



CALIENT and ADARA Bring Next-Generation SDN Transport Packet Optical Integration Solution to OFC 2016

Demos of the multi-layer network optimization solution will take place in booth 1229; Company experts will also present at the show

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ANAHEIM, Calif.--(BUSINESS WIRE)--CALIENT Technologies, Inc., the global leader for optical switching technology, today announced a full slate of technology demonstrations and presentations at OFC 2016 focused on the SDN Transport Packet Optical Integration (SDN-TPOI) solution it has jointly developed with ADARA Networks.

Its time for @ofcconference and we've got a full slate of activities. Check them out in this PR:

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The companies, along with ON.Lab, the SDN Open Network Operating System (ONOS) leader, will present demos in CALIENT's booth (#1229) throughout the show.

The CALIENT-ADARA SDN-TPOI solution provides the first multi-vendor, multi-domain, multi-layer network optimization solution that allows real-time data flows to bypass the traditional packet-based network for very low cost and latency Optical Circuit Switch transport.

The solution combines CALIENT S-Series optical circuit switches with ADARA Axis switches deployed on the edges of wide area networks under the control of ADARA's CloudFabric Cloud Management Platform and SKY Controller.

SDN-TPOI was just named an elite-level solution - scoring 4.5 points out of 5 points - by a panel of industry judges in the 2016 Lightwave Innovation Reviews, an annual program sponsored by *Lightwave Magazine* that distinguishes the top products in the optical industry.

Enterprise CORD Demonstrations

In addition to the SDN-TPOI demonstration, CALIENT will join the ONOS project team and a field of leading network service providers and industry vendors to deliver a demonstration of an enterprise central office re-architected as a data center (E-CORD). In this demonstration, CALIENT's S160 optical circuit switch will function as a switched optical backplane in a disaggregated (whitebox) ROADM, supporting on-demand service setup, protection, and reconfiguration.

The E-CORD demonstration, which brings together the latest advances in optical hardware and SDN/SFV software solutions, will be hosted at the ONOS Booth #3758.

OFC Technical Program Presentation

CALIENT optical engineers Lin Liu, Shifu Yuan, and David Ramsthaller, will also present on the technical program at OFC 2016, on the subject, "Investigation of Dynamic Optical Crosstalk Performance of a Large-Scale 3D MEMS Optical Circuit Switches" (M81.2). This presentation will take place on Monday March 21 from 4:30 PM-4:45 PM.

About CALIENT Technologies

CALIENT Technologies is the global leader in pure photonic Optical Circuit Switching with systems that enable dynamic optical layer optimization in next generation data centers and software defined networks. CALIENT's 3D MEMS switches allow data center operators to dramatically improve utilization rates of expensive compute resources that typically account for 75% to 90% of investment. Data center operators and metro service providers also deploy CALIENT switches at the edges of their networks to facilitate multi-layer network optimization for maximum efficiency and flexibility. In this application the optical circuit switches support network-wide implementation of SDN regardless of the vendor or vintage of the optical transport system. The company designs and manufactures its systems using the state of art MEMS fabrication equipment at its corporate headquarters in Santa Barbara California.

For more information, visit CALIENT at <http://www.calient.net>, on [Twitter](#) and [LinkedIn](#), or contact us at: marketing@calient.net.

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