

Casa Systems introduces latest innovations in multi-access technology for next generation broadband networks at Cable-Tec Expo 2019

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Game-changing core and access solutions dramatically improve network scale, flexibility and performance including the new Gen 2 Remote PHY Node, 10G EPON & Remote OLT, Low Latency and DOCSIS 4.0 Ready Solutions

ANDOVER, Mass., Oct. 02, 2019 (GLOBE NEWSWIRE) -- Casa Systems, Inc. (NASDAQ:CASA), a leading provider of converged broadband infrastructure technology solutions for wireless, cable and fixed networks, unveils its differentiated line-up of end-to-end solutions that address the challenges facing service providers as they transform their network architectures toward the 5G future. Casa Systems will demonstrate its latest innovations and solutions at this week's SCTE / ISBE Cable-Tec Expo, October 1-3 in New Orleans.

As the need to competitively deliver high-bandwidth, revenue-generating, low latency services increase, service providers must economically transform their disparate core and access networks. Network transformation is a journey that requires service providers to balance customer growth and increase profitability, while at the same time finding the least disruptive paths to network upgrade and innovation.

"5G impacts all service providers no matter what their access technology," said Jerry Guo, CEO, Casa Systems. "At Cable-Tec Expo, we are demonstrating solutions that enable operators to evolve any broadband network (fixed, wireless and cable) - at their own pace - to deliver the service agility and network efficiencies necessary for the 5G era."

Casa Systems has a comprehensive portfolio of core, access and edge solutions designed to help service providers migrate to new virtualized, disaggregated, and converged architectures. Featured demonstrations at Casa Systems' Booth #2501 include:

vCCAP with a Difference

Not all virtualized CCAP solutions are alike. Casa Systems vCCAP enables service providers to reach beyond traditional boundaries with features like multi-core support and N+1 data plane redundancy. Casa Systems' Axyom vCCAP, first announced at the 2016 Cable-Tec Expo show, provides full CCAP services functionality and supports HFC, DAA and multi-access architectures. The Axyom vCCAP is based upon its C100G software and provides all of the same features and functionality as Casa's widely deployed C100G. Casa's Axyom vCCAP is an end-to-end, standards-based, disaggregated and interoperable solution.

10G EPON & Remote OLT using vDPOE

Casa Systems' innovative Remote OLT solution features the latest DPoE 2.0 technology which allows an optical networking unit (ONU) to be managed as a virtual cable modem. Leveraging Casa's new DOCSIS 4.0 ready DA2200 Remote PHY node that supports Extended Spectrum DOCSIS (ESD) and Full Duplex DOCSIS (FDX), service providers can build out and manage both coax and fiber deep solutions without making changes to existing DOCSIS management and provisioning solutions.

Delivering Low Latency with DOCSIS 3.1

Service providers can expand and optimize their service offerings with Casa Systems' innovative Low Latency DOCSIS 3.1 (LLD) solution. Featuring Active Queue Management, LLD reduces the end-to-end latency between the headend and home to support and provide a way to create, manage and monetize multiple, differentiated traffic types and use cases.

Maximizing Spectrum Efficiency through OFDMA Optimization

Continuing its long-standing history of DOCSIS 3.1 market leadership, Casa Systems is introducing its latest patent-pending technique to optimize DOCSIS 3.1 in the upstream. Using this new technique, Casa is able to dynamically optimize OFDMA making it more efficient especially when noise is detected in the upstream.

Increasing Spectral Efficiency with PMA

With Casa Systems' profile management application (PMA) solution, service providers can deliver a consistent user experience with network management solutions that dynamically adjust to changing HFC network characteristics and transient noise thereby increasing spectral efficiency, throughput and performance.

Multi-Access Core and Edge: End-to-End Solutions for all Broadband Networks

Casa Systems helps cable providers meet their converged service needs with a portfolio of cloud-based core, access, and edge solutions for optical, coax, copper, and LTE/5G networks including physical network components such as small cells, optical line terminals (OLTs), and distribution point units (DPUs).

For more information about Casa Systems featured solutions and speakers at Cable-Tec Expo, visit: <https://info.casa-systems.com/cabletec-expo-2019-join-us-0>

About Casa Systems, Inc.

Casa Systems, Inc. (Nasdaq: CASA) delivers converged broadband technology solutions that enable wireless, cable and fixed network service providers to meet the growing demand for gigabit bandwidth and services. Engineered for performance, flexibility and scale, our suite of distributed and virtualized solutions delivers end-to-end connectivity across multiple access technologies. Commercially deployed in over 70 countries, Casa serves more than 475 Tier 1 and regional service providers worldwide.

For more information, visit our website at <http://www.casa-systems.com>.

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