



Solution Brief

Calix Deployment Services

Calix Deployment Services are highly recommended for Communication Service Providers needing a trusted partner to help design, deploy, test and turn up their Calix Intelligent Access EDGE network solution.

Calix Professional Services will help you deploy and expand your network at a faster rate, with lower risk, and guaranteed results, and can free up your operations team to focus on normal day to day maintenance activities and revenue generating initiatives to decrease disruption to your subscribers.

Let us help you get to market faster!

CALIX PROFESSIONAL SERVICES

The Calix team of professionals can help you quickly deploy Calix platforms and solutions. We provide advisory, design and turn up, 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.

PROFESSIONAL SERVICES DEPLOYMENT CUSTOMERS



ENABLING YOUR MOVE TO AXOS INTELLIGENT ACCESS EDGE

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 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:

- Design, turn up and test of Calix platforms includes the turn up of the Calix equipment and services testing along with project documentation in the Network Engineering Specification Book - a comprehensive collection of logical network layouts, OLT configuration information, service and policy profiles, and voice dial plans
- Planning, installation, and activation or upgrade of the AXOS Service Management Connector (SMx) application in your network.
- Translation of your service provisioning work flows into a framework for successful integration and automation through the API Integration Workshop.
- Migration of Passive Optical Network (PON) or Active Ethernet (AE) subscribers from Calix traditional platforms to your new AXOS platform.

Calix Services can also provide the similar deployment service activities for designing, turning up and building out EXA E7-2 based systems.

NETWORK DESIGN, TURN UP, AND TEST

Network Design, Turn Up, and Test gives you the peace of mind that your Calix platform is deployed and working in accordance with the latest Calix best practices. A Calix Professional Services Network Systems 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 and document that in a Network Engineering Specification Book.

The Calix Network Systems 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.

NETWORK MANAGEMENT ACTIVATION AND UPGRADE SERVICE

Calix Professional Services will help you plan, install, and activate your AXOS SMx or your EXA CMS network management software in your network. Customers can also use this service to upgrade their existing network management software to the latest release. The Calix Services Network Systems Engineer will also verify all network management software processes are running properly with the customer's operating environment.

BEST PRACTICES APPROACH TO NETWORK DESIGN, TURN UP AND TEST

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

BUILD FASTER, BUILD BETTER

The Accelerator Bundle is a collection of essential Calix Services to help you build out or expand your network fast.

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.

NETWORK MANAGEMENT ACTIVATION AND UPGRADE

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.

ACCELERATOR BUNDLE - PLAN AND DEPLOY

Do you want to plan your networks better, and build out faster? Calix Services has introduced the Accelerator Bundle to help you plan and deploy your network.

The Accelerator bundle is a collection of discounted essential Calix Services critical to help new Communications Service Providers (CSPs) properly plan and deploy their broadband networks. It can also help existing service providers expand or upgrade rapidly. This bundle is especially well suited if you want to accelerate your AXOS E9-2 Layer 2 or Layer 3, AXOS E7-2, and EXA E7-2 projects. The bundle includes:

- A block of 20 hours of Network Consulting Services covering the topics critical to get your network started right
- Deployment Services consisting of Network Design Turn up and Test for your first node and Network Management Activation
- MobilePRO Express Premises Installation package
- An Individual Education Subscription to Calix Academy

These services will help you deploy your broadband network using the latest industry best practices on time and on budget and your team will gain critical knowledge along the way.

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

SUBSCRIBER MIGRATION SERVICES

Migrating PON and Active Ethernet services from traditional B6 or C-series platforms to EXA E7 and AXOS platforms enables you 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 help retain subscribers, increase ARