

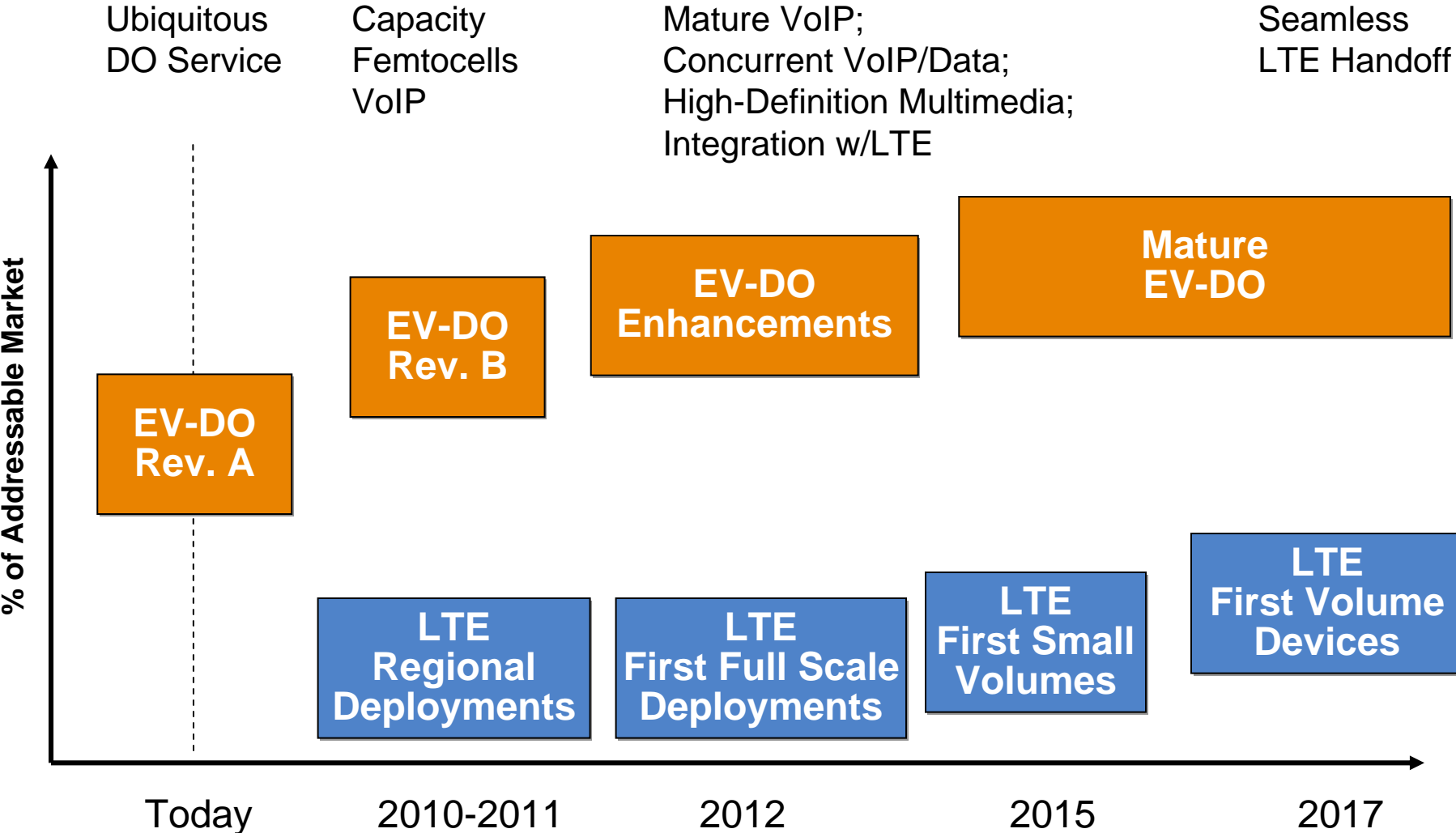
# Evolving Mobile Broadband Focus on Rev. B

