

Got 5G? Prove it!

How Catalyst projects are accelerating digital transformation

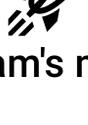
Wait, what's a Catalyst?

- 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

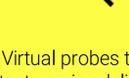
Demo an end-to-end 5G service chain consisting of multiple virtual network functions.

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



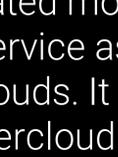
Provide service assurance and enable closed-loop automation



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

