



Solution Brief

AXOS Deployment Services

The AXOS network operating system and software platform enables you to build a scalable, high availability network that accelerates time-to-revenue, eliminates service disruptions, and reduces operational complexity.

Calix professionals will help you to quickly and efficiently

CALIX PROFESSIONAL SERVICES

The Calix team of professionals can help you quickly deploy Calix platforms and solutions. We provide advisory, implementation, subscriber migration and optimization services that ensure a tightly integrated approach to your network deployment. This allows you to minimize the complexity of projects, speed time to market, and ensure your project is deployed leveraging the latest Calix best practices.

ACCELERATE SERVICE DELIVERY WITH THE AXOS SANDBOX

Leverage Calix expertise to accelerate alignment between customer goals and implementation in the AXOS Sandbox environment.

ENABLING YOUR MOVE TO AXOS SOFTWARE DEFINED ACCESS (SDA)

Calix professionals will enable you to quickly and efficiently deploy the AXOS network operating system and software platform and associated hardware into your network with less risk and guaranteed results.

Our professionals provide the following services:

- Guidance to your team on AXOS software implementation in a risk-free virtual environment through the AXOS Sandbox Advisory Service.
- Translation of your service provisioning work flows into a framework for successful integration and automation through the AXOS API Integration Workshop.
- Migration of Passive Optical Network (PON) or Active Ethernet (AE) subscribers from Calix traditional platforms to your new AXOS platform.
- Planning, installation, turn-up and testing of the AXOS Service Management Connector (SMx) in your network.

AXOS SANDBOX ADVISORY SERVICE

The AXOS Sandbox is the lab of the future, and allows you to build a virtual edge-to-edge SDA network to accelerate Operations Support System (OSS) integration and software certification with dramatic results.

The AXOS Sandbox Advisory Service provides the expertise to leverage the AXOS Sandbox quickly and efficiently with assistance on

- Sandbox installation and setup,
- Identification of goals and test objectives
- An advisory document on outcomes and test implementation paths

AXOS NETWORK DESIGN, TURN UP, AND TEST

The AXOS Network Design, Turn Up, and Test gives you the peace of mind that your AXOS platform is deployed and working leveraging the latest Calix best practices. A Calix Professional Services Network Engineer will create a low level network design for your E7-2 or E9-2 network that includes Layer 1 through 3 diagrams, detailed configuration and provisioning information, and a physical and logical network architecture and connectivity design in a Network Engineering Spec Book.

The Calix Network Engineer will then remotely access the network to turn up and configure the new equipment and perform a battery of tests on both the system and associated services to ensure proper subscriber operation.

AXOS APPLICATION PROGRAMMING INTERFACE (API) INTEGRATION WORKSHOP SERVICE

A Calix professional will lead an API solution discovery, design and planning workshop. This will help discover and translate your mission critical requirements for service provisioning and inventory work flows into a customized set of API requirements.

Calix professionals will:

- Use the discovery process to document API integration requirements based on

BEST PRACTICES APPROACH TO DESIGN, TURN UP AND TEST

Let Calix Network Engineering professionals design, deploy, turn up and test your AXOS platform with for best results and guaranteed outcomes.

SEAMLESS PON AND ACTIVE ETHERNET SUBSCRIBER MIGRATION

Faster subscriber migration from B6, C7, E7 EXA to the AXOS platform with less risk. Calix professionals pre-provision and test services before migration.

SMX DEPLOYMENT

Leverage Calix expertise to accelerate the deployment of SMx in your AXOS network.

ACCELERATE YOUR API INTEGRATION

Let Calix experts help you develop a successful API integration plan.

business objectives and key workflows.

- Document integration best practices, functional and technical use cases, optimization goals and solution design requirements.
- Recommend automated backend services provisioning processes to integrate with your Calix solutions.
- Document with relevant back office systems, processes, workflows and Calix API protocol and technical specifications.

AXOS PASSIVE OPTICAL NETWORK (PON) AND ACTIVE ETHERNET (AE) SUBSCRIBER MIGRATION

Migrating PON services from B6 or EXA E7 to the AXOS platform enables your access network to more cost effectively serve the needs of today's subscribers. In addition, your network will be ready to deliver an array of advanced residential services that retain subscriber loyalty, increase ARPU, and fend off competitors. The Calix team is uniquely qualified to do this for you with extensive expertise in planning, configuration, migrating subscribers, and adherence to best-practice deployment procedures.

Calix Subscriber Migration Services benefits include:

- Faster time-to-market and lower cost: one fourth the time and one fourth the cost compared to doing it yourself
- Automated and rapid transition of thousands of subscribers to AXOS with minimized downtime and impact on your operations— accurate translation of complex subscriber provisioning from legacy to next-generation AXOS systems.
- Less risk, faster migration, and guaranteed results

AXOS SERVICE MANAGEMENT CONNECTOR (SMX) TURN UP AND DEPLOYMENT SERVICE

Calix professionals can help you plan, install, and turn up and test AXOS SMx in your network.

SMx Turn Up Service

- A Calix Professional will install, turn up and verify the SMx application is running in the customer's virtualized environment.

For more information, please review the Service Description documents by visiting www.calix.com/services. For additional information on ordering, please contact your Calix Account Manager or Calix Certified Partner.