Designed for exceptional flexibility.

E7 Ethernet Service Access Platform (ESAP)

A powerful combination of high capacity and flexibility, the EXA Powered E7 incorporates a 100 Gbps backplane in a two-slot 1RU chassis. The E7 delivers native Ethernet services across a variety of

applications, from mobile backhaul with 10GE transport, to advanced business and residential services across GPON and Active Ethernet. Any card, any slot, any combination.



GPON-4 Line Card (Business and Residential)



Maximize fiber access deployment flexibility with four GPON ports, eight Active Ethernet ports, and standards-based 10GE transport on the same line card.

10GE-4 Line Card (Transport and Aggregation)



Deploy the latest generation of carrier grade, standards-based 10GE transport and MEF 9/14 certified business services aggregation on the same line card.

GE-12 Line Card (Residential Active Ethernet)





Deliver residential, point-to-point 1GE service drops in 12 port increments with integrated, standards-based, 10GE transport on the same line card.

Ethernet eXtensible Architecture: Standards-based Ethernet kernel built for access

Calix EXA Powered platforms are built on an Ethernet kernel optimized for the access network, leveraging the latest generation of deployable Ethernet standards - ensuring your network is highly extensible and ready for an all-video world.



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Consumer behavior has changed. Bandwidth demand is increasing exponentially.

Broadband has enabled consumer choice, and consumers are choosing services that require ever-greater bandwidth. Internet traffic is growing at an accelerating rate that now exceeds 60% per year. Video alone is projected to constitute 90% of all traffic by 2013. This rate of change isn't just fast. It's exponential. It requires a new approach to network design, a new kind of architecture that provides extensibility at your rate of change.

Consumer Behavior Shift by Age **Exponential Internet Growth** Consumers Watching Online Video 700 r Internet Bandwidth (exabytes) 600 18-29 500 30-49 400 300 50-64 200 65 +100 2008 2009 2010 2011 2012 2013 2007 2008 2009 2006 Source: Pew Internet Source: Cisco

Your access network must embrace change. Anywhere ... at any time.

The E7 Ethernet Service Access Platform (ESAP). Architected for extensibility.

The Calix E7 allows you to deploy the bandwidth you need now, with the flexibility to easily keep pace with accelerating change. Each E7 platform is a modular 1RU chassis with a 100 Gbps non-blocking backplane that delivers any mix of GPON, Active Ethernet, 10GE, and GE services. The E7 leverages the first standards-based Ethernet kernel built for access, called Ethernet eXtensible Architecture (EXA). The result: a simple, cost-effective network architecture that delivers advanced services and expanded network capacity when you need it.







