

5G will provide \overline{a} 40,000 times more \overline{rap} id data transmission rate

One week in the Swisscom Mobile Network 327,071,203 minutes Music Voice minutes on the in MP3 quality **Swisscom Mobile Net** per week Remain practically ans unchanged over the years years Cumulative 2,025,500 GB 2,025,500 GB **Data in the Swisscom Mobile** Network per week Voice volumes and data downloads per week 1,094,000 GB **VOICE DATA** Total •••• **4G 2G** 554,500 GB

2013

The data volume doubles every twelve months

2014

2015

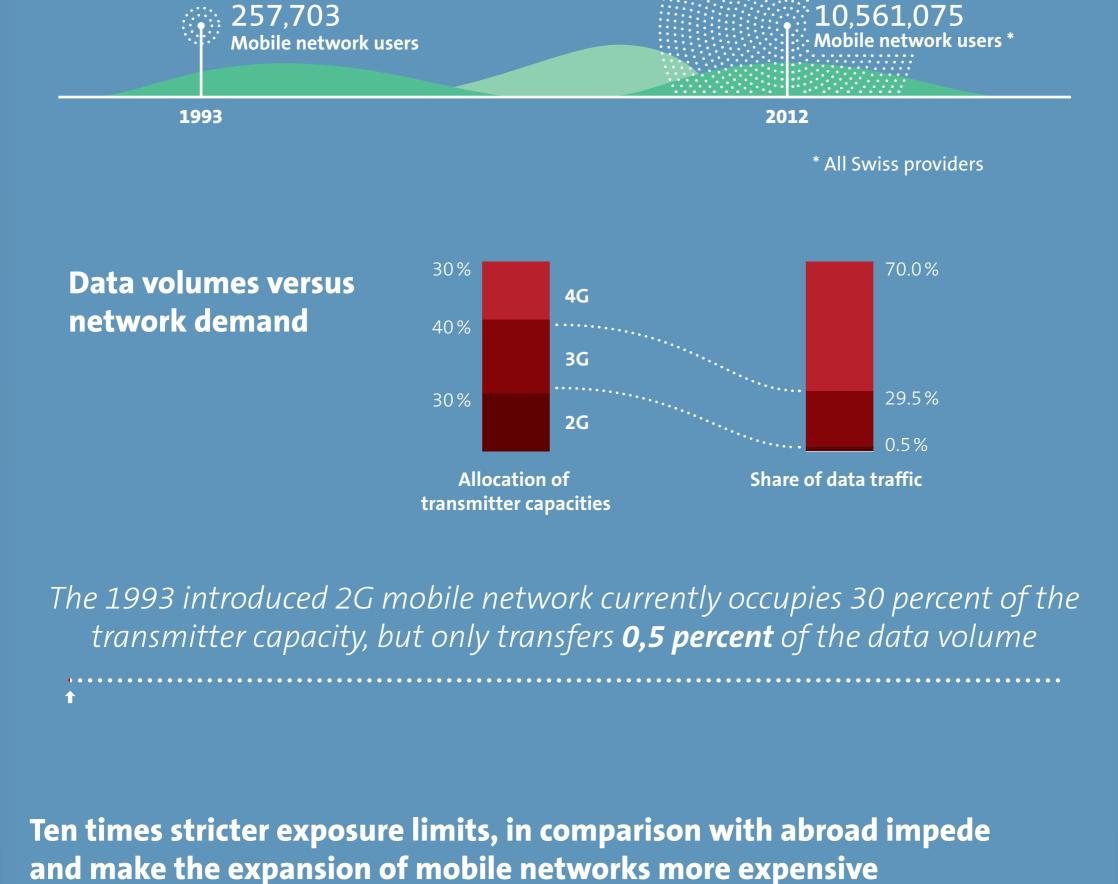
274,500 GB

