



## OPEN VIRTUAL RADIO ACCESS NETWORKS – SEPTEMBER 2023

The skeptics and open RAN/vRAN detractors are wrong, open RAN/vRAN is slowly but certainly attacking the RAN world as we know it



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## Abstract

This report takes a deep dive into the virtualization and disaggregation of radio access networks and analyzes the various schools of thoughts ranging from basic virtualization of RAN functions (vRAN) to new open architectures such as open RAN, following the TIP initiative and the O-RAN Alliance specifications, designed to cut the dependency on proprietary RAN equipment supplied by the traditional vendors. The vRAN segment is taken from our existing RAN size and forecasts and broken down by 2G/3G/4G versus 5G, as well as by vCU/vDU and RU for each region, and also looks at the potential for indoor DAS replacement. The report covers a wide emerging ecosystem of vendors.