

## MOBILITY AND CONNECTIVITY

# RENNES CITY UNDERGROUND GOES 4G

### SMARTVISER OPERATES ASSESSMENT TESTS

This is now official since October 1st, 2018 Rennes City Underground is 4G enabled. SmartViser was proudly designed to operate the assessment tests in order to check the network coverage quality of the 4 historical French Mobile Network Operators.

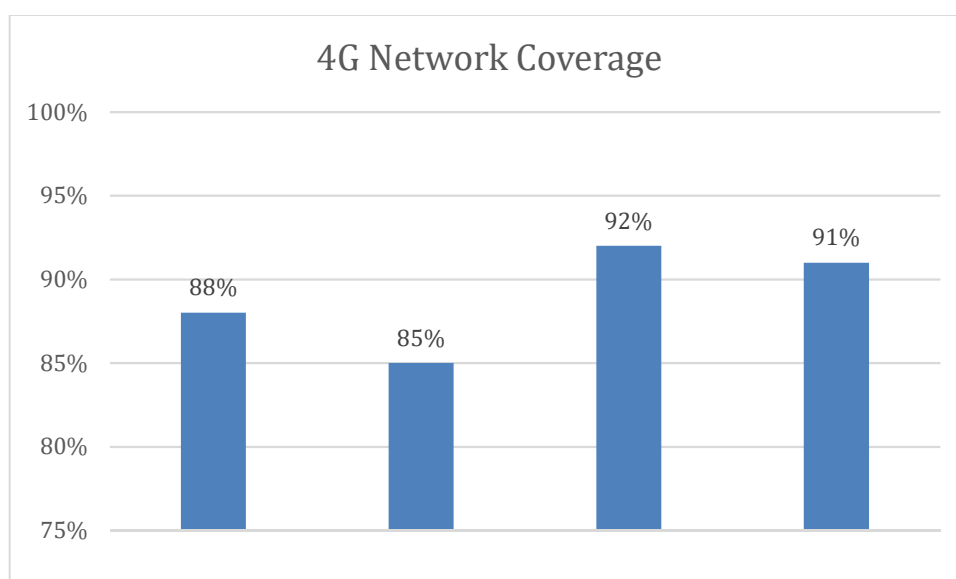
#### • 4G Coverage test is passed

SmartViser observed that the 4G Network coverage has been significantly improved and measured a mean signal reception score of 90% over the city underground network.

Rennes Metropole District had announced a clear improvement of the 4G signal reception level and SmartViser confirms that the promise has been hold with the supply of a continuous network service quality level.

If we take a further look at the results network operator by network operator, we can notice that there is no major difference, and this strengthens the choice as TDF as a skilled contractor on this project.

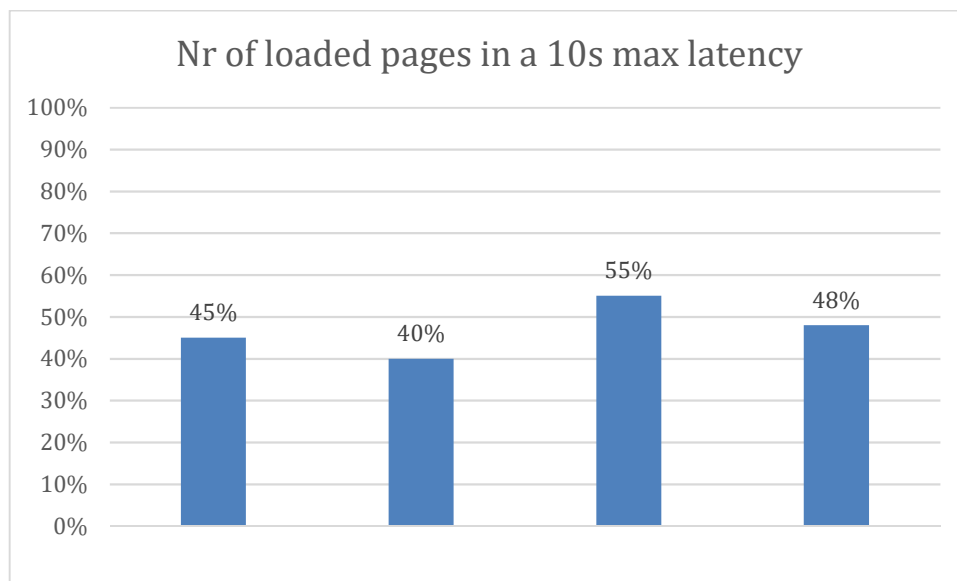
It's important to mention that for the remaining 10%, the journey is fully 3G covered and SmartViser has observed no more coverage holes.



## • Web Browsing

In the same time, SmartViser test experts have checked the network coverage efficiency as we know that connectivity quality in a mobility context is key. This was achieved by measuring the number of web pages loaded in a 10 seconds maximum latency time (same operation as usually processed by ARCEP French regulator).

Within this frame, despite same network conditions, SmartViser has reported differences between the four Operators. The indicators show that the best result conditions are hold by one of them with a connectivity score of 55%. The differences are due to the core network management which may vary from one network operator to another.



It is important to say that all tests were synchronized from several similar smartphone devices operating on each operator network.

## • SmartViser

Smartviser's CEO Gilles Ricordel confirms that the company is a recognized expert in User eXperience measurement over mobile networks with customers in many different countries. He added that similar testing had already been operated by his teams for the LGV High Speed Train launch in France (up to 320 km/h).