



EDGE Q  
5G WITH AN **EDGE**

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ADIL KIDWAI | VP OF PRODUCT MANAGEMENT



THE TEAM THAT POWERED THE MOBILE FIRST REVOLUTION

EXPERIENCED  
MANAGEMENT TEAM



VINAY RAVURI  
CEO | Founder

VP Product Management  
Qualcomm



ADIL KIDWAI  
Head of Products

4G/5G & AI Architecture  
Intel



HARI GANGADHARAN  
Head of Silicon Engineering

4G/ 5G SoC Engineering  
Intel, Qualcomm, & Broadcom

200+  
EMPLOYEES



20+  
AVG YEARS OF  
4G/5G + AI  
EXPERTISE

\$77<sup>M</sup>  
RAISED



POWERING INDUSTRY’S MOST ADMIRED BRANDS



LAUNCHED INDUSTRY’S LEADING PRODUCTS

50<sup>+</sup>

SoC Chips Launched

\$100<sup>+</sup>B

Revenue Generated

2B

Units of Modems Shipped



8 GEN OF MODEMS IN ALL APPLE / ANDROID PRODUCTS \*



# EdgeQ 5G + AI Base Station on a Chip

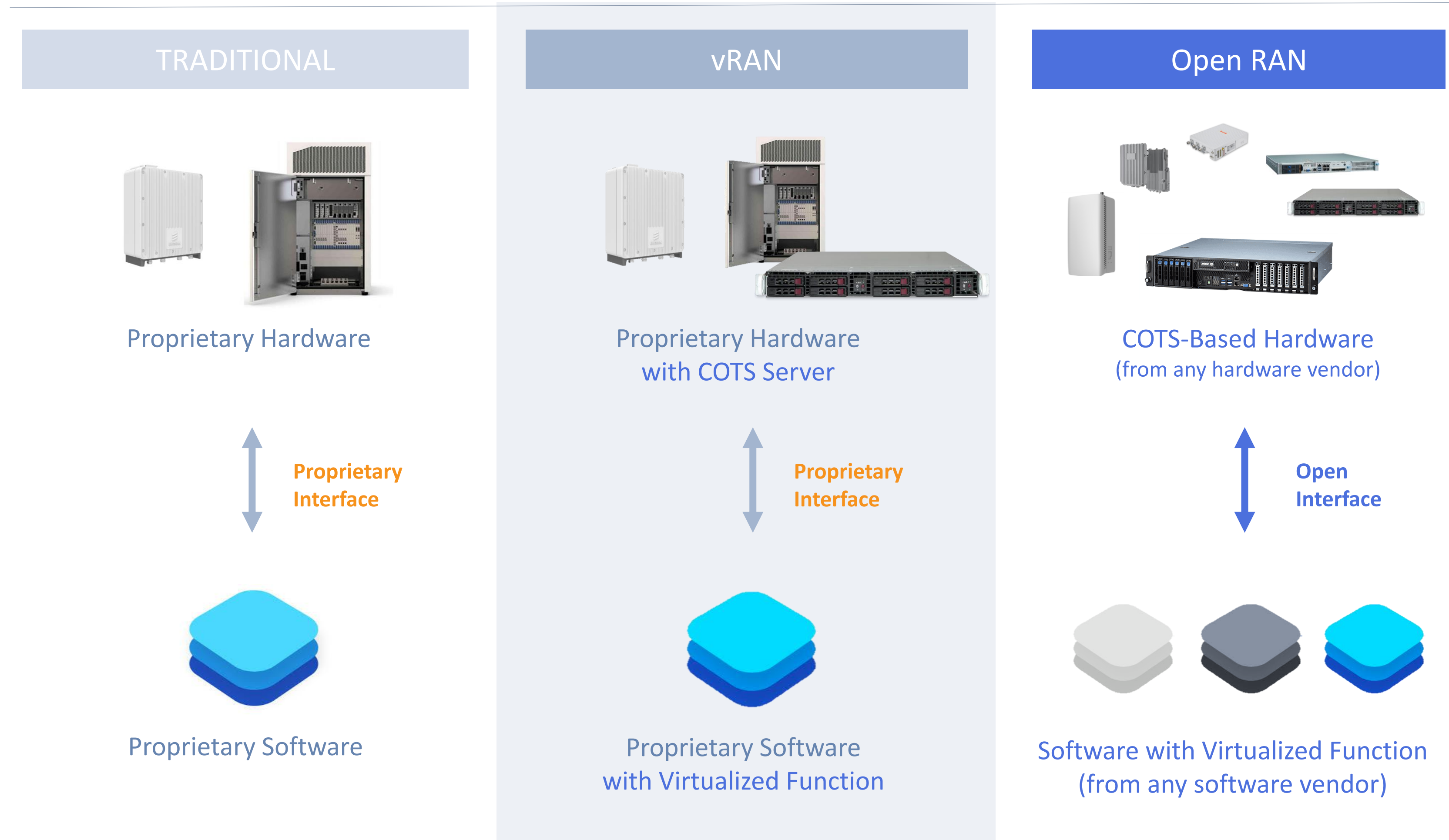
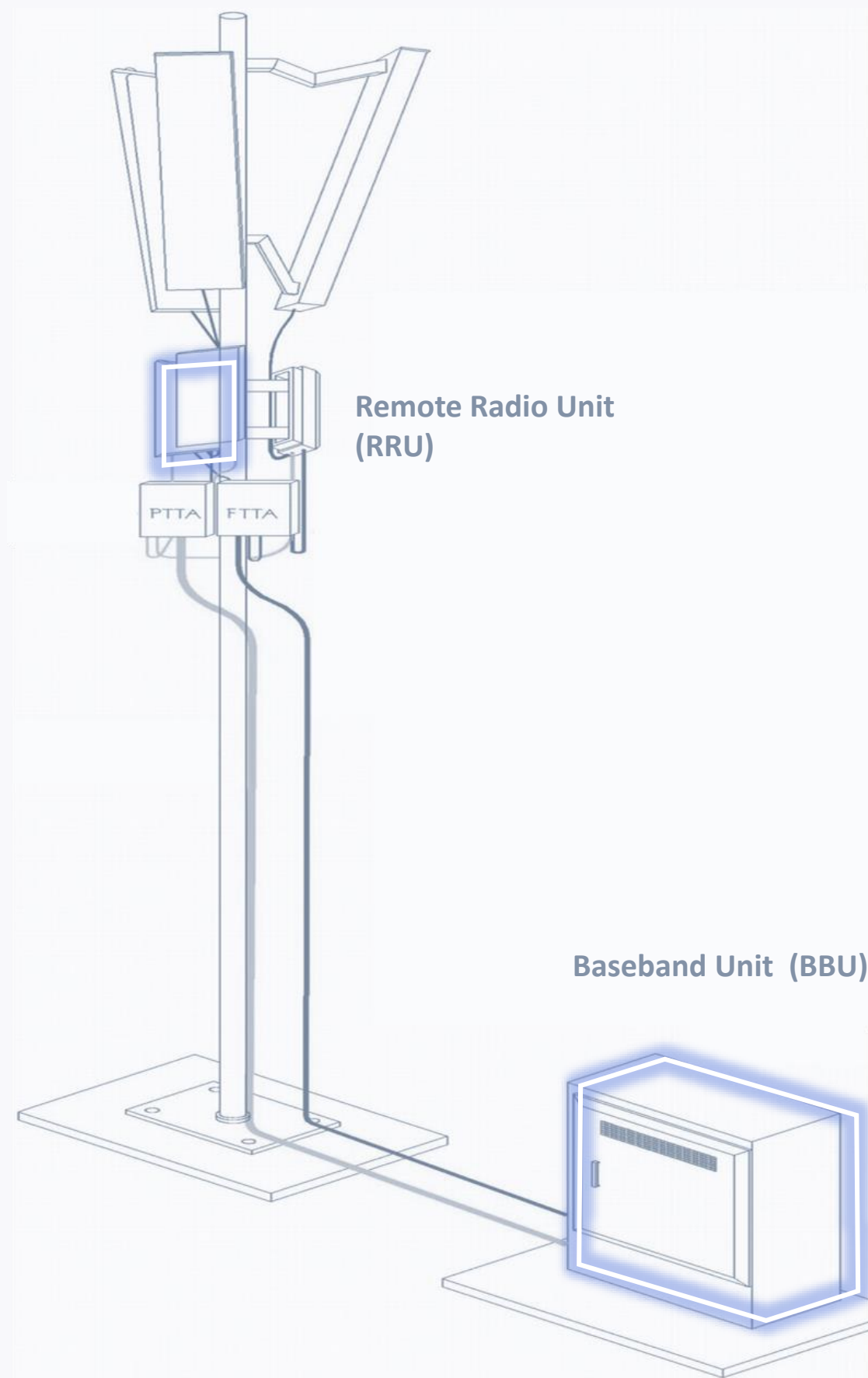
World's First RISC-V Based Wireless Solution



