

FOCUS GROUP ON AUTONOMOUS NETWORKS (FG-AN)

FG-AN-I-156

Original: English

Question(s): N/A Virtual, 3-5 November 2021

INPUT DOCUMENT

Source: University of the West of Scotland

Title: Intelligent Network Applications (NetApps) over 5G and Beyond Networks

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Keywords: Automation, Closed loop, AI/ML, Network Applications (NetApps), network slicing,

PoCs

Abstract: This contribution focuses on a use case study associated with an EU project 5G

INDUCE for a potential Proof-of-Concept (PoC) and/or technical recommendation: Edge intelligence for vertical network applications (NetApps). This use case deploys Virtualised Network Functions (VNFs) across network segments to create intelligent services for vertical businesses. The highlighted scenarios include intruder surveillance and corrosion detection in industrial premises, with preliminary

prototyping implementation and experimental results presented.

[[please see attachment]]