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Qualcomm Technologies Announces Enhancements to the Qualcomm Network with New IoT Connectivity Platform and Expanded Wi-Fi SON Features

-- New platform unifies functionality through virtually seamless connectivity and delivers simplicity of use across devices and technologies --

LAS VEGAS, Jan. 3, 2017 /PRNewswire/ -- Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated (NASDAQ: QCOM), today announced two new critically important elements of the Qualcomm® Network designed to deliver simple, consistent and seamless connected experiences. As network complexity and expectations skyrocket at the hands of insatiable consumer demand, Qualcomm Technologies is introducing a suite of features, for deployment across IoT devices, IoT hubs, and network gateways, that centralize and manage the complex and diverse connectivity technologies and ecosystems - the Qualcomm® Network IoT Connectivity platform. Additionally, Qualcomm Technologies is further broadening the capabilities of its award winning Qualcomm® Wi-Fi Self Organizing Network (SON) solution to help ensure the best managed network possible.

"The Qualcomm Network continues to redefine connected experiences by making connectivity simple, high quality and consistent across devices and technologies," said Gopi Sirineni, vice president, product management, Qualcomm Technologies, Inc. "IoT Connectivity platform and our expanded Wi-Fi SON capabilities together are designed to deliver on that promise by directly addressing the most fundamental connectivity challenges of IoT while ensuring a broad delivery of our innovations across wired and wireless networks."

Qualcomm Network IoT Connectivity Platform

The growth of IoT services and smart home devices has, until now, created islands of products rendered incompatible by conflicting connectivity technologies, communication protocols, and software frameworks. Building upon the success of Qualcomm Technologies' device-focused IoT solutions, such as the QCA401x and QCA4531, the Qualcomm Network IoT Connectivity platform is designed to help ensure, for the first time, compatible and simultaneous use of Wi-Fi, Bluetooth, CSRMESH™ connectivity, and 802.15.4-based technologies across a network. The Qualcomm Network IoT Connectivity platform also supports [previously announced](#) communication protocols, cloud services and software frameworks, allowing it to act as a universal translator. By connecting previously disparate product portfolios and ecosystems, the Qualcomm Network IoT Connectivity platform significantly minimizes complexity and eases fragmentation challenges for manufacturers, developers and consumers.

Qualcomm Network Wi-Fi SON Feature Expansion

Since its introduction a year ago, the Qualcomm Wi-Fi SON suite of features has spurred the disruptive trend toward distributed networking systems. Distributed networks deliver corner-to-corner Wi-Fi, automated management with simple onboarding, and a host of other unique features. Every product to date employing a distributed networking architecture is based upon the Qualcomm Network solutions, including the eero home WiFi system, Luma Surround WiFi system, and Netgear Orbi Tri-band WiFi System. That momentum continues with networking products announced at CES 2017 including the Linksys Velop Whole Home Wi-Fi Solution, D-Link Covr, TP-Link Deco Whole-Home Wi-Fi Systems, and ASUS HiveDot and HiveSpot.

With distributed networks seeing significant product traction, and the value Wi-Fi SON brings to networks recognized, Qualcomm Technologies is today announcing the expansion of the Wi-Fi SON capabilities to include:

- Support for both wired and wireline-based networks. This update allows network installations dependent on PLC, a previously [announced](#) upgrade, and/or Ethernet, to leverage the same innovative features, regardless of the network medium, that

currently define the Wi-Fi implementations of SON.

- Expanded support for multi-hop network topologies. While a star topology is ideal for a majority of homes, there are many (multi-level, thick structures) where a multi-hop topology is more beneficial. Multi-hop topologies are the prototypical mesh-style configurations, and the addition of this option to Wi-Fi SON is designed to ensure a wider potential range of successful Wi-Fi SON implementations.
- Expansion of supported architectures to include MIPS-based systems.

Both the Qualcomm Network IoT Connectivity platform and expanded Qualcomm Wi-Fi SON features are available now as integrated offerings for Qualcomm Technologies Wi-Fi solutions for network infrastructure devices like network routers and gateways, with the Qualcomm Network IoT Connectivity Platform also available via our Qualcomm Technologies IoT device and hub solutions portfolio.

To get an up-close look at how these Qualcomm Network innovations are delivering simple, seamless networks that just work, please visit the Qualcomm booth at the Consumer Electronics Show, located in the Central Hall, booth #10948.

About Qualcomm

Qualcomm's technologies powered the smartphone revolution and connected billions of people. We pioneered 3G and 4G – and now, we are leading the way to 5G and a new era of intelligent, connected devices. Our products are revolutionizing industries including automotive, computing, IoT and healthcare, and are allowing millions of devices to connect with each other in ways never before imagined. Qualcomm Incorporated includes our licensing business, QTL, and the vast majority of our patent portfolio. Qualcomm Technologies, Inc., a subsidiary of Qualcomm Incorporated, operates, along with its subsidiaries, all of our engineering, research and development functions, and all of our products and services businesses, including our semiconductor business, QCT, and our mobile, automotive, computing, IOT and healthcare businesses. To learn more, visit Qualcomm's [website](#), [blog](#), [Twitter](#) and [Facebook](#) pages.

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