**Harjot Saluja**

***Director, Product Management  
Airvana, Inc.***



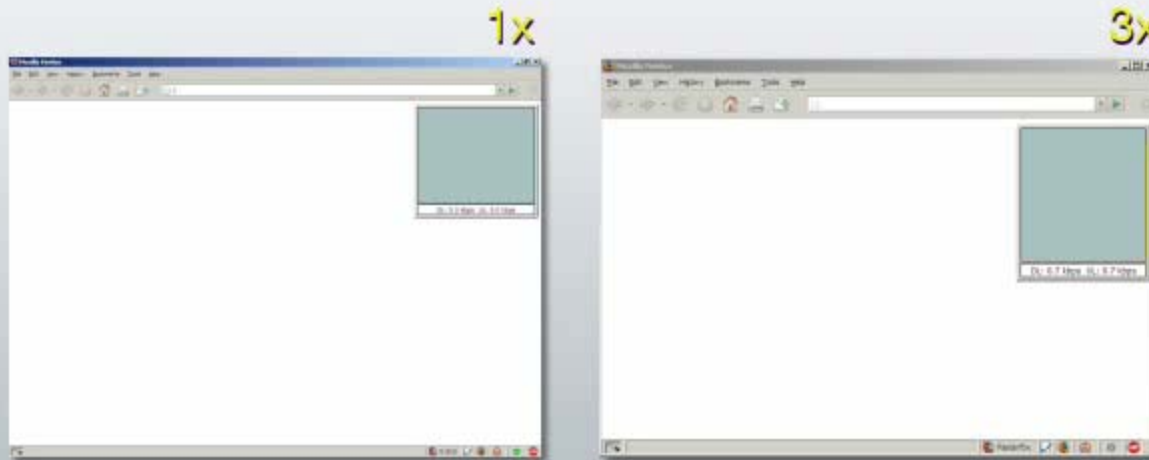
# EV-DO Evolution Periods



# EV-DO Rev. B Summary

---

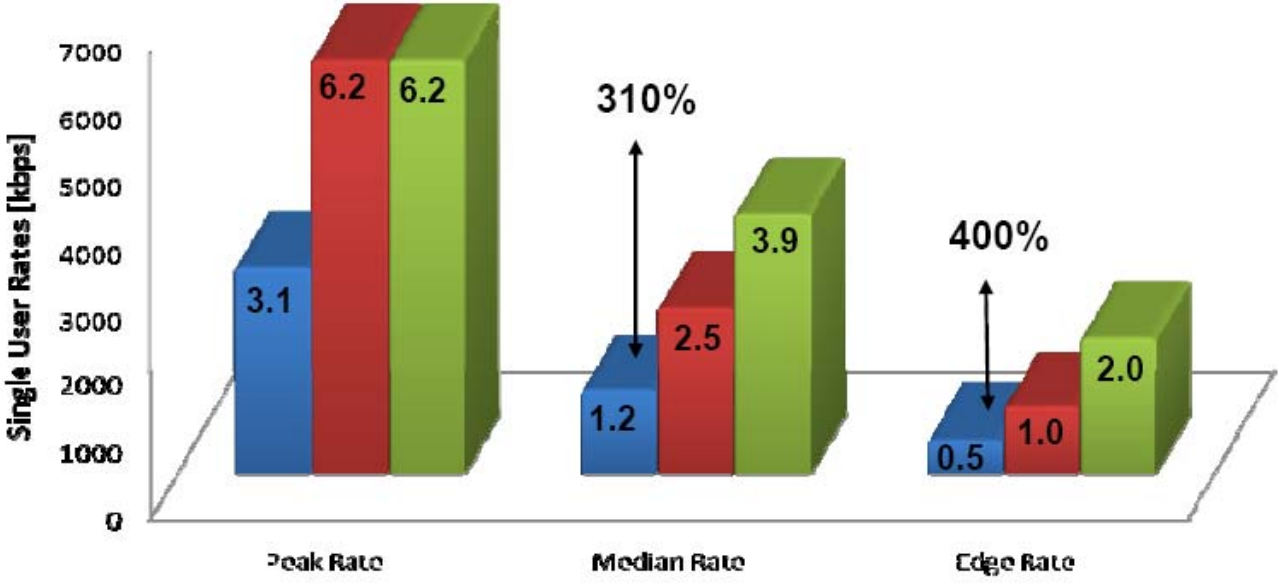
## EVDO-RevB Large Image Download



Airvana

- 2 - 4x Faster
- Software Upgrade
- Hot Spot or Full Network
- Consistent 4G-like User Experience
- Commercial Trial Ready in 2009

# User Data Rate Comparison



- *User rate improvement is better than linear due to lack of adjacent sector interference*

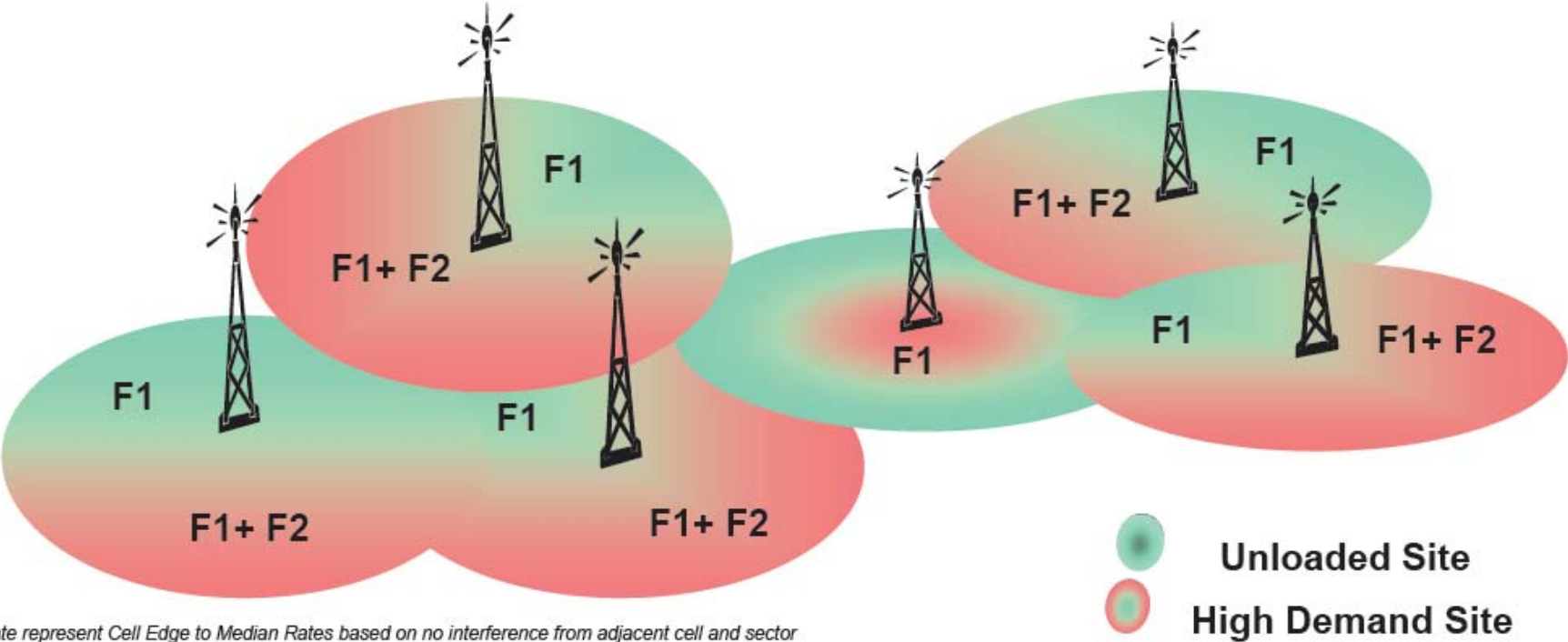
- Single Carrier
- Two Carriers Even Load
- Two Carriers Uneven Load

*Rate represent Cell Edge to Median Rates based on no interference from adjacent cell and sector*

Source: Qualcomm

# Rev. B deployed in hot spot fashion

- Non uniform loading leads to additional user benefits
- Unloaded sectors needs not add 2<sup>nd</sup> carrier



Rate represent Cell Edge to Median Rates based on no interference from adjacent cell and sector

Source: Qualcomm