Bicsi®
ENDORSED EVENT

ICT SUMMIT COLOMBIA 2024

Explorando Inteligencia, Digitalización y Sustentabilidad para el Futuro del ICT.

MAYO
MARTES 28 Y MIÉRCOLES 29
Agora Bogotá Centro de Convenciones
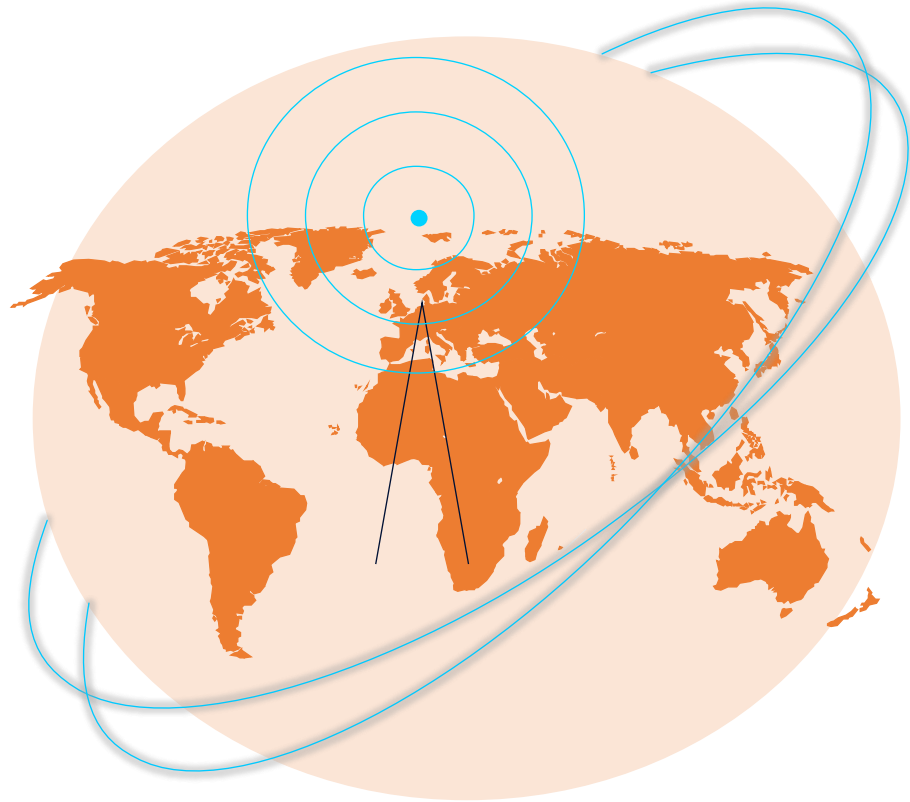Bogotá | Colombia

