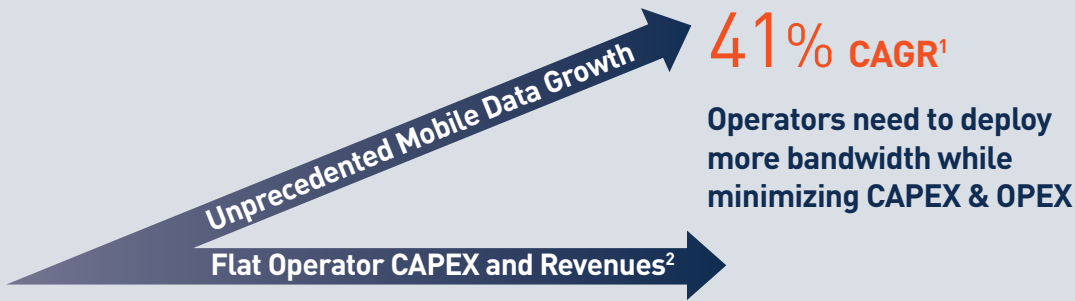


THE MOBILE OPERATOR CHALLENGE

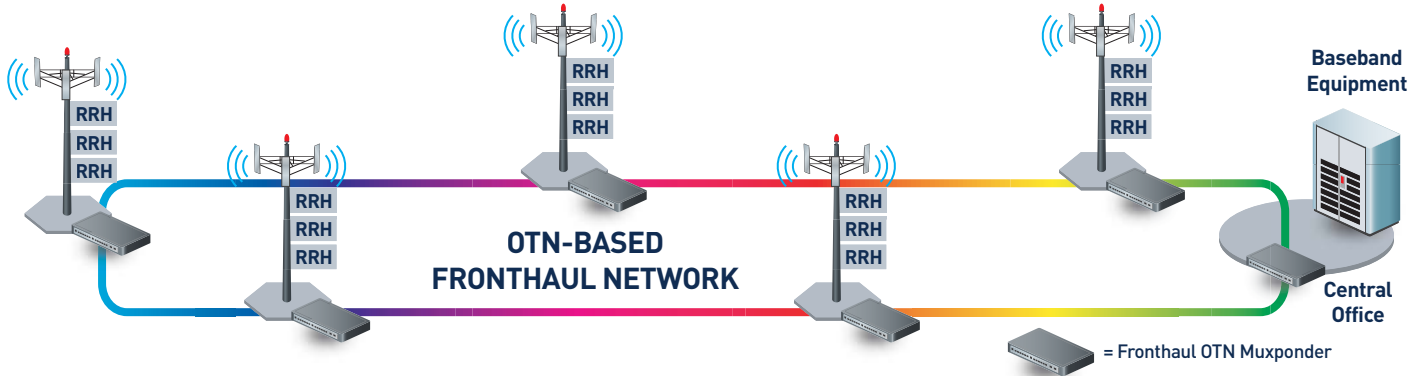


C-RAN IS THE MOBILE OPERATOR SOLUTION

Operators WW evolving **RADIO ACCESS NETWORKS** to Centralized Baseband to minimize CAPEX and OPEX

"Solving the mobile fronthaul networking challenge is the key to enabling C-RAN. As the standard protocol for carrier-grade transport, OTN is a very compelling option, and we're excited to see ecosystem partners like PMC innovating to deliver solutions."

Dr. Chih-Lin I, Chief Scientist of Wireless Technologies, China Mobile Research Institute, CMCC



C-RAN requires a carrier-grade Fronthaul Network to transport CPRI from cell site to central office

OTN ENABLES COST-EFFECTIVE, CARRIER-GRADE FRONTHAUL

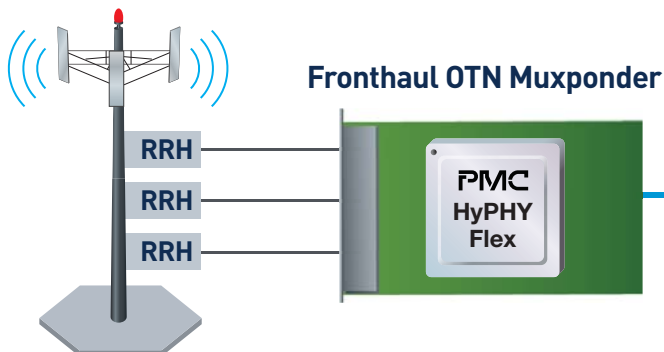
75% FEWER
Costly WDM Optical Modules

4X
Fiber Efficiency

THE OTN ADVANTAGE

- Carrier-grade demarcation, OAM, and fault isolation
- Multiplexes several CPRI into a single wavelength
- Scalable
- Standards-based and familiar to carriers

PMC SOLVES MOBILE FRONTHAUL WITH OTN



THE PMC ADVANTAGE

- Meets 3GPP and CPRI performance specs
- Up to 75% margin to CPRI jitter spec
 - Optimized, low latency mapping and multiplexing
 - Latency equalization with nanosecond granularity

For more information, read the whitepaper at www.pmcs.com/fronthaul

CONTACT: fronthaul@pmcs.com | blog.pmcs.com | @pmcsierra

1. Ericsson Mobility Report. Ericsson. Retrieved: Dec. 9 2014 <http://www.ericson.com/ericsson-mobility-report/>

2. The Mobile Economy 2014. GSMA Intelligence. Retrieved: Dec. 9 2014 http://www.gsamobileeconomy.com/GSMA_ME_Report_2014_R2_WEB.pdf/