

## THE NEW NORMAL: HOLIDAY-LEVEL WI-FI UPLOAD

Everyday use of residential Internet and Wi-Fi during times of stay-at-home working looks more like our usage patterns and volumes during holidays.



### MUCH HIGHER UPLOAD TRAFFIC AND MOSTLY CREATED BY LAPTOPS AND PCs



↑ **80%** The total Wi-Fi upload traffic – mostly generated by gaming consoles, laptops and PCs – has increased by 80% since enforced stay-at-home policies began for most countries in early March.

### WEEKDAYS ARE NOW SHOWING WEEKEND LEVEL UPLINK USE



Upload traffic increased in comparison to weekends after March.

### UPSTREAMING BEHAVIOR SHOWS A 4-HOUR EARLIER START



Hourly upload has been changed. It is the effect of people start working from home.

### NETWORK INTERFERENCE JUMPS

- ↑ **10%** Before March lockdown, interference on the **2.4 GHz band** was already high but has since jumped another 10%.
- ↑ **30%** Even more remarkable is that interference on the **5 GHz band** is up 30% since the start of the lockdown.

### LEADING COMPANIES ARE ADDRESSING DEMAND FOR PREMIUM HOME SERVICES



Many home Wi-Fi service providers have been in need of effective home Wi-Fi management even before the lockdown. This need has now been greatly amplified and has changed in nature due to the increase in connectivity challenges for teleconferencing type applications.

We could soon see the emergence of a new class of service, such as for example a premium residential service. Such services might be similar to what is today offered as enterprise-grade connectivity and would be targeted to serve work-from-home devices. The ability to identify, monitor, and prioritize such devices will become increasingly important from now on.

