

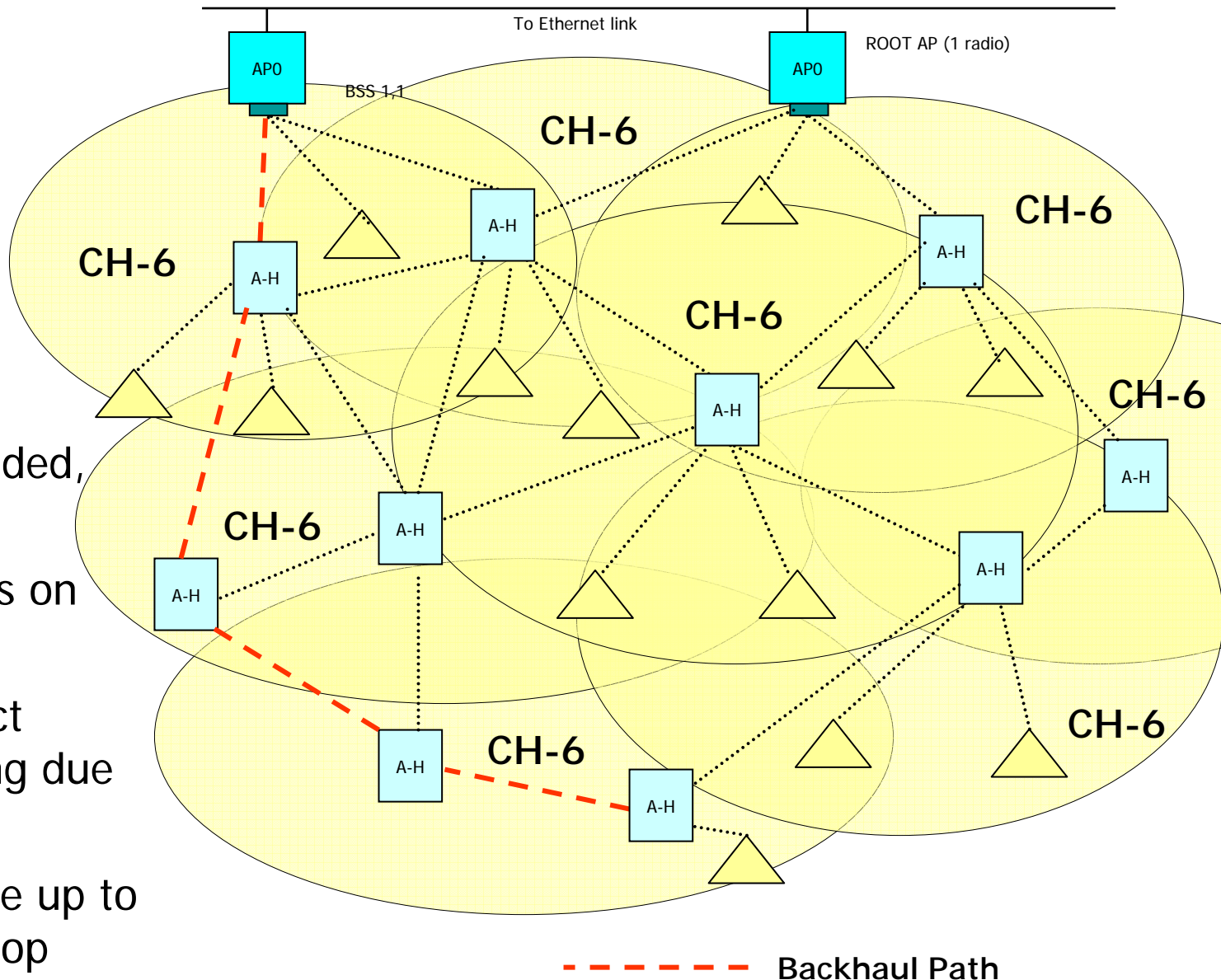
MeshDynamics

www.MeshDynamics.com

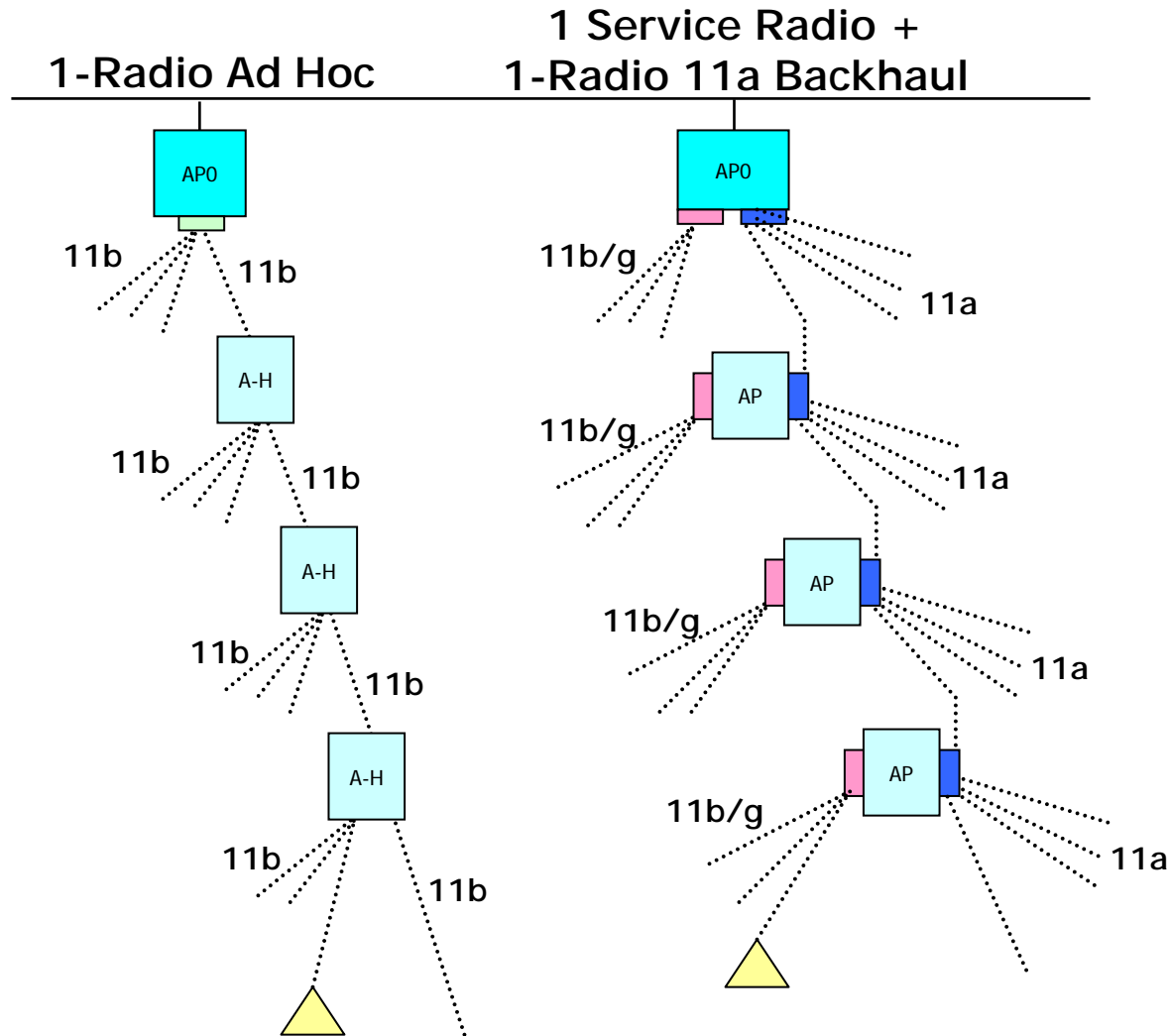
