



Revolutionizing the concept of building Broadband Networks!



VNC vCore MICRO LTE Network



Virtualnetcom's fully Virtualized vCore (LTE Core & IMS network) offering revolutionized the industry - Miniaturized the entire LTE Communications suite onto a 4x4" Hardware Platform

3GPP, Fully Virtualized, Industry's most powerful & flexible LTE Core Network

Based on Revolutionary vCore-MICRO architecture (Patent pending)

Full Featured 3GPP Rel10 roadmap to Rel12 & 13HSS& PCRF integrated Full Suite of IMS integrated. Enables Local VoLTE Voice & Video Communications in the absence of Backhaul

Features & Benefits

- ✓ Fully Virtualized -vCoreEdge Cloud
- ✓ 3GPP Rel. 10, Roadmap to Rel. 12 & 13
- ✓ Full Featured-Components: MME, S GW, PGW, HSS, PCRF& Fully integrated management EMS
- ✓ Full Suite of IMS Integrated -optional virtual component
- ✓ 100 to 10k Users on VNC MICRO Hardware Platform & up to 300K on Server Platform -With Multiple VMs -Solution scalable to Million users
- ✓ Supports Multiple eNBs
- ✓ Supports 3GPP interfaces S1-MME, S1-u, S6a, S13, S11, S5, S10, S3/S4 and more
- ✓ Runs on Battery power
- ✓ Interoperate with major OEM eNBs-LTE radio base stations

vCoreRoadmap (aligns with 3GPP releases)



Hardware Specifications

vCore: decouples from custom hardware

Example Micro Hardware Platform: Intel i5/i7
Size: 4x4x2.5" supports 10K users/sessions
Weight: <1lb
Intel i7, Dual/Four Core, 32 GB RAM
225 GB to 1TB SSD, 12-24 V DC
vCore can be installed on customer specific hardware



All products manufactured in the U.S.A