

DATASHEET

GPON Solution

The Incognito GPON solution is comprised of Broadband Command Center and Service Activation Center. Through integration, the products provide reliable services and operational cost savings.

Broadband Command Center enables PON networks to cost effectively provision VoIP and IPTV devices using Broadband Forum standards, while Service Activation Center provides centralized management of voice, high-speed data, and video products for PON service providers.

Incognito Auto-Configuration Server, a key service in Broadband Command Center, allows GPON operators to manage TR-069 embedded optical network terminals as gateways. This allows customer service representatives to easily view customer premises equipment status. The result is improved troubleshooting.

Service Activation Center further streamlines operational processes by integrating with the billing system and the GPON element management system which permits initial network entry of the ONT. Once subscriber and ONT information is entered into Service Activation Center, it automatically provides the EMS, billing and Broadband Command Center with the information needed. Subscriber data needs to be entered into one system only, saving manual labor, minimizing human errors, and enabling faster service roll-out. Additionally, customer service representatives can easily check device status through one convenient interface.

KEY FEATURES AND BENEFITS



Broadband Command Center

- Allows roll-out of advanced multi-media services by provisioning and managing TR-069 embedded ONTs
- Enables faster service roll-out by pre-provisioning PON ONTs
- Offers EFM subscriber DHCP services for PON operators
- Improves troubleshooting by interfacing with gateways



Service Activation Center

- Streamlines operations and minimizes operating expenses by interfacing with multiple back-office systems
- Improves troubleshooting

FIGURE 1.

BCC ACS enables zero-touch provisioning of ONTs, allowing faster service roll-out. BCC ACS service communicates with the ONT, providing it with the configuration information it requires and gathering device information from the gateway.

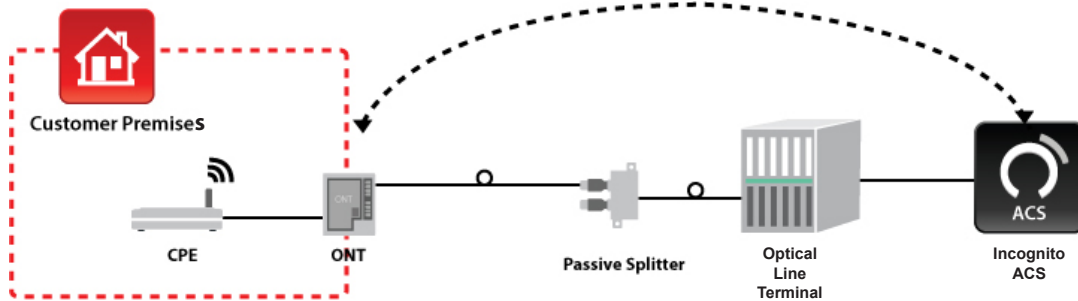


FIGURE 2.

By integrating with back-office systems such as BCC and EMS, SAC becomes the central interface for customer service, engineering and marketing. Workflows are streamlined and human errors are minimized.