ORGANIZA:
LATAM RED

Enabling the Neutral Host Model for FTTH

Alejandro Paez

LAT Product Support & Technical Strategy

NOKIA

Worldwide momentum for fiber broadband

Trend #1

Gigabit broadband is a reality

- >450 Gigabit networks
- >90 multi-Gigabit networks

Trend #2

The world is going 5G but 5G is going fixed

- Enhance coverage
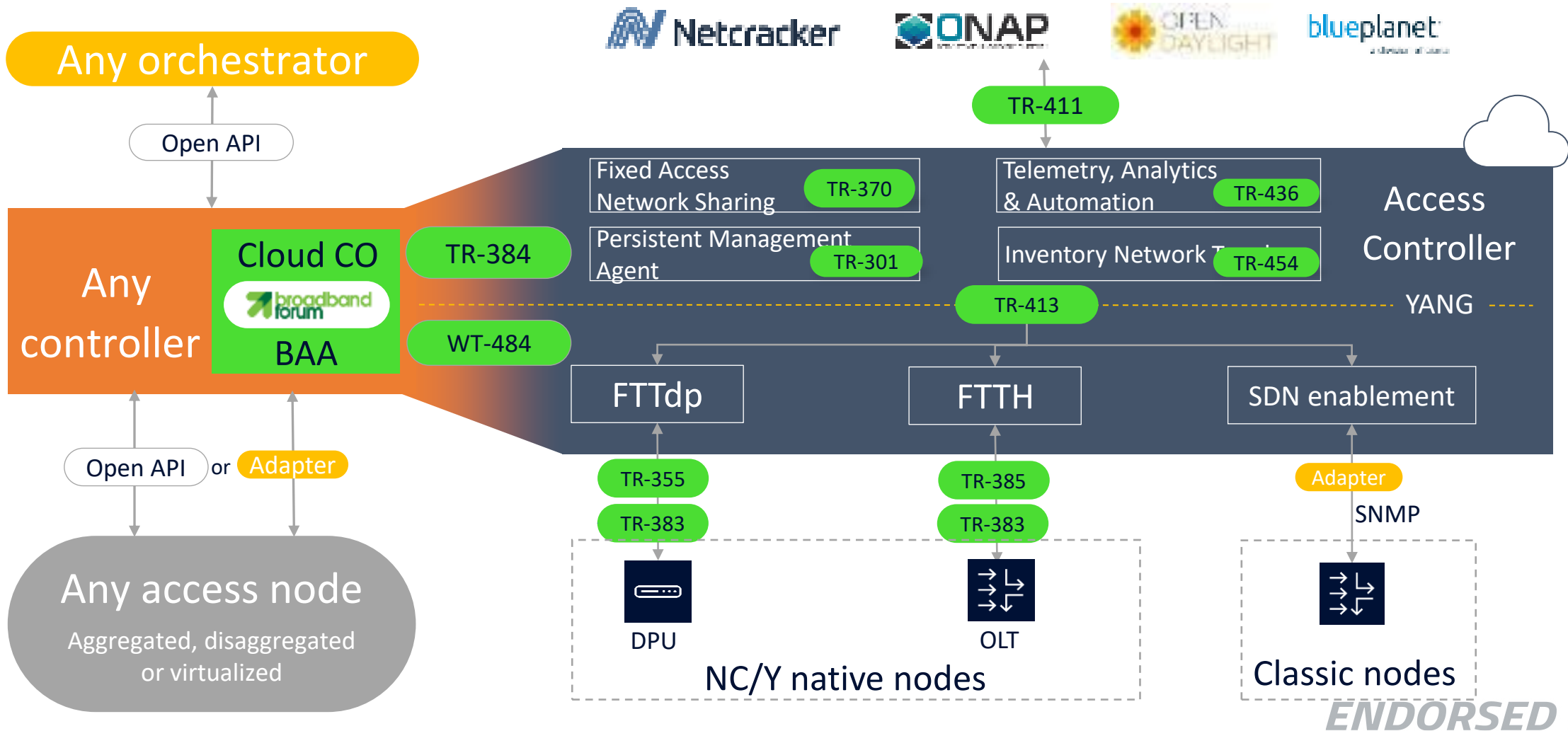- Decrease 5G deployment cost

