbeds & Trials programme, to explore and discuss gaps for new use cases, challenges of adoption and 5G roadmaps for the future. Please do show your support by tuning in and sharing any questions you might have.

CATAPULT
Digital

5G TECHRITORY 2021 - 22ND - 25TH NOVEMBER

Myself, Marc Funnel of NCC and BCP Council's Xavier Nuñez, Smart Place Digital Innovation Lead will be attending this year's 5G Techritory event. Marc and I will be sharing a session on 5G vs 4G for Industry 4.0, learnings from the 5G-ENCODE project, and I'll then join Xavier to discuss the progress we've made with BCP's smart place project in our session titles: 5G for Smart Cities: BCP Council's Smart Place case study. Do come and visit us if you're attending.

5G TECHRITORY



Looking to the future

We're still working hard behind the scenes to finalise the integration testing of all components of the network including the 5G SA core and new-radio access points and the service orchestration through network slicing and splicing. The results of these tests will be shared at our launch event later this year where we'll be formally introducing our 5G network to our strategic partners, our funding body, customers, and local government stakeholders.

Please do get in touch if you'd like to attend, otherwise stay tuned for more details coming shortly.

GET IN TOUCH

The partner network

This month, we are pleased to hear from **Dimitra Simeonidou, Director of Smart Internet Lab, University of Bristol**:

"In this project for the first time we have shown how a public and open 5G test-bed developed by University of Bristol can be seamlessly connected to a private industrial 5G network enabling next generation industrial 5G use cases and applications such as interactive real time remote training and critical asset tracking. This is achieved with a next generation low latency edge computing platform and a novel 5G brokering mechanism developed by the Smart Internet Lab controlled and orchestrated by Zeetta's orchestration platform."



FIND OUT MORE

5G-ENCODE in the news

ComputerWeekly.com

COMPUTER WEEKLY

5G-ENCODE reveals next phase of network slicing for industrial 5G

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Zeetta Networks, Airspan, and Druid slice private 5G for manufacturers

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Slicing and splicing the 5G network

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The 5G-ENCODE Project Wants to Help Drive the Future of the Manufacturing Industry

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Bloomberg

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10 Tech Industry Trends for 2022

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Mobile

MOBILE MAGAZINE

Fostering an environment for rich 5G adoption

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ENTERPRISE IOT INSIGHTS

5G-ENCODE launches next phase of industrial private 5G network in the UK

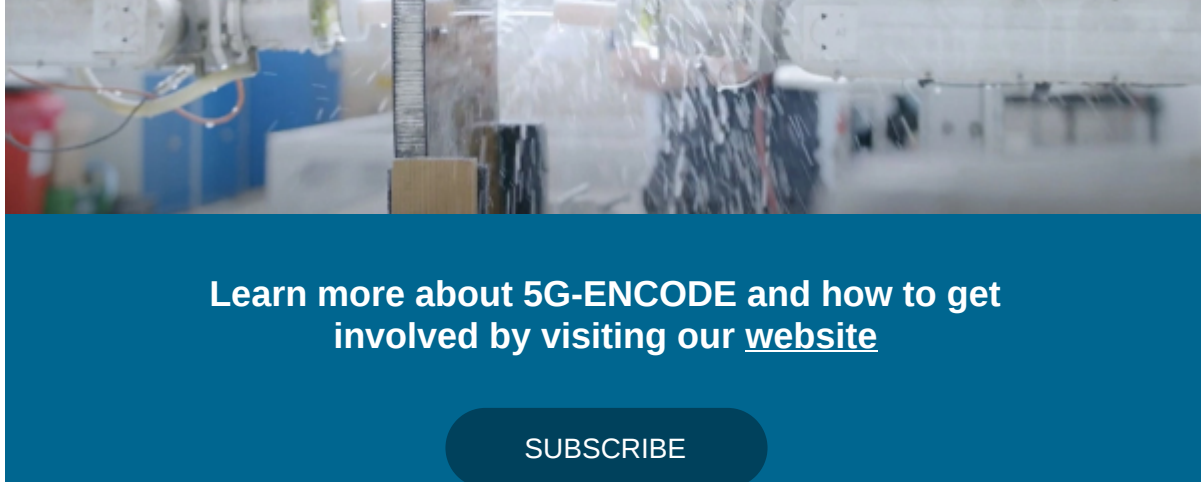
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UK government project 5G-ENCODE claims new breakthrough in industrial 5G

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