

**Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554**

In the Matter of)	
)	
Applications of T-Mobile US, Inc. and Sprint)	WT Docket No. 18-197
Corporation for Consent to Transfer Control of)	
Licenses and Authorizations)	

COMMENTS OF ASSILA LLC

Assila LLC (“Assila”) writes to express its support for the proposed merger of T-Mobile and Sprint. By accelerating the formation of a true nationwide 5G network, the New T-Mobile will allow small businesses like Assila to continue creating innovative Internet of Things (“IoT”) devices that enhance public safety and improve the quality of life.

Assila manufactures and sells a device called Hot Seat, a product that has the potential to save the lives of young children, by detecting when a child is left in a hot car and notifying someone to rescue the child through a Bluetooth connection to a nearby smartphone. Access to advanced wireless technology allows Assila to reach as many parents and caregivers as possible to avoid preventable tragedies.

Next-generation 5G networks will empower companies like Assila to make more and better connected IoT devices. For example, the enhanced capacity and lower power consumption of a 5G network would allow Assila to release a new version of Hot Seat that does not depend on a short-range link to a nearby smartphone. Soon, 5G networks will directly connect millions of low-power devices and allow them to function nationwide, without requiring them to first tether to a smartphone. The ubiquitous connectivity of a 5G network would make the new version of the Hot Seat more likely to save the lives of children left in overheated cars.

The transition to 5G will spur the creation of millions of jobs and lower the barriers to entry for entrepreneurs who wish to make IoT devices that function anywhere. With access to powerful smartphones and 4G LTE networks, Alissa Chavez, the then-teenage founder of Assila, was able to create Hot Seat in middle school during an eighth-grade science project and build it into a successful small business from there. Many of the IoT devices of the future will be made by small businesses like Assila, and with three strong 5G networks covering the nation, these small businesses will have access to the connectivity they need to build their inventions.

Small businesses will, in turn, create jobs by inventing IoT devices that make life better for everyone. These devices could include safety products like the Hot Seat, connected infrastructure like smart traffic systems for cities, or wireless sensors to monitor farmers' fields in rural America. Some of our nation's most successful new companies were started by teenagers and grew thanks to the broad availability of 4G LTE technology, supercharging the U.S. economy along the way.¹ The transition to 5G will bring another wave of innovation and add as much as \$500 billion to the U.S. gross domestic product.²

Assila urges the regulatory authorities to consider the long-term benefits that this transaction will bring to U.S. entrepreneurs by accelerating the deployment of 5G technology and IoT. T-Mobile has proven its commitment to providing small businesses like Assila with the resources necessary to make the connected devices that will power our future, and Assila is confident that the New T-Mobile will continue to build on that commitment following the merger.

¹ *How America's 4G Leadership Propelled the U.S. Economy*, RECON ANALYTICS (Apr. 16, 2018), <https://bit.ly/2IC2v5Z>.

² *How 5G Can Help Municipalities Become Vibrant Smart Cities*, ACCENTURE STRATEGY (2017), <https://bit.ly/2KtmQQM>

Respectfully submitted,

ASSILA LLC

/s/ Alissa Chavez

Alissa Chavez

CEO of Assila LLC

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