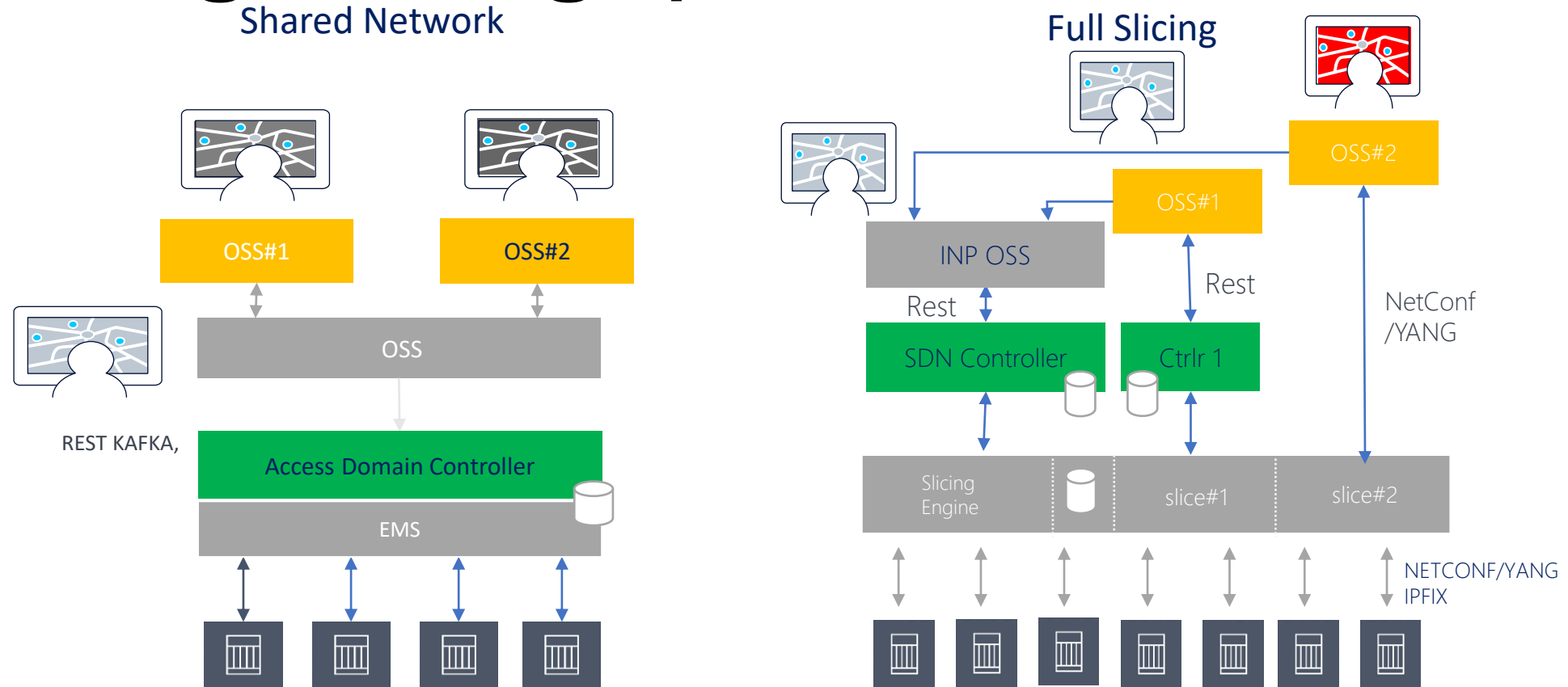### Trend #3

New digital behaviour during pandemic

- 60% overall Fixed Network traffic increase
- NG Fiber upgrades will happen 3 years sooner than expected

Cloud CO ensures cloud control for any access node

Cloud CO specifications

Netcracker   ONAP   OPEN DAYLIGHT   blueplanet

Any orchestrator

Open API

TR-411

Any controller

Cloud CO

broadband forum

BAA

TR-384

WT-484

| Fixed Access Network Sharing | TR-370 | Telemetry, Analytics & Automation | TR-436 |
| Persistent Management Agent | TR-301 | Inventory Network ~~Tracking~~ | TR-454 |

Access Controller

YANG

TR-413

FTTdp   FTTH   SDN enablement

Open API or Adapter

TR-355   TR-385   Adapter

TR-383   TR-383   SNMP

Any access node
Aggregated, disaggregated or virtualized

DPU   OLT

Classic nodes

NC/Y native nodes

Bicsi
ENDORSED EVENT

Sharing / Slicing options

Why Neutral Host Model?

- Fiber for everything and everyone expand network capacity

- One fiber for all Service Provider reduce fiber investment cost.

- BBF recommended SDN-based FANS for provide a full neutral host environment