

# BENCHMARK YOUR 5G SERVICE ASSURANCE STRATEGY



Keith Dyer



## 1. THE INDUSTRY CHALLENGE

5G Standalone opens up new use industry and enterprise use cases. But requires automated orchestration of the network, and real time service visibility and assurance.

*"With service assurance, there is a big gap between aspirations and current capabilities."*



Jacob Groote



## 2. REACHING NEW CUSTOMERS

5G is already solving business problems for our customers. 5G SA creates further possibilities for enhanced services, with performance guarantees backed by SLAs.

*"Slicing must be automated over core, backhaul and RAN, with automated service assurance."*



Jason Kabengele



## 3. THE BUSINESS CASE

Five reasons to migrate to 5G SA: reducing capacity spend, new revenue models, improved coverage, improved profitability, better customer experience.

*"The ability to have better performance in both up and downlink is a key benefit for us. The main drivers right now are the radio aspects."*



Nabil Charkani



## 4. THE FUNDAMENTALS

Slicing will be step by step across the network. We're putting a live experimental network in place. The goal is a "zero-touch", AI-driven network. Service assurance is mandatory, with assurance integrated with orchestration, automation and the network.

*"5G standalone comes with a lot of promises but is also at the crossroads of many immature technologies."*



Mark Hiseman



## 5. 5G SA

What MNOs should be thinking about:

- Gathering data in a more intelligent way - the right data, at the right time, in context.
- Assurance is now a network function - orchestrators need real-time insight to make decisions.
- The move toward zero-touch networks is a journey - service assurance guides each stage.

*"The old ways of doing service assurance aren't fast enough for 5G and don't scale. They're also not cloud-native."*



LIVE EVENT REPLAY  
[CLICK HERE](#)

AN EXCLUSIVE EVENT FROM:



A recent live event, held by TMN with EXFO, asked:

Why automated assurance for 5G Standalone?

Why does 5G Standalone bring with it the requirement for automated service assurance?

How are operators planning for its introduction?