

A grayscale photograph of the Golden Gate Bridge in San Francisco, viewed from a low angle looking across the water. The bridge's towers and suspension cables are prominent, with the city skyline and hills visible in the background under a cloudy sky.

The Power and Promise of Netsia BB Suite in Modern Telecoms

ONF Broadband Meetup
19.10.2023

The Challenges

THE **NEED** FOR FIBER EXPANSION

Fiber is essential for 5G expansion, and **FWA cannot replace FTTx** solutions either. A **comprehensive fiber rollout is key to ensuring future-proof sustainability** in the evolving digital landscape..

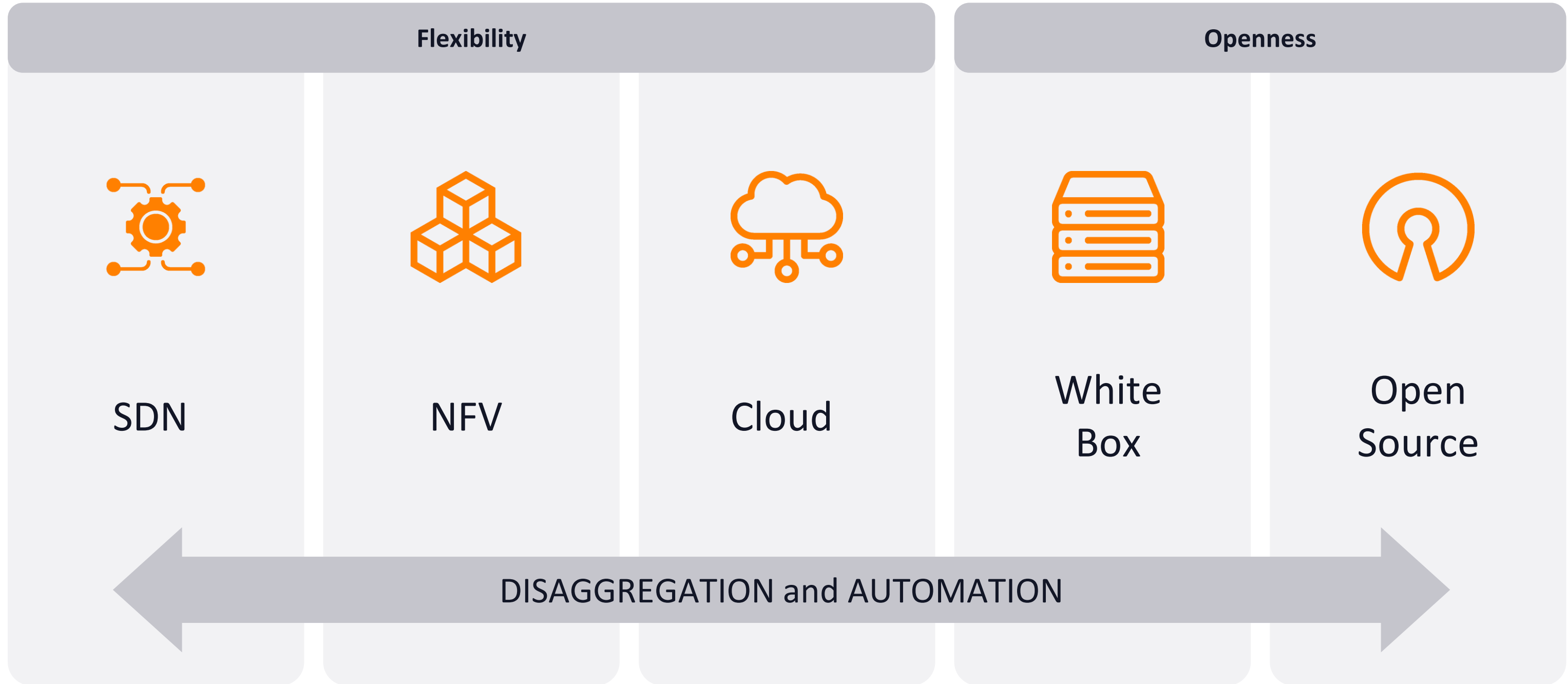
SUPPLY CHAIN **DISRUPTION**

Obtaining the necessary equipment has become challenging due to multiple crises, such as the global **chipset shortage**.

VENDOR **LOCK-IN**

Adding new vendors is difficult, time-consuming, and costly. Reliance to only existing vendors creates **vendor dependencies**. Additionally, interoperability constraints intensify **inventory fragmentation**.

Telecom Trends



NETSIA

Broadband Suite

a **CLOUD-NATIVE** and **MULTI-VENDOR**

field-proven **FIBER BROADBAND** platform

based on **Open Interfaces and Standards.**

Netsia BB Suite The 3 Principles



OPENNESS

Enable **collaborative** improvement with **modernized architecture**, and **avoid being hindered** because a specific capability isn't available from a legacy vendor.