SOFTWARE DEFINED 5G + AI | FRACTION OF THE POWER & COST

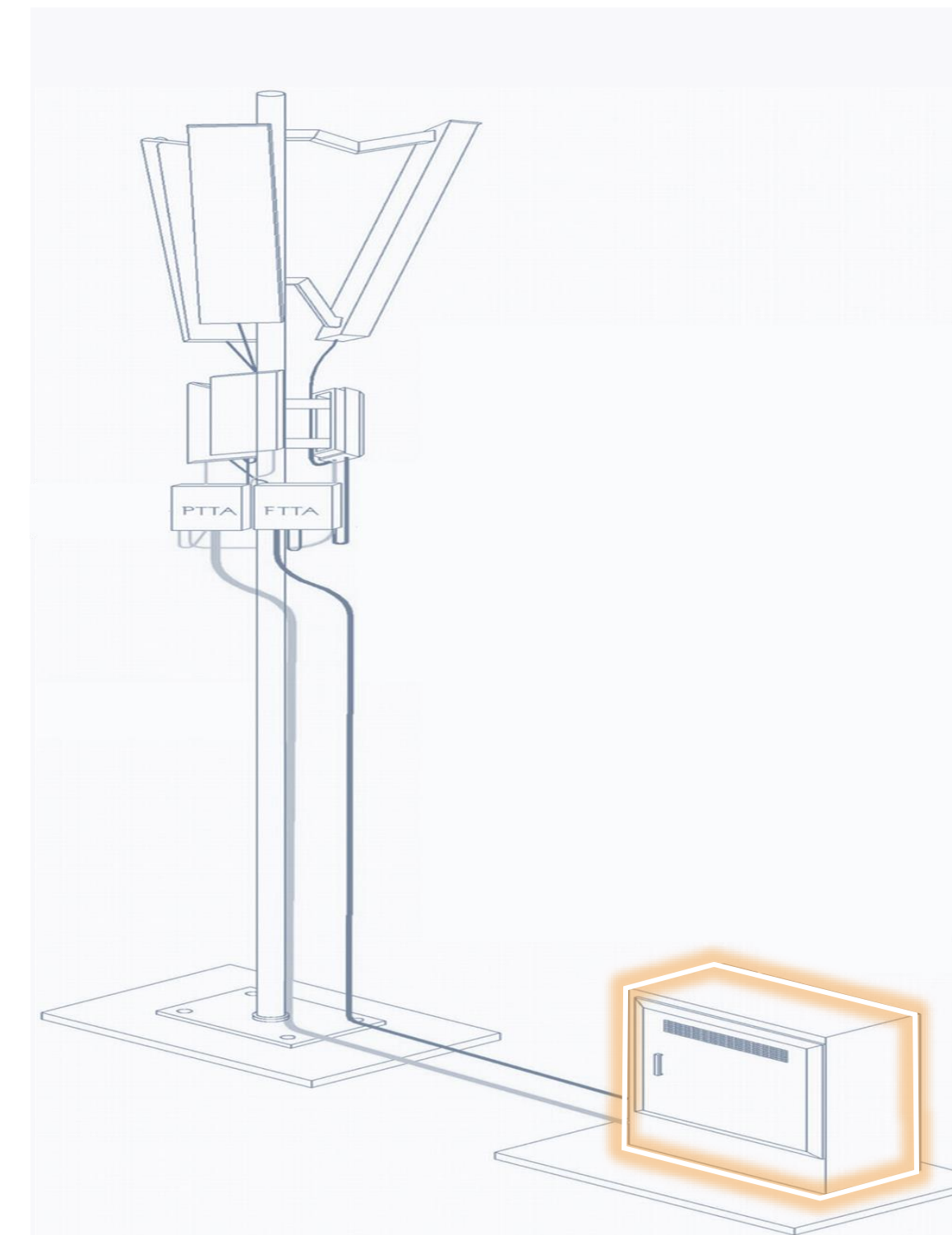
