

# Rapid Integration

## *BSS/OSS Integration of any Fiber-to-the-Home Product*

Since 2004, ETI Software Solutions has provided billing and operational support systems integration software to dozens of service providers using a fiber-to-the-home ("FTTH") network. ETI's Triad Service Delivery Platform is pre-integrated with most major FTTH platforms; it enables flow-through activation of all end-user services on a fiber network, and reduces the time, cost and risks associated with the delivery of services over the FTTH network – ensuring your launch date is achieved.

**Triad SDP's Host API simplifies the integration of any FTTH product to enterprise billing and operational support systems; many are already integrated.**

### Easy to Implement – Graphical User Interface and Simple Host API

Subscriber/Service/Device Management – User-friendly, Windows based graphical user interface providing:

- Full subscriber management
- Service/package assignment for all products – voice, video, data, etc.
- Device inventory management and assignment for Optical Network Terminals ("ONTs")
- Comprehensive resource management and tracking – ONT to service address relationships
- Consistent user experience regardless of the technology interfaces in use



Host BSS/OSS API – Simplifies integration of any FTTH element management system ("EMS") to existing billing and operational support systems, many of which are already integrated to Triad SDP:

- Reduces time, expense and risk of one-off custom integration
- Eliminates operational costs and keying errors associated with dual entry or "swivel chair" administration of ONT provisioning directly from FTTH EMS
- Provides instantaneous and reliable activation of ONT ports based on services selected by the customer
- Enables the automatic deactivation of services and ONT ports based on delinquency status
- Ensures subscribers are only receiving the services for which they are being billed



### Feature/Function Rich – Complete FTTH provisioning support

Integration and provisioning support for a wide array of FTTH vendors, ONT models, port types and services:

- Vendor support - Alcatel, ADTRAN, Calix, Enablence, Motorola, Occam, Zhone, and others
- ONT models support - Single Family Unit ("SFU"), Business ("B-ONT"), and multi-dwelling unit ("MDU") ONT support
- ONT port types and service support – POTS (RJ-11), Ethernet (RJ-45), coax (RJ-6), VDSL2 (MDU ONT), voice (H248/ GR303, MGCP, SIP), High Speed Internet, video (IPTV or RF), others

Advanced provisioning features:

- Full support for VLAN management – creation, assignment, and deletion
- Full support for IP address management
- Auto-discovery of new ONTs
- ONT software / firmware management
- Alarm capture and reporting

### Optional Modules – Software upgrade providing:

Auxiliary interface support:

- Additional interfaces available for provisioning supporting FTTH network elements in the critical path of service delivery – PTSN gateways, SIP servers, service routers, etc.

Service interface support:

- Extensive inventory of world class integrations to service technologies
- RF video, IPTV middleware, voice switches, video on demand servers, etc.

Extensive array of auditing tools:

- Identifies mismatches between billing data and the 'as provisioned' state of an ONT
- Enables error correction before issue becomes service affecting

Installer and technician support tools:

- Eliminates the need for a technician to call back to the office and relay work order updates and device assignments
- Increases productivity and lowers operating costs

Billing, accounts receivables, collections and statement preparation:

- End-to-end billing and OSS capabilities



For more information about Triad SDP or other ETI Software Solutions products, visit our website at [www.etisoftware.com](http://www.etisoftware.com), or call us at 800-332-1078.

Getting you there  
**Faster.**