CLOUD NATIVE

Incorporating **cloud technologies**, such as **microservices, container orchestration, and auto-scaling**, can greatly enhance the flexibility, efficiency, and scalability of modern software systems and applications.



FUTURE PROOF

Utilizing the **Cloud, SDN** and **NFV** approaches, you can **transition your FTTH network to 5G and beyond**, ensuring it stays modern, flexible, scalable and agile for future demands.

Netsia BB Suite can bring 3 major benefits for you!

COST-EFFECTIVE, FLEXIBLE PON SOURCING

By removing the reliance on specific vendors, service providers can **create competitive tenders**, inviting multiple companies to bid, resulting in **better pricing and more innovative solutions**. Service providers can more easily scale their networks by **adding new OLTs and ONTs from different vendors** as needed.

CLOUD NATIVE OPEN PLATFORM BRINGS AGILITY

The open platform **accelerates time-to-market for new features** and ensures agility, enabling quicker response to changing requirements. Service providers can **scale the network as they go**, thanks to the cloud native solution.

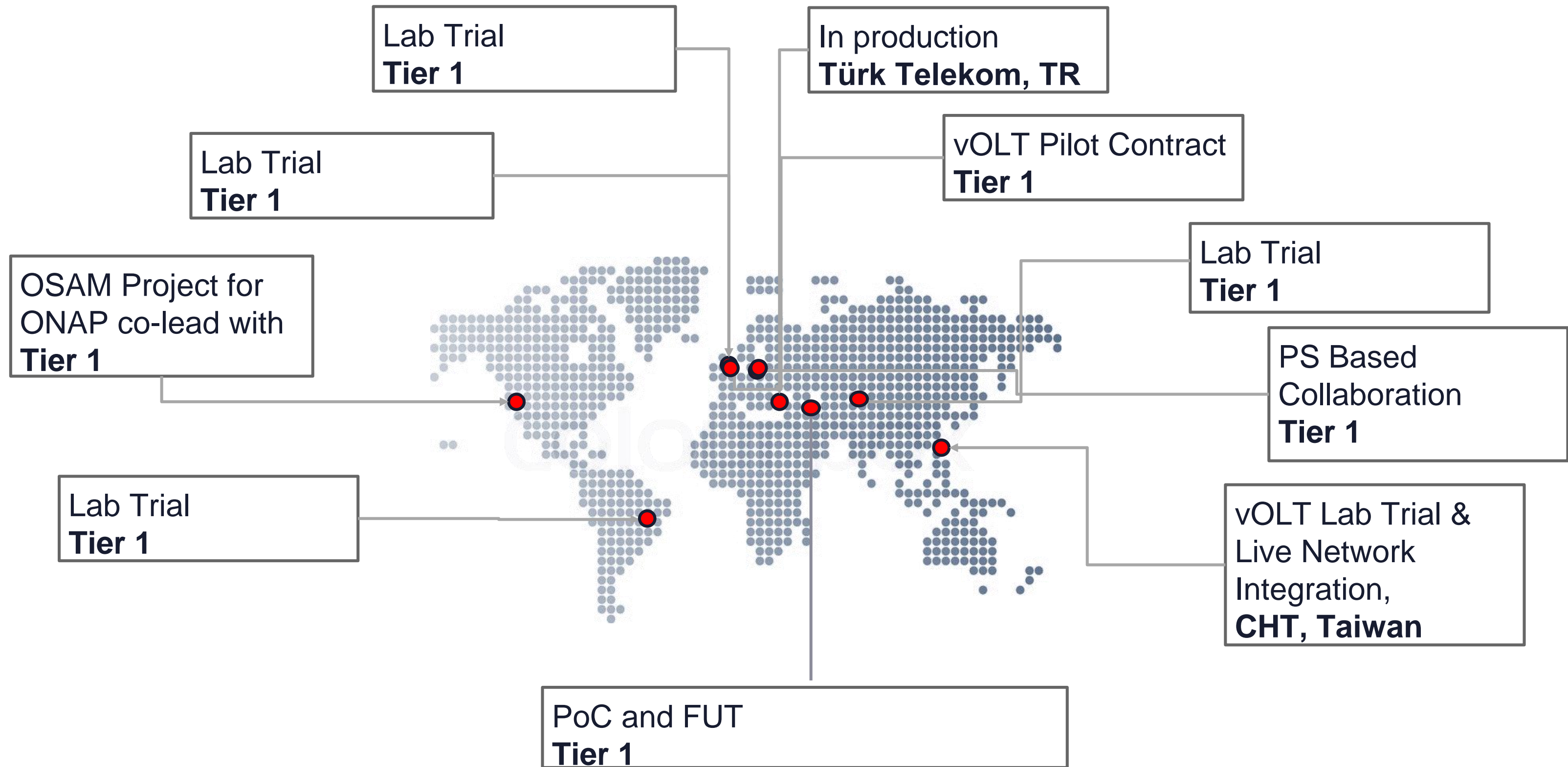
UNIFIED PLATFORM FOR BETTER OPEX

The unified PON management solution **streamlines network operations** by enabling centralized control of devices. This **reduces integration efforts** with back-end systems.