Francis daCosta

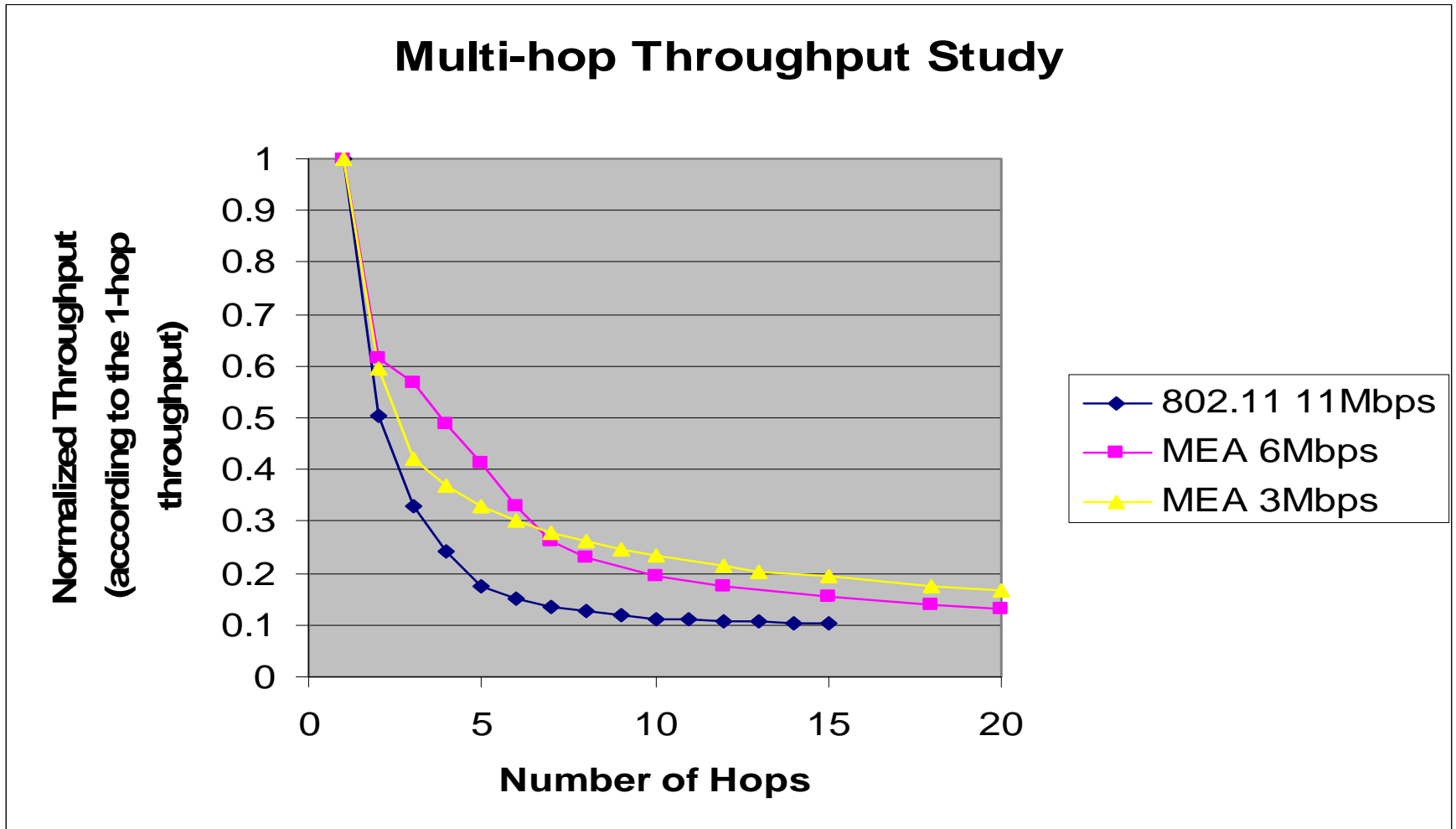
Fdacosta@meshdynamics.com

Conventional Wireless "Ad Hoc" Mesh

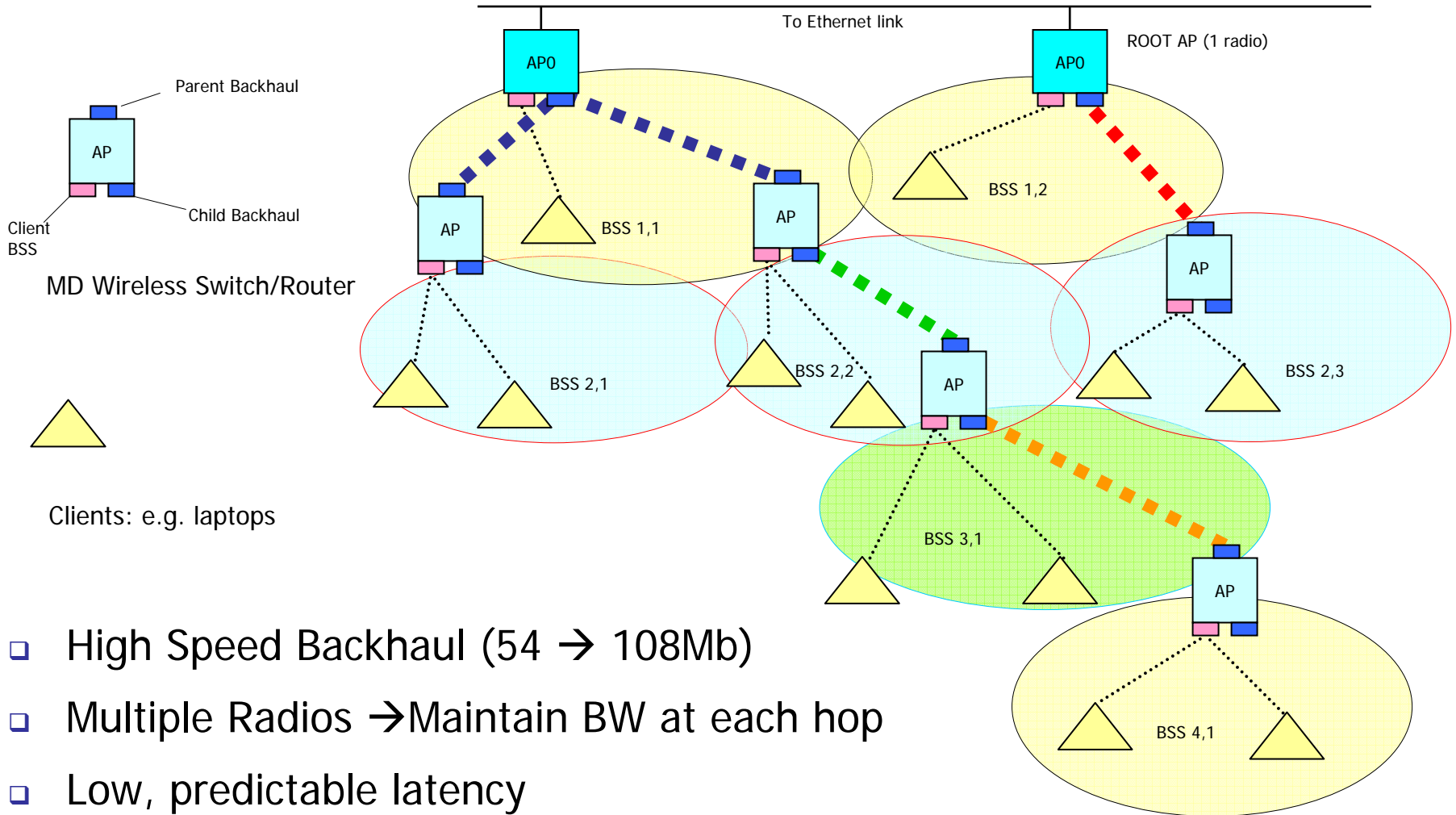


- ❑ Range is extended, but...
- ❑ All Relay Nodes on SAME channel
- ❑ Channel conflict prevents scaling due to contention
- ❑ 1-Radio → Lose up to 50% BW per hop



