



NEWS RELEASE

Convergence is Here: Casa Systems' Axyom Multi-Services Core Enables Fixed and Mobile Core Network Functions from a Common Software Framework

- *Casa's Axyom software architecture not only delivers convergence of multiple services on a single software-defined platform, but new revenue generating business models as well.*
- *Casa unifies HFC and optical network access solutions that deliver access agnostic, ultra-broadband services at multi-gigabit speeds.*
- *Customer field trials, demos and network virtualization panels at SCTE Cable-Tec Expo highlight Casa's proven expertise in network virtualization and convergence.*

ANDOVER, Mass. – October 18, 2017 – Casa Systems' portfolio offers cable service providers the solutions they need for next generation converged networks, available now. These solutions help service providers transform their networks to address capacity, performance, cost and agility challenges caused by exponentially increasing traffic, growing numbers of attached devices, rising competition, and head-end/hub and legacy network limitations. Casa's approach helps service providers extend the life of existing network assets while making a smooth transition to distributed, converged, cloud-based all-IP infrastructure at the pace service providers desire.

Casa's end-to-end solution set – including its Axyom vCCAP, Remote PHY (R-PHY) and Remote MAC PHY (R-MAC PHY) Distributed Access Architecture solutions, 10G PON portfolio, converged HFC and optical transport platform and virtualized access gateways – reduces network complexity and costs, increases service agility and differentiation and accelerates time-to-market for service providers. Casa will showcase these capabilities at SCTE/ISBE Cable-Tec Expo® from October 17 – 20 in Denver, Colorado in booth 380 through demonstrations that include its Axyom Multi-Services Virtualized Core, now in customer trials globally, and participation in key virtualization panels that will examine the results of early deployments, performance considerations and the migration path to software-defined access.

“As service providers plan their network transformations, we're ready today with an innovative, end-to-end portfolio that delivers the flexibility and choice service providers need for effective and efficient next generation converged networks,” said Jerry Guo, CEO at Casa Systems. “We're focused on end-to-end capabilities that result in converged, software-driven networks that are smarter, simpler, faster and give service providers the ability to deliver revenue generating services more rapidly.”

Casa Demonstrations at SCTE Cable-Tec Expo

- **Multi-Services Virtual Core:** Casa will highlight its vCCAP in a demonstration of Casa's Axyom Multi-Services Virtual Core that features key aspects of converged, distributed and virtualized networks. The demo illustrates VoWi-Fi and VoWi-Fi to VoLTE calling leveraging Casa's cable and LTE-EPC wireless access and core VNFs running at the edge in a common software framework in an OpenStack-based environment. The demo also features converged transport for fixed and mobile access leveraging Casa's Distributed Access Architecture device for DOCSIS® backhaul of small cells and Casa's Wi-Fi cable modems and Apex® multi-standard small cells.
- **Fiber-Deep Distributed Access:** Casa will demonstrate video delivery over its DOCSIS 3.1 Distributed Access Architecture solution that allows service providers to deliver multi-gigabit services today, efficiently scale to meet future needs and provide a smooth transition as network functions become virtualized.
- **Passive Optical Networking:** Casa's 10G-EPON DPoE v2 and XG-PON1 family of products enable multi-gigabit services with a flexible portfolio of centralized and distributed, physical and virtual solutions. The demo will show Casa's 10G-EPON solutions including DOCSIS Provisioning over Ethernet (DPoE) v2, giving service providers the ability to use existing DOCSIS-based back-end systems and processes for FTTx that dramatically simplify provisioning of complex services.
- **vCPE for Managed Wi-Fi:** Wi-Fi services continue to grow in strategic importance to cable service providers, and Casa's virtual Wireless Access Gateway (vWAG) offers a highly scalable, cloud-based solution for Wi-Fi first connectivity and value-added Wi-Fi use cases. With the ability to deliver vCPE-type functions from the vWAG, service providers can deliver new and enhanced services without increasing network complexity. Casa will demonstrate its virtual Wireless Access Gateway (vWAG), including device-type fingerprinting capabilities, which enable a variety of policy-driven use cases to increase service provider differentiation and grow revenues.

Visit Casa Systems in booth 380 at SCTE Cable-Tec Expo to view these demos.

Casa Experts to Discuss Service Providers' Virtualization Journey During Panels

- Jeff Leung, Casa's head of cable products and services will join service providers and vendor technologists to discuss the state of virtualization adoption, including results and challenges of early trials and pilot programs with SDN and NFV, in Light Reading's breakfast panel, "Virtualizing the Cable Architecture" on Wednesday, October 18 from 6:30 a.m. – 8 a.m. in room 605/607.

- Mark Szczesniak, architect, research and development in Casa's Office of the CTO, will outline how to get real performance from a virtualized CCAP during a panel, "The Journey from CCAP to vCCAP to vHUB" with a top MSO and other technology leaders on Thursday, October 19 from 9 a.m. – 10:15 a.m. in room 102/104/106.

About Casa Systems, Inc.

Casa Systems, Inc. is a leading provider of next-generation ultra broadband distributed and virtualized architectures in mobile, fixed telecom and cable networks. As the original supplier of commercially deployed CCAP systems that deliver voice, video, and data over a single port, Casa continues a tradition that brings leading edge solutions to hundreds of service providers around the world.

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

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