NETSIA BB Suite is REAL

NETSIA BB SUITE by the NUMBERS

Some Highlights from our Footprint



Netsia BB Suite has kept its Promises

CAPEX

%20-40

Results are based on multiple customer cases and feedback

OPEX

%10-20

Results are based on multiple customer cases and assumptions

Netsia BB Suite has gone Above and Beyond



x5

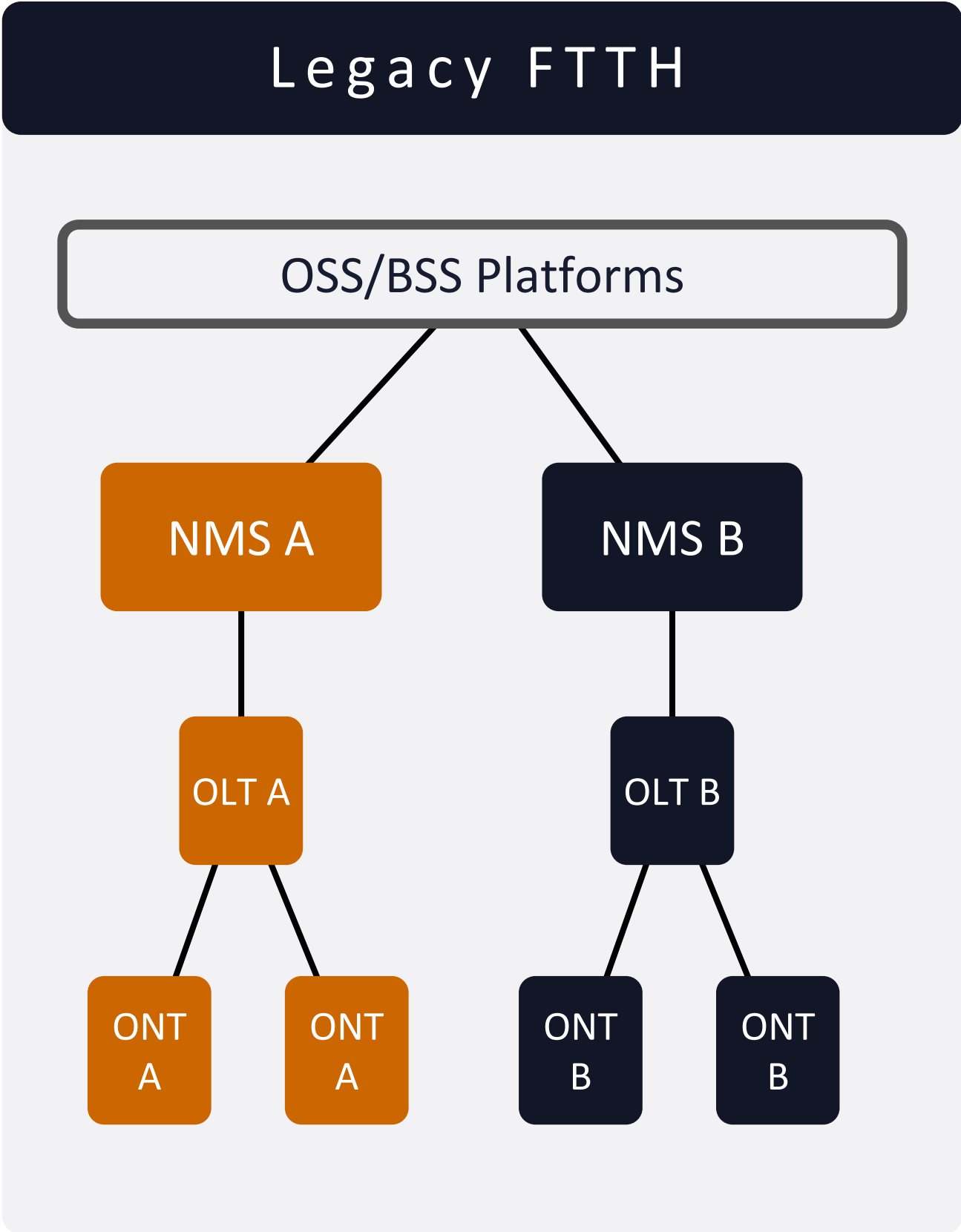
Less Downtime



x8

Less Errors

How does this happen?