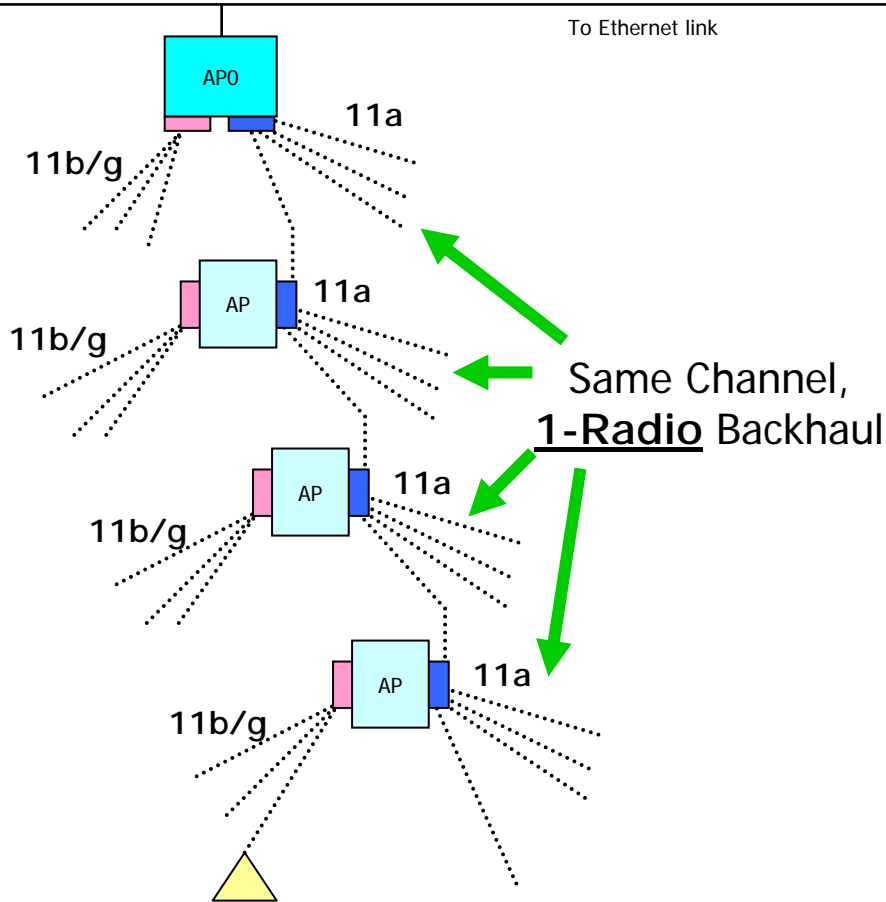


Source: MeshNetworks® Presentation by Rick Rotondo, Mesh Conference, Oct 20, 2004, San Francisco

