

The Opportunity: Realizing the Promise of FTTH Gigabit Ethernet Open Architectures

The Calix C7 was designed to support open architecture Gigabit Ethernet-based Fiber to the Home IP Services delivery along with splitter based GPON. With this open architecture in mind, Calix customers can use all ReadyLinks Gigabit Ethernet based CPE equipment options to cost effectively deliver FTTH and Carrier Ethernet to their customers. Typical applications include: FTTH service at distances beyond 20km, serving Multiple Dwelling Units and providing Business Ethernet Services.

The Solution: Utilizing RHINO ONTs with the Calix C7 Gigabit Ethernet Ports

The ReadyLinks RHINO has been tested with the C7 and is listed in the Calix Compatible section on www.calix.com, RHINOs can be attached to a Gigabit Ethernet port on the following C7 cards:

- **GigE 2P Card**
- **GigE 4S Card**

The RHINO ONT-100 can also be attached to a C7 100Mbps Ethernet service Port

Important Note: RHINOs are not replacements for the Calix 500 or 700 series BPON/GPON-based ONTs. RHINOs use Gigabit Ethernet optical links.

Additional ReadyLinks GigE Gateways compatible with the Calix C7

The following ReadyLinks FTTH GigE Gateways can be connected to Calix C7 Gigabit Ethernet optical ports to provide IP-based Triple Play Services: **RHINO ONT-100** via a GigE or 100Mbps Optical SFP Port, **RHINO OSG** via one of the Gig E-Ring SFP ports, **RHINO GTO/GTO-R3** via a Gig E-Ring SFP port, **RHINO IPC** via a Gig E-Ring port, **IPcoax 1400** via one of the Gig E-Ring ports and **IPcoax 2400** via one of the Gig E-Ring ports.

RHINO deployments with the Calix C7

The ReadyLinks RHINOs can be deployed with the Calix C7 from either the Central Office or from an Outside Plant remote cabinet. In either case, the RHINO is connected via a single fiber or dual fiber SFP optics for full duplex Gigabit Ethernet transmission.