2012

132,500 GB

2011

The rapid development of mobile network



limit parameter V/m 1800 MHz 900 and 800 MHz 6 6 4

EU directive

USA

New requirements

Switzerland

times

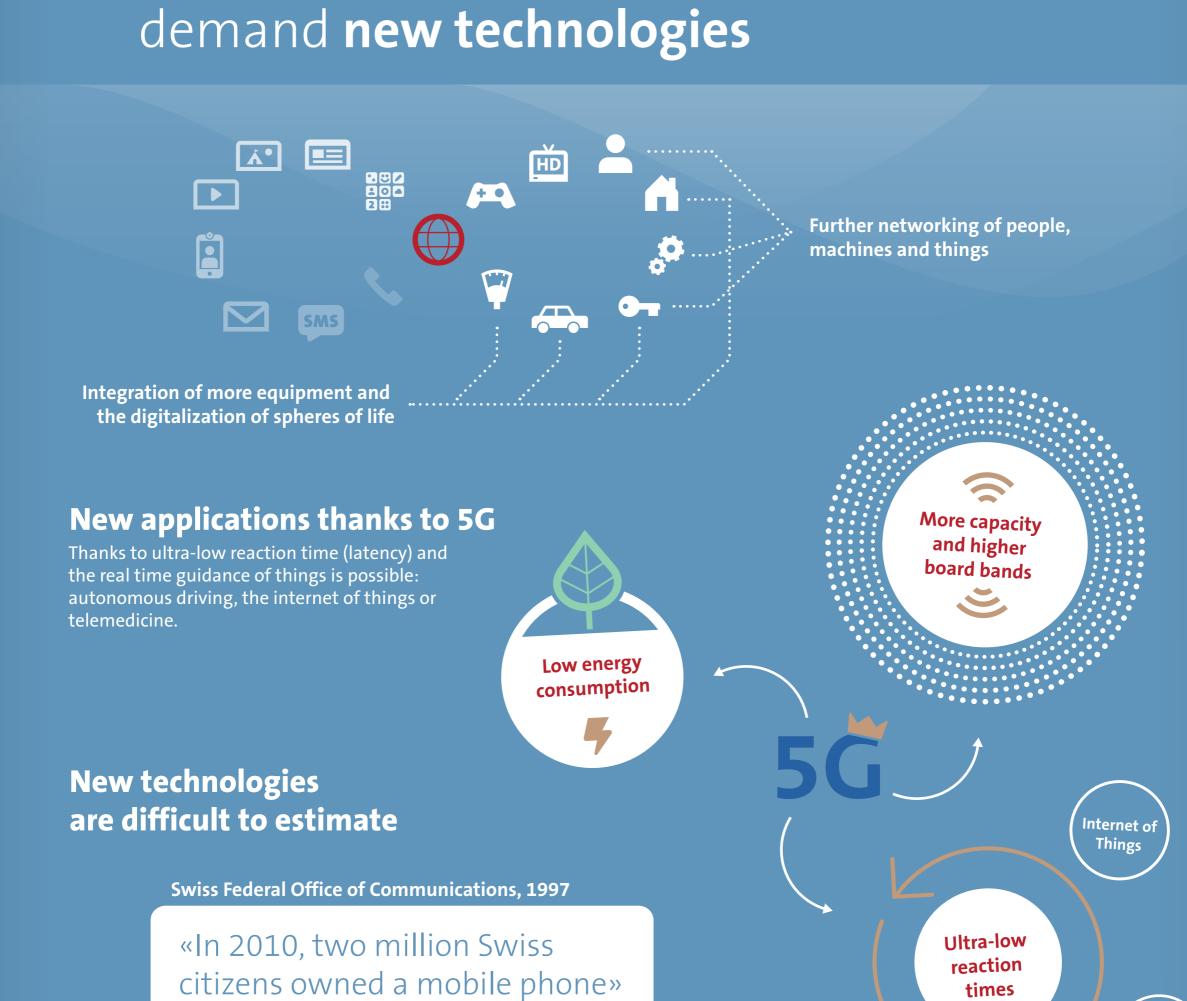
Tactile iInternet

WHO

Non-ionizing radiation V/m

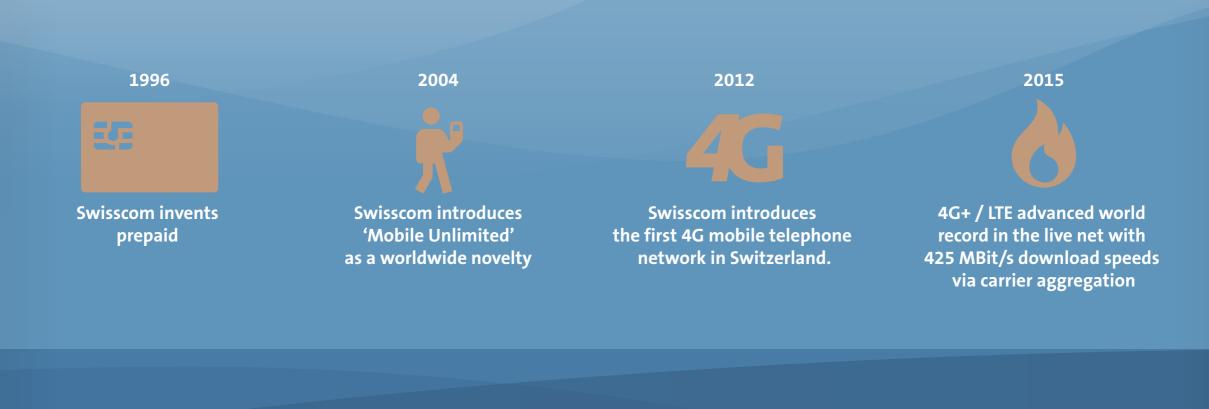
2600 and 2100 MHz

Statutory requirements and the topography pose great challenges, but Swisscom has still managed to provide an excellent network coverage.



Swisscom makes it mark on mobile networks – both nationally and internationally

In fact, it were 6 millions



Sources