

Got 5G? Prove it!

How Catalyst projects are accelerating digital transformation

Wait, what's a Catalyst?

- Rapid innovation and collaboration on futuristic demos by teams of communications industry leaders
- Solve critical business, operational and IT challenges with tomorrow's technology

tmforum catalyst

How innovative are they?
Check out the *The Blade Runner* demo: an award-winning use case delivering **augmented reality over 5G** for high-stakes remote repairs

WINNER
Outstanding Catalyst Innovation



The team's mission

Help a local engineer in a **Dubai** mine repair earth-moving equipment by remotely connecting him on a Skype call with an expert in **Dusseldorf**.

Nothing but exceptional quality of service will do.



6500 + km separating expert from local engineer

> 4 months to solve the problem

14 collaborating companies

5G connectivity

1 AR headset

The dream team



and other industry innovators

The result

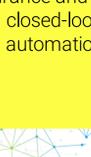
A bold industry first empowering an ecosystem of service providers to assure complex enterprise services.

How

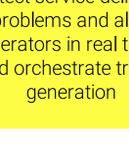
Demo an end-to-end 5G service chain consisting of multiple virtual network functions.

Standardized sharing of service catalogues and use of open, well-defined APIs for common operations to facilitate E2E, multi-operation closed-loop assurance.

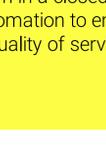
EXFO's contribution to the team



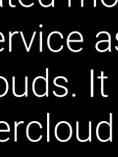
Provide service assurance and enable closed-loop automation



Virtual probes to detect service delivery problems and alert operators in real time, and orchestrate traffic generation



Scale services up and down in a closed-loop automation to ensure quality of service



The Blade Runner Catalyst expertly demonstrated monitoring and closed-loop service assurance across different clouds. It was a perfect example of intercloud communication.

Massimo Banzi
Senior Project Manager at Telecom Italia

And that's just the beginning of our **collaboration on Blade Runner** – we can't wait to team up for the next phases.

Learn more about the project here.



The communications industry's test, monitoring and analytics experts

