

CNFs and VNFs in Cellular Telephony Packet Core: Pre and Post Covid19 Analysis

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Abstracts

Core VNFs, or vEPCs are fast becoming the norm. A significant improvement from their outlier status in comparison with conventional network switches a few years back. Admittedly, the role played by LTE use-cases has been very useful for firmly establishing the Core VNFs. The status of VNFs faces imminent threat from the emergence of its sleeker and agile successor in the form of CNFs. It helps that 5GC is poised to cloud native in the SA version. Core lends itself very favorably to microservices. Consequently Insight Research forecasts that Core CNFs will reach within striking distance of the \$1 billion dollar revenue mark by 2025, notwithstanding the shock of 2020.

Chapter 1 is the Executive Summary (Available for Download)

Chapter 2 compares and contrasts the origins, morphologies and features of the principal actors in this report – CNFs and VNFs.

Chapter 3 places VNFs and CNFs in the realms of the network functions covered in the report – the core.

Chapter 4 highlights, analyses and chronicles the CNF and VNF-related initiatives of the most important stakeholders – the telcos

Chapter 5 identifies and categorises the vendors or solution providers; and analyses their initiatives in the context of the network functions covered.

Chapter 6 covers the quantitative forecasts in providing ringside as well as inside views of the VNF and CNF markets for the core by breaking them along morphology,

geographical region, deployment methodology, hosting mode, end-user and application criteria.

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