ACCESS

Achieving abundant connectivity through partnerships

CRAIG BARRATT
Senior Vice President

History of SDN & Virtualization at Google

Used at scale in our production datacenters and backbone networks
Eg, Maglev, Jupiter, Andromeda, B4

Access initiatives underway

Residential

Mobile

Enterprise

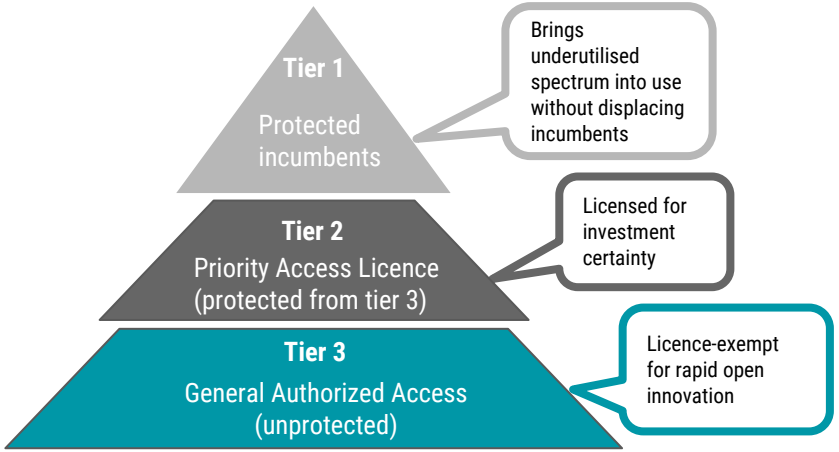
Residential

Mobile

Project Loon

- Meeting unique needs of mobile base stations
- Partnering with service providers to provide service to their subscribers

Enterprise



Simplifying running Wi-Fi networks

Managing Wi-Fi across Google offices

Providing Wi-Fi across 100 railway stations

Working to simplify deployment and operation for SMBs

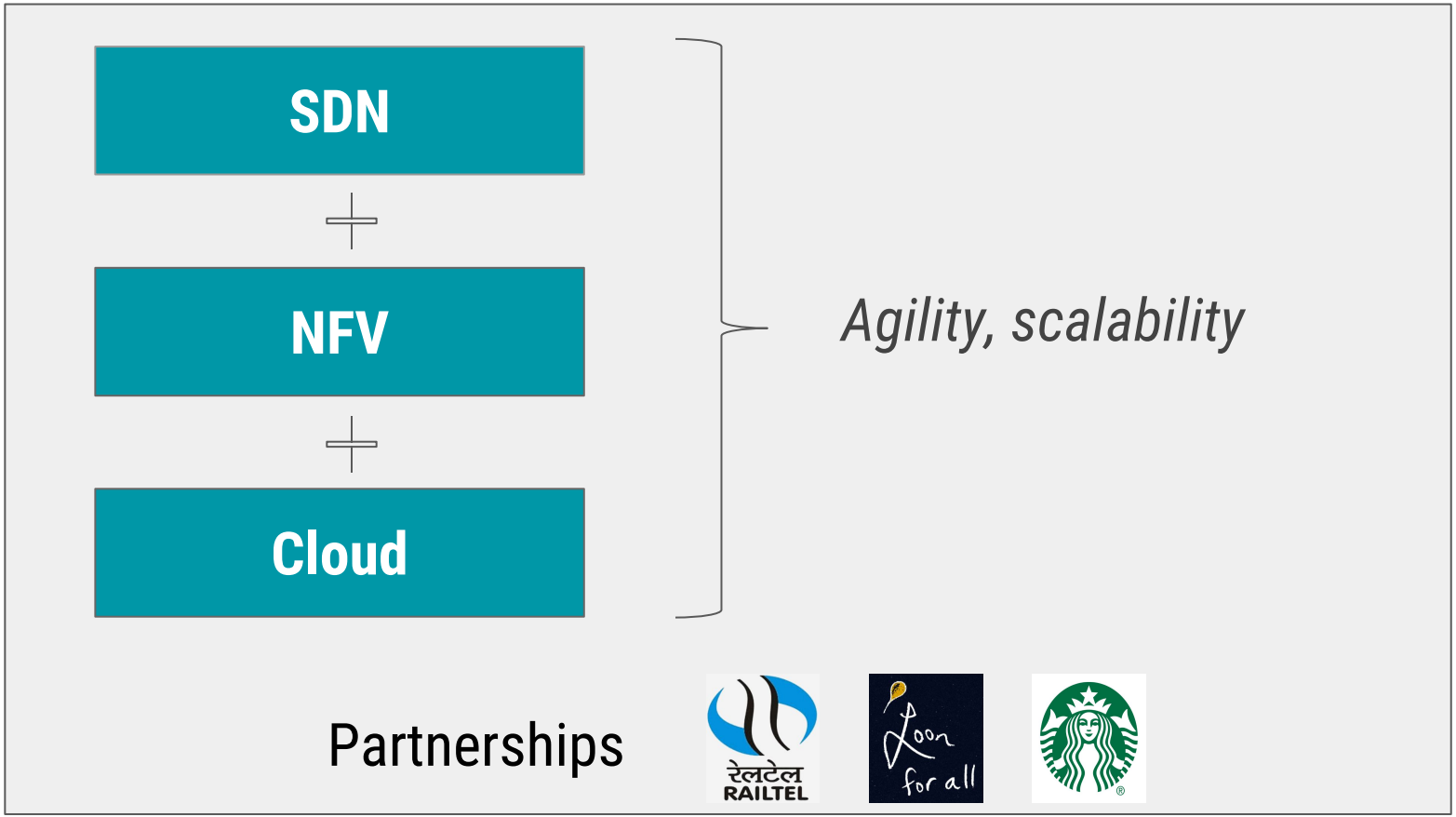
… and Small Cells. Opening up spectrum

Spectrum Access System to manage spectrum allocation

Well suited for large scale small cell deployments

Enabling MNOs to extend their services on these networks

Common underlying themes



A shared vision

Bringing benefits of SDN, NFV, Cloud through partnerships to access networks of the future

Share & learn

OA&M APIs

APIs for Application ↓↑ Network

Strengthen community


Thank you