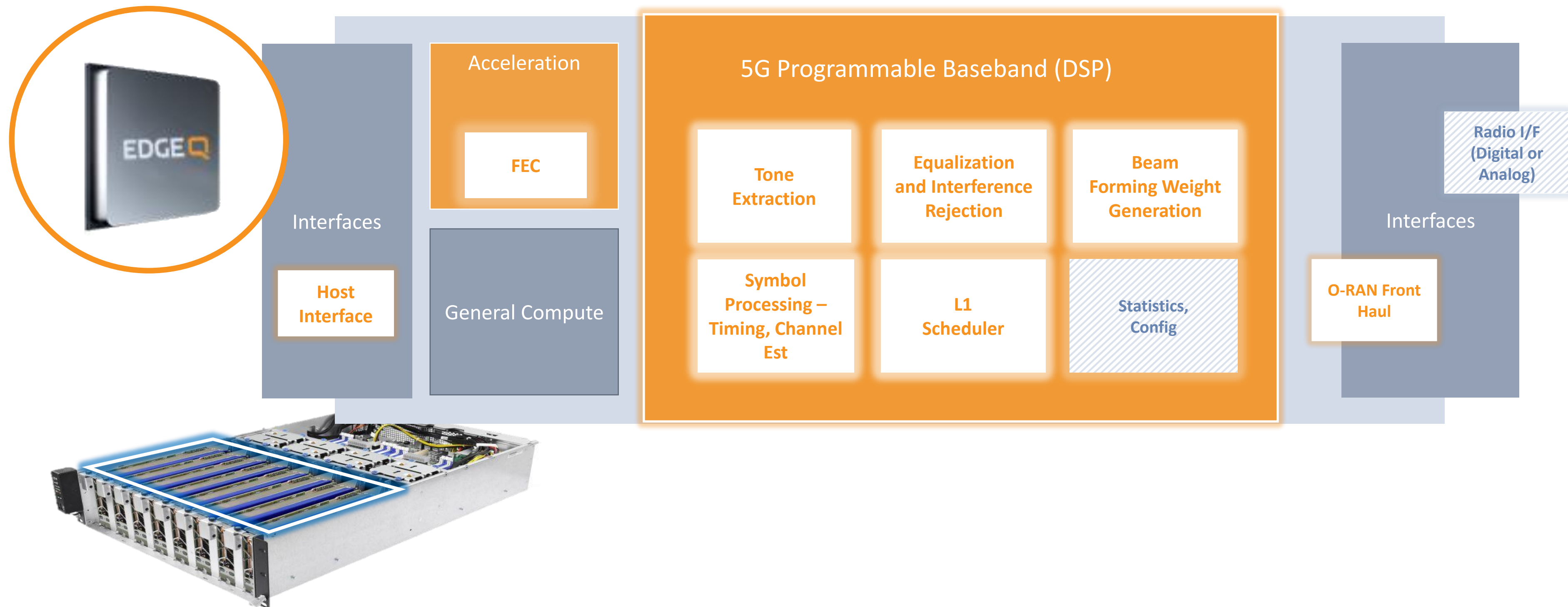
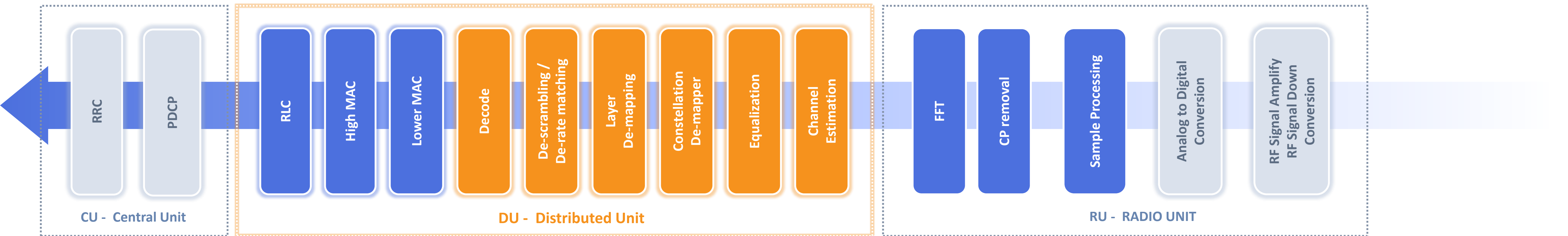


