TAKE CONTROL **NCCEDINN** OF 5G CUSTOMER **EXPERIENCE**

With 5G, CSPs are moving from 'best-effort mobile' to proactively managing service quality and customer experience in real time

"In 5G we finally have the framework to define service experience monitoring as opposed to network health monitoring."

Claude Robitaille CTO, Accedian

5G rollouts are taking a couple of approaches:



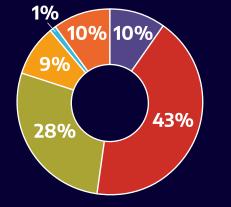
Non-standalone: a 5G radio layer is installed over existing 4G core with small cells deployed in high-density cities.



Either approach brings radical performance management changes ... it's all about managing the 'per-service and application experience'



It's a journey to automation – operators rely extensively on manual network performance management today



Percentage reliant on manual scripting

- More than 90%
- 50% to 90%
- 10% to 50%
- Less than 10% Not reliant at all
- Don't know/Not sure

10% of CSPs > 90% reliant on manual scripting

43% are 50-90% reliant on manual scripting

Source: Heavy Reading 5G Operator Survey on Performance Monitoring, Autumn 2018

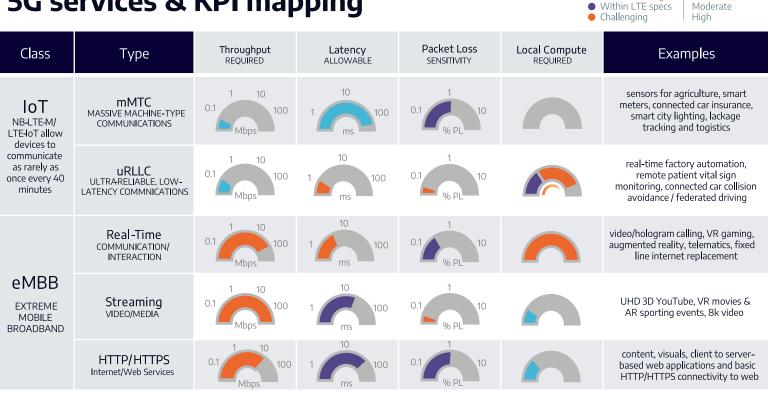
Impact if not met

Low

Performance level

Not demanding

5G services & KPI mapping



Source: GSMA

What is the ideal 5G performance management solution?

END-TO-END

Visibility and control of customer experience, from the application layer across all network domains, including compute infrastructure.

EDGE

Distributed monitoring and analytics coupled with monitoring of core, access AND cloud assets.

DYNAMIC

Orchestrated monitoring and service assurance that can be easily instantiated to measure service quality and can support a diverse set of on-demand services, applications and slices. ns

AUTOMATED

Intent-based service quality KPIs and automated processes to assure hybrid physical and virtual service components using a cloud-native microservices platform.

More info at: takecontrolof5G.com

