

VIA ELECTRONIC FILING

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Re: Applications of T-Mobile US, Inc. and Sprint Corporation, WT Docket No. 18-197

Dear Ms. Dortch,

I am writing to you to express my support for the merger of T-Mobile and Sprint. I'm a resident of Washington State, home of T-Mobile, and they have proven to be a forward-thinking employer and a force for positive change in our state and region. For this reason alone, the merger would be worthy of support.

There are many more reasons to commend and support this effort, the most significant of which is the commitment T-Mobile is making to getting a 5G network deployed quickly. A high-speed 5G network will change the ways in which we live and work to a degree that we cannot even imagine right now.

I have spent a portion of my career studying transportation and sustainability issues and working to improve systems. Wireless systems supporting "Internet of Things" (IoT) devices are just beginning to demonstrate their efficacy when used in urban settings. One aspect that has the potential to slow down progress in this area is the inability of our current wireless infrastructure to handle the increased capacity that a more comprehensive deployment of IoT devices would require.

A 5G network would make it possible. The scale and speeds that T-Mobile is considering would be able to handle one hundred times more devices than current networks can handle—and bring much faster speeds to the network as well.

This means smarter "smart cities," with more IoT devices to manage transportation, conserve energy usage, and enable innovative technologies such as autonomous vehicles, which require the fast speeds and high capacity that a 5G network provides.

For these reasons, I support the merger and wish to encourage the FCC to move to approve this quickly.

Sincerely,

/s/ Bruce Agnew

Bruce Agnew
Cascadia Center at the Discovery Institute