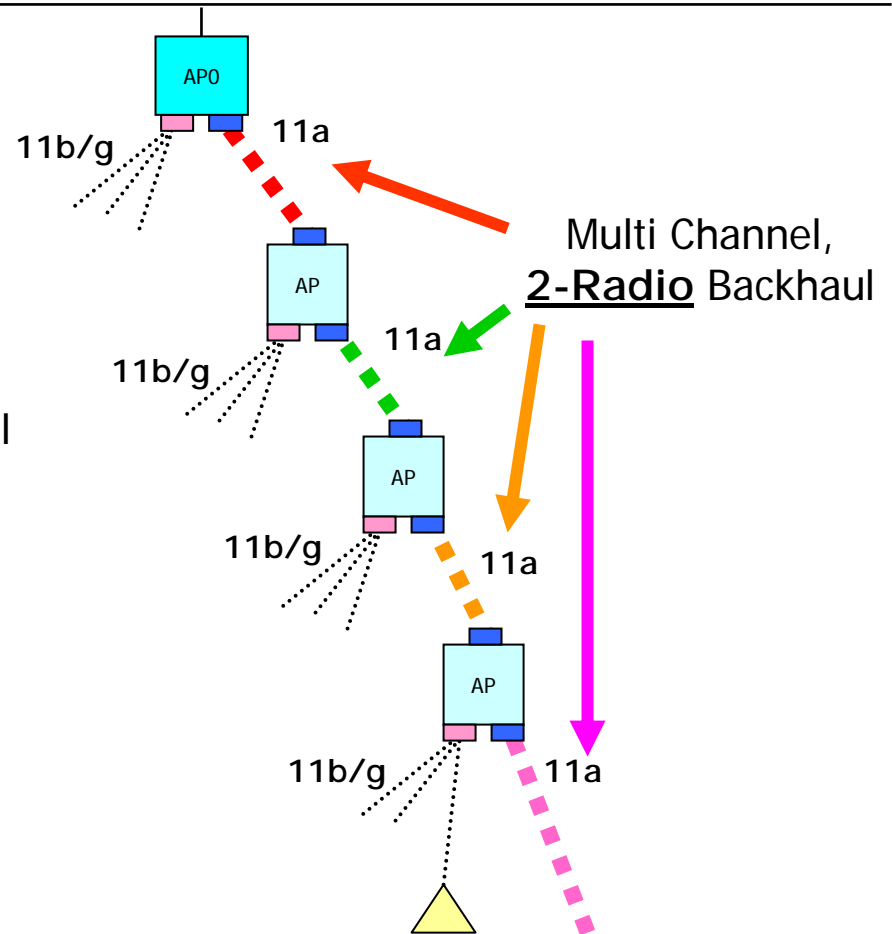


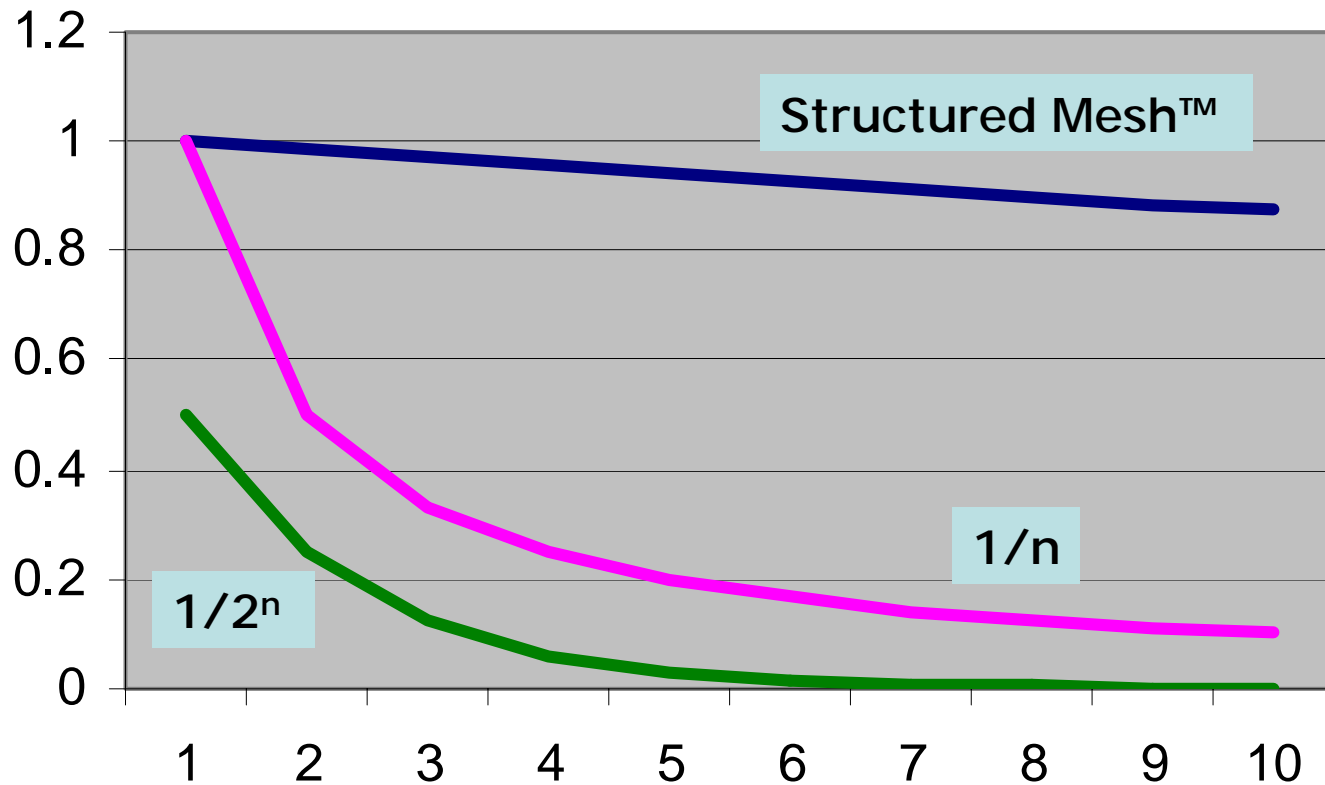
- ❑ High Speed Backhaul (54 → 108Mb)
- ❑ Multiple Radios → Maintain BW at each hop
- ❑ Low, predictable latency
- ❑ Emulates Wired Switch Stack

1 Service Radio + 1-Radio 11a Backhaul



MeshDynamics 3-Radio with 2-Radio 11a Backhaul





Validated in Laboratory tests for Structured Mesh™ - demonstrable on request.

Seeing is Believing!

- *Ask to see live demos of 2 and 3 radio systems*
- *Allow us to validate bandwidth and latency claims.*
- *Show Performance Analysis developed for USAF.*
- *Write: fdacosta@meshdynamics.com*