



Pixelworks Expands OTA Video Streaming Leadership to Mesh Networking Platforms

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Creates Groundbreaking Solution for Streaming Local OTA Broadcast by Leveraging the Qualcomm Mesh Networking Platform's Video-Over-Mesh Features

SAN JOSE, Calif., May 30, 2018 (GLOBE NEWSWIRE) -- Pixelworks, Inc. (NASDAQ:PXLW), a leading provider of visual processing solutions, today announced the availability of solutions that combine its over-the-air (OTA) local TV streaming technology into systems based on the Qualcomm® Mesh Networking Platform and its Qualcomm® Video-Over-Mesh features. The mesh OTA offering allows manufacturers of wireless networking products based on Qualcomm Mesh Networking Platform to quickly and easily incorporate built-in live HDTV streaming capability.

The mesh OTA platform is designed to address a key challenge by adding the flexibility to place an OTA-enabled mesh networking node in the most optimal DTV antenna location for maximum signal strength and the largest number of viewable local TV channels. Additional Wi-Fi mesh nodes are used to create a mesh network that establishes whole-home Wi-Fi coverage, while also supporting OTA video streaming coverage. Together, with an off-the-shelf client viewing application and electronic program guide, consumers have a simple user interface that provides virtually seamless access to both OTA local HDTV and other OTT content across a variety of popular mobile and media player devices.

Todd DeBonis, President and CEO of Pixelworks, commented, "Our work with an industry leader in wireless connectivity on a mesh OTA streaming solution represents significant advancement on our OTA initiative. By working together to provide an integrated solution supporting these best-in-class technologies, we are reducing the barriers to OTA streaming, thereby offering a new channel for cord cutters everywhere. This mesh OTA platform supports a Pay TV-like experience at a fraction of the cost, which serves to further encourage mainstream adoption of over-the-air streaming."

The Qualcomm Video-Over-Mesh features support high-quality, low-latency delivery of video as a user moves through their home, and their content is moved from one mesh node to another. Utilizing the powerful features of mesh networking, Pixelworks' advanced transcoding technology provides optimized bandwidth management by adaptively adjusting OTA video bit rates in real-time to match the changing Wi-Fi environment across the mesh network.

"Qualcomm Technologies has revolutionized smart home connectivity with its Mesh Networking Platform," said Gopi Sirineni, vice president, product management, Qualcomm Technologies, Inc. "Pixelworks' efforts to make their OTA solution an integrated offering of Qualcomm Mesh Networking Platform provides device manufacturers an impressive option for free, high quality content and the ability to deliver it across the network of devices throughout the home."

"There is no question that advances in mesh networking will speed the adoption of OTA video streaming as it drives a best-in-class entertainment experience in the household," says Mark Vena, Senior Analyst, Moor Insights & Strategy. "Pixelworks' work with Qualcomm Technologies facilitates enhanced live HDTV streaming on the Qualcomm Technologies' mesh-based networking solutions, resulting in tangible benefits for consumers who demand the highest quality viewing experience in the home and on the road."

Demonstrations of Pixelworks' Mesh OTA platform will be at Computex 2018, both at the Qualcomm Technologies' suite in the W Hotel Taipei and Pixelworks' suite in the Grand Hyatt Taipei.

For additional product information, please contact sales@pixelworks.com.

About Pixelworks

Pixelworks creates, develops and markets high efficiency visual display processing and advanced video delivery solutions for the highest quality display and streaming applications. The Company has a 20 year history of delivering image processing innovation to providers of leading edge consumer electronics and professional displays. Pixelworks is headquartered in San Jose, CA. For more information, please visit the company's web site at www.pixelworks.com.

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Qualcomm Mesh Networking Platform and Qualcomm Video-Over-Mesh features are products of Qualcomm Technologies, Inc. and/or its subsidiaries.



Source: Pixelworks, Inc.