



ENABLING SMARTER NETWORKS™

# 5G-ENCODE\* Project

March 2020

*\* Enabling Connectivity for Digital Engineering*

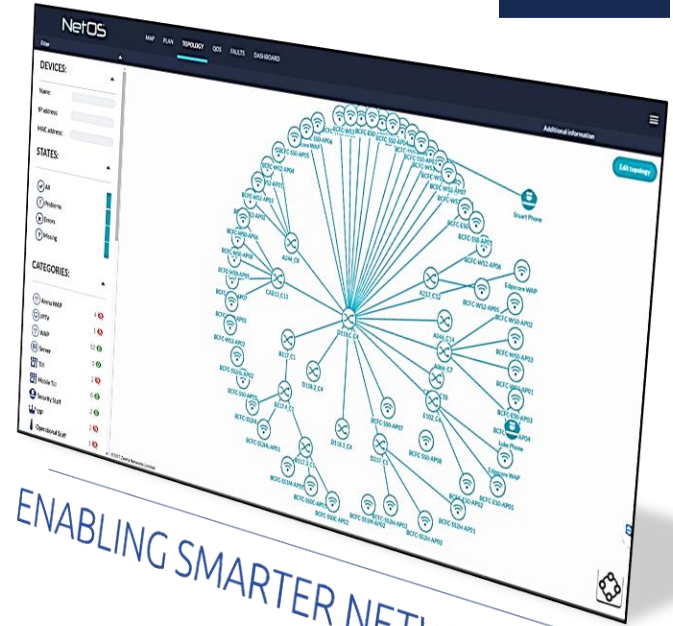
# About Zeetta Networks

Gartner  
COOL  
VENDOR  
2019

**Zeetta Networks** leads the development of programmable networks based on NetOS®

**NetOS®** is a patent-protected network control and management platform that provides multi-vendor, multi-technology network visibility, optimisation and automation through a user-friendly GUI

Zeetta's **Visualise**, **Optimise** and **Automate** products are based on NetOS®



ENABLING SMARTER NETWORKS™

**Visualise**  
Powered by NetOS®

**Optimise**  
Powered by NetOS®

**Automate**  
Powered by NetOS®



# Introduction to 5G-ENCODE Project

# 5G-ENCODE Project Overview

- **£9m** Project funded partly by DCMS' "Industrial 5G Testbeds and Trial: Manufacturing and Logistics" Programme
- Aims to develop **clear business cases and value propositions for 5G application** in manufacturing industry
- Also to deliver a private 5G Testbed within the National Composites Centre (NCC)
  - New business models
  - New 5G technologies: Network slicing and splicing
- Three manufacturing use cases:
  - AR/VR to support design, manufacturing and training
  - Monitoring and tracking of time sensitive assets
  - Wireless real-time in-process monitoring and analytics
- Lead organisation: **Zeetta Networks**



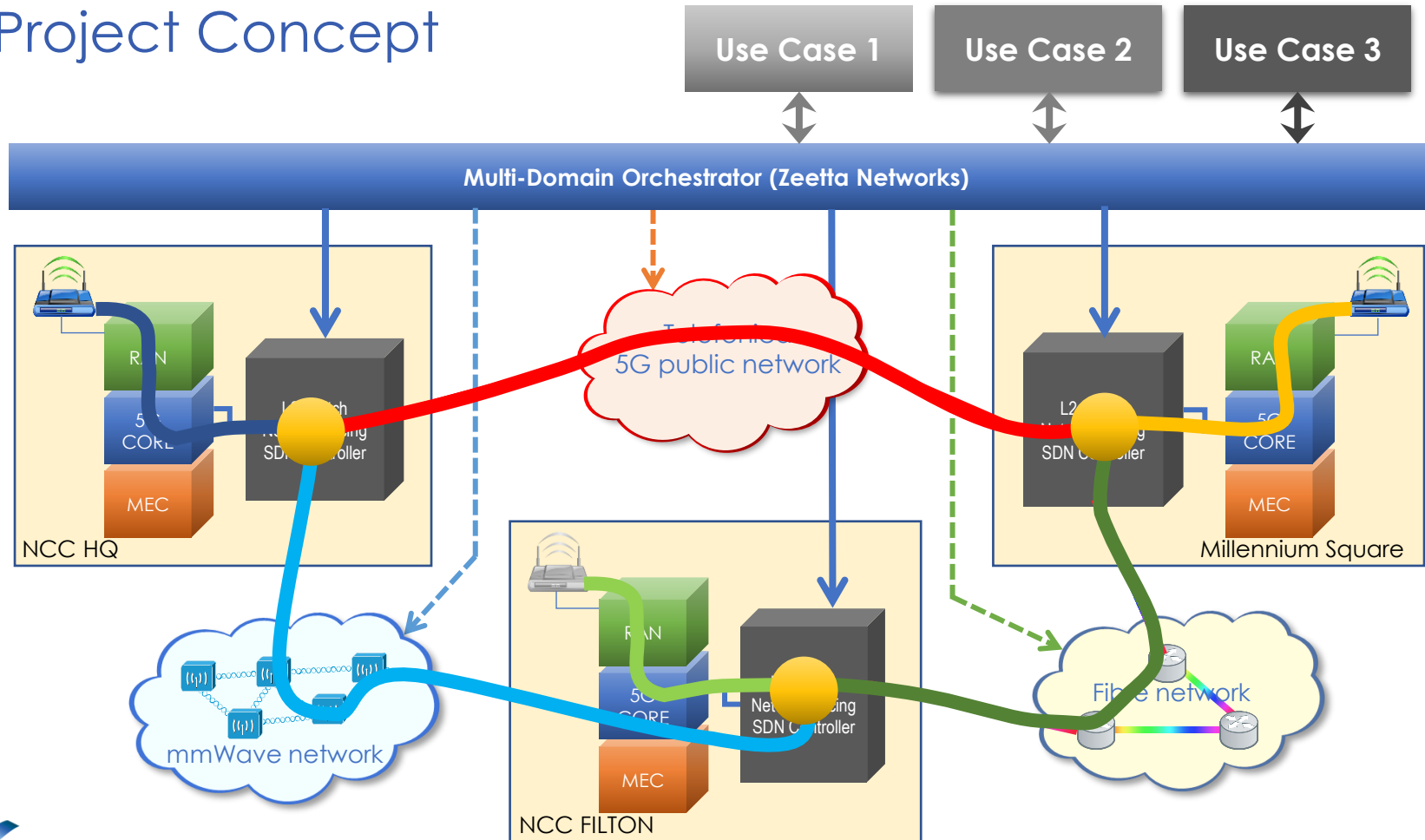
Department for  
Digital, Culture,  
Media & Sport



# Project Partners and Supporters



# Project Concept





# Zeetta's Products used in 5G-ENCODE Project

- **NetOS®** is an SDN-controller and single-domain orchestration platform that is commercially available
- A deployable private network solution, **NetOS Rapide™** will be used to provide the private 5G network and Layer-2 network slicing
- **Multi-domain Orchestrator (MDO):** Extends the capability of NetOS to a multi-domain environment



# Get In touch

## The 5G-ENCODE Project Office



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A photograph of an industrial robotic arm in a factory setting. The arm is white and black, with a blue cap on its end effector. It is positioned in front of a large, white, curved structure, possibly a part of a machine or a container. The background shows a factory floor with a white ceiling and some equipment.

Thank You