# Progressions of 4G/5G Base Station Architecture



Open RAN = Virtualized Software + Open Interface Hardware

# 5G Physical Layer – DU Implementation



# Key Requirements for Private 5G



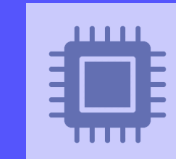
Low Power

Power over Ethernet



CBRS + NRU  
Bands

**3.5-4.5 Ghz**  
(Shared Spectrum)  
+  
**NR-U**  
(5Ghz, 6Ghz)



Integrated  
PHY+NPU+CPU

Single Chip Integration for  
Low BoM  
And Footprint



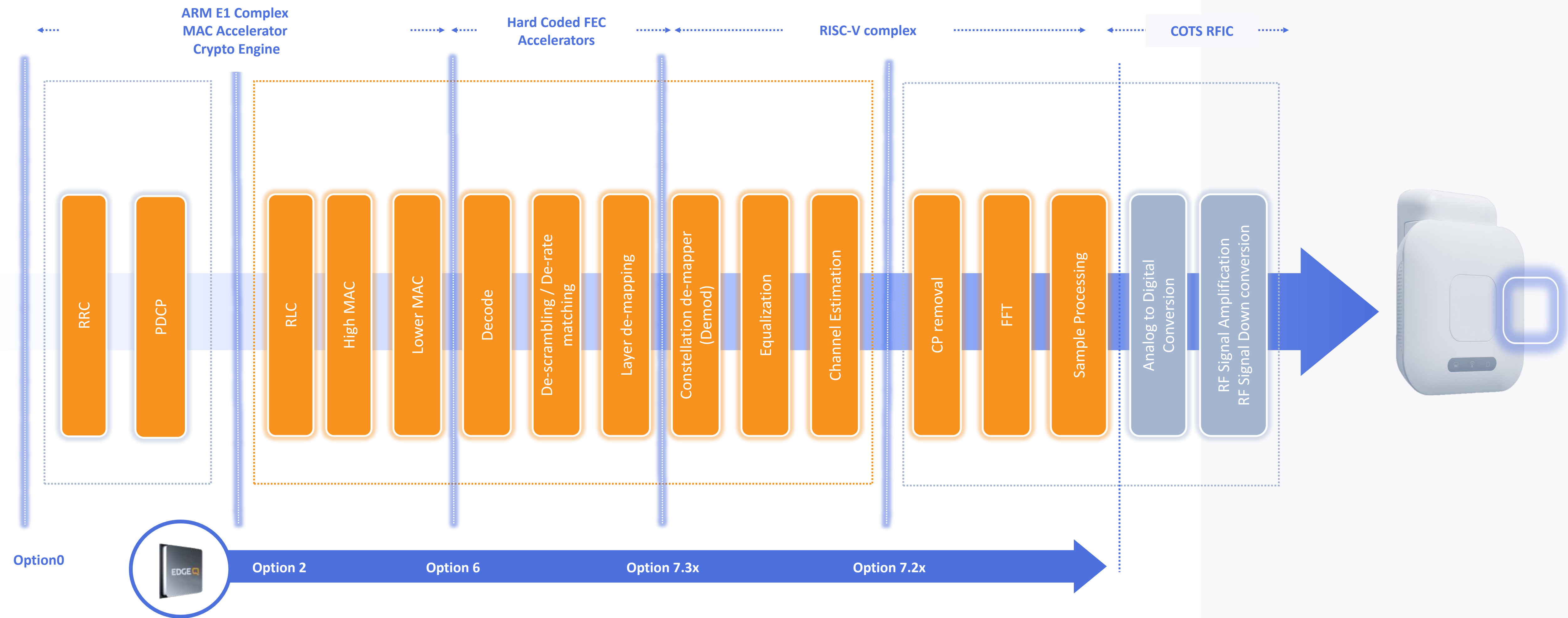
Customer  
Specific PHY

Customizable PHY  
for Different Use Cases

EdgeQ Uniquely Purpose Built for Private 5G



# 5G O-RAN compliant Small Cell Design

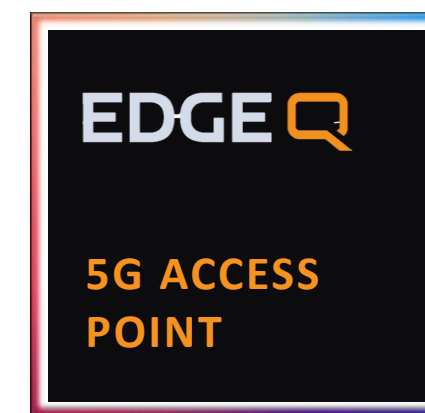
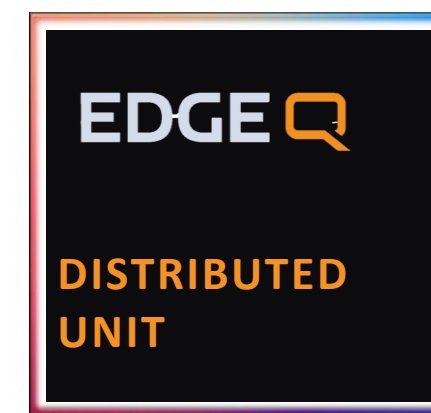


EdgeQ supports All O-RAN Split options for Small Cell

# EdgeQ.

3 YEARS IN THE MAKING.

## One Chip. Numerous Market Play



vRAN / O-RAN Compliant | Software Programmable  
Sub-6 and mmWave | Scales from Small to Macro Cells



# Thank You

EdgeQ.io



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