



Disrupting RAN Infrastructure Models

Open RAN India 2021

June 17, 2021

12%

Open RAN share from
Total RAN in 2025*

*Source: Dell 'Oro

MAVENIR

Open vRAN - Disrupting RAN Infrastructure Models

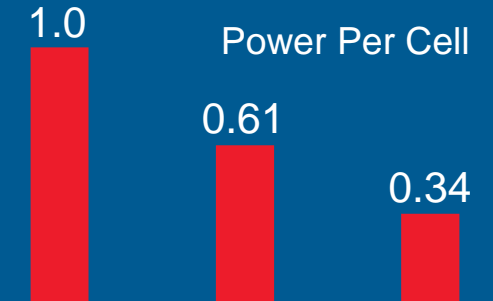
Open vRAN
No Lock-ins

“Open Interface Applications”
on
“Open Market Hardware”

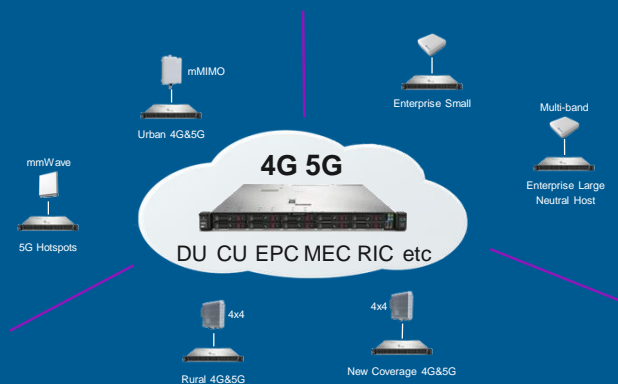
TCO

40% LOWER CAPEX 34% LOWER OPEX

The x86 Effect



Increased Choices



Simple Pricing



No Secrets

Innovation



All it takes is a PC

Mavenir Open vRAN Partners

10+ Radio Partners



Fast System Integration

Server / HW Partners



Open vRAN Focus

Cloud Platforms



Innovation for Scale

4G OpenRAN - Live KPIs

In Challenging RF Environment

LTE MBB and VoLTE

>99%

LTE & VoLTE
Call Setup

100%

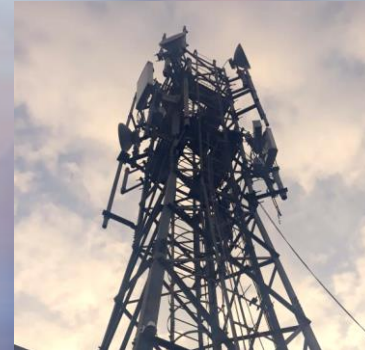
CSFB

<0.5%

LTE & VoLTE
Call Drops

>99%

HO Success
Rate



Mavenir Multi-Standard Open vRAN



Better KPI than Incumbent solutions
Continuous Feature Improvements

4G

5G

NSA
SA
Massive MIMO
mmWave



Multi-standard RAN and Radio
Fully Containerized

2G

3G

Multi-standard RAN
Enables flexibility in spectrum
re-farming



Open vRAN is ready for massive MIMO and mmWave

Mavenir 5G vRAN for mMIMO

- > **True** Open vRAN
- > Tier-1 trials in Europe and US
- > 32T32R / 64T64R
- > Actively working with 4 Radio partners



Mavenir 5G vRAN for mmWave

- > **True** Open vRAN
- > Tier-1 trials with Mavenir radios



What to look forward?



mMIMO

Open vRAN mMIMO deployments with Tier-1 operators globally



Public Cloud

Public cloud for scaled Open vRAN deployments



Silicon

Silicon platform enhancements



mmWave

Open vRAN mmWave first deployments for performance and capacity



Thank **You**