

# From service order to GPON activation in minutes



## Challenges

Meeting higher bandwidth demands with GPON

CSP demand for more and higher quality broadband capacity continues to increase. With enhanced services such as 8K video streaming and cloud-based industrial automation becoming available, these services can require substantial increases in capacity with more quality guarantees and multiservice capabilities than either broadband or standard fiber networks may offer now. As a result, interest in GPON continues to increase. GPON is one of several next-generation broadband solutions that have gained market momentum. It uses an efficient 2-tier architecture to support multiple interactive services on a common fiber.



## The Intraway Solution

Boost bandwidth and maximize profit while decreasing costs

In this dynamic landscape, Intraway's Symphonica has emerged as a leading solution, offering the most efficient approach to XGS/GPON service activation. Symphonica leverages a series of automated processes that streamline the deployment of new services. This platform empowers service providers to quickly and effectively respond to customer demands by minimizing the time and effort required to activate services. The Company's approach to GPON service activation helps service providers reduce the time, cost, and complexity of deploying new services while improving their networks' quality and reliability.

## Benefits

Increase business agility and customer satisfaction with the outcome of benefiting OpEx.



### No-Code Process Automation

Easily design, configure, deploy, and test interfaces with network devices using different protocols.



### Multi-vendor Interoperability

Prebuilt and ready-to-deploy provisioning and monitoring workflows and off-the-shelf connectors.



### First-Time Right Service Installation

Simplify and certify tech installations with Symphonica's bottom-up provisioning approach.



### Simplify Integration with B/OSS Systems

We use industry standard (TMForum) APIs to facilitate integration with third party systems, drastically reducing system deployment times.

## Intraway on AWS

Intraway and AWS are better together thanks to both company's commitment to migrating BSS/OSS telecom systems to the cloud. Symphonica, Intraway's award-winning no-code, cloud-native, telco-grade orchestration and service activation platform, enables telecom operators and Communications Service Providers (CSPs) to capture revenue quickly, enhancing ROI across their digital transformation programs. Designed for operational excellence, security, reliability, performance efficiency, Symphonica is proudly aligned with TM Forum Open APIs and AWS well-architected framework to rapidly integrate with existing systems and build a future-proof and open platform. Serving over 40 million subscribers in more than 20 countries over three continents, Symphonica and AWS are better together due to the capabilities of complex provisioning processes, closed-loop self-healing networks and multi-domain orchestration. Whether they need to deploy GPON, SD-WAN, 5G Network Slicing, IoT or other technologies, Symphonica SaaS stands ready to support them with multiple use cases and deployment scenarios.

### Features



#### Activate ONTs multi-vendor equipment from a single point

- Activate any service from any equipment vendor across any FTTx network technology.
- Accelerate your time-to-revenue by enabling zero-touch provisioning, orchestration, and service activation of every network element or system.
- No-Code means a very fast implementation time – and you don't need expensive developers to create complex service models.



#### Self-provisioning portal for xPON

Intraway's Symphonica also provides self-provisioning capabilities through our smartphone Tech Assist Application that allows technicians to activate a service as they install it, assuring the implementation of intelligent configuration checkups and birth certificates.

## Case Study: Lumos



### Challenges

Lumos Networks aims to replace its provisioning platform with a customizable solution for automating HSD and Voice services in an XGS PON network. They were seeking a reliable, fast, and seamless platform, converging legacy and next-gen services with native multi-vendor support to meet current and future challenges. They also needed a platform for both Brownfield and Greenfield deployment capabilities.



### Solution

Lumos implemented Symphonica as primary orchestration and Activation platform to integrate with the different platforms that are part of their BSS/OSS Stack. Symphonica was integrated with multiple vendors' Ordering, Inventory and Billing systems over a period of weeks, versus many months or years for competing OSS solutions. Ease of configuration, no-code, SaaS multi-tenant solution was key in delivering to our client in a fast time to market across a complex provisioning environment.



### Results

Through the use of Symphonica Design Studio, in under two months Lumos had configured business logic and integration of multiple systems. Lumos has greater visibility into service activation processes and can add new network vendors, technologies and service offers while monitoring performance consistently on the same platform. Time to market and provisioning times have been drastically reduced, and at the same time, positioning Lumos for explosive growth into the future.

# lumos

## Get started with Intraway's solutions on AWS

Visit AWS Marketplace or [www.intraway.com](http://www.intraway.com) to purchase or start a Free Trial today.