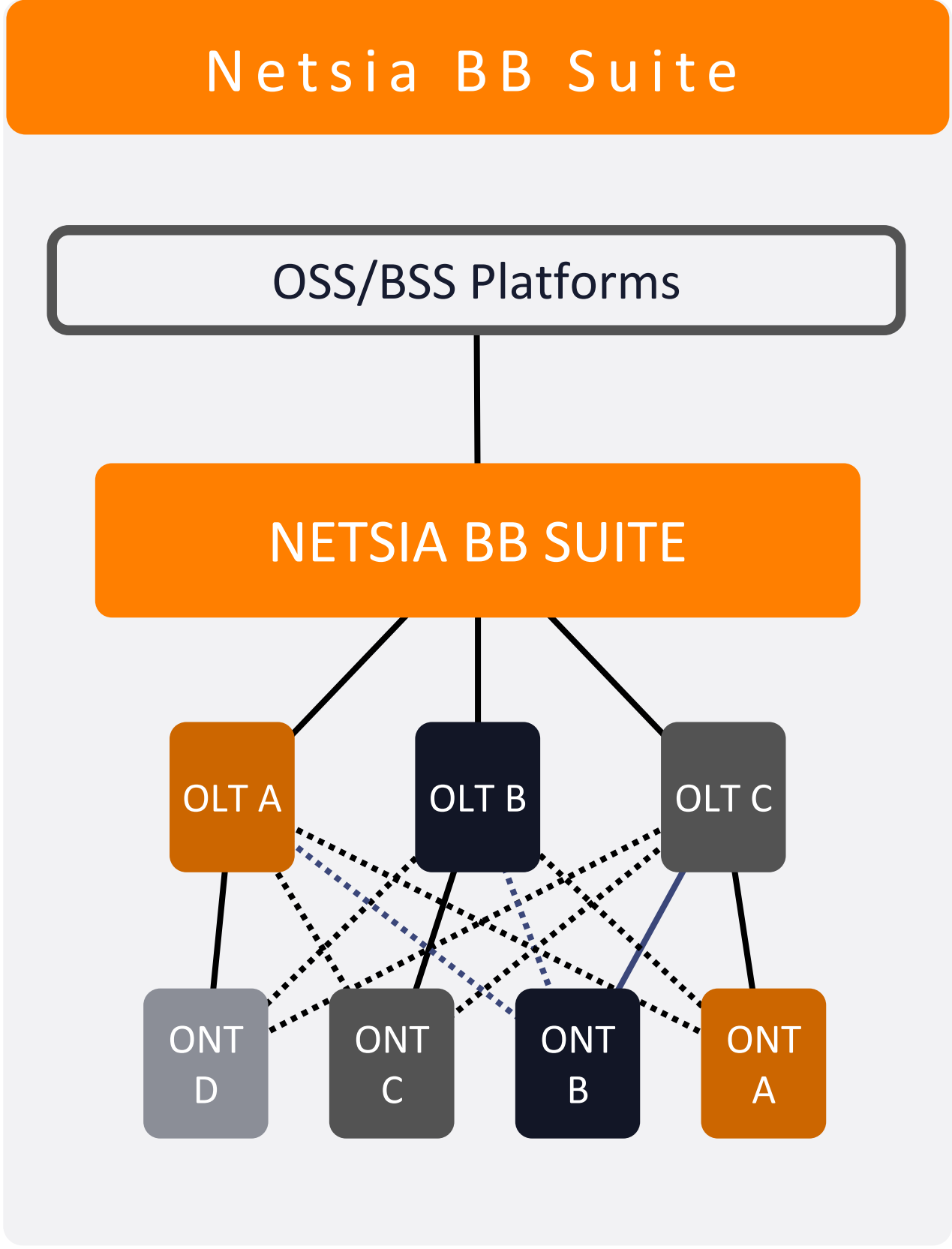


OSS Integration
Multiple vs One Time

PON Management
Multiple vs Centralized

OLT Compatibility
Silo vs Any Vendor

ONT Compatibility
Silo vs Any Vendor
No fragmentation



Let's Recap!

IMPORTANT TAKEAWAYS

01

THE IMPORTANCE OF STARTING TODAY

The telecom transformation to the cloud is inevitable, the sooner you start the better.

02

THE TECHNOLOGY IS MATURE TODAY

The Netsia BB Suite has been live for several years now, demonstrating superior performance and delivering on all business promises.

03

YOU ARE
NOT
ALONE

Netsia team is here to help, from customizing the solution to best fit your needs, to seamlessly integrating them into your existing network and backend systems.

ANY QUESTIONS?

THANK YOU!

FOR MORE INFORMATION ABOUT US, PLEASE VISIT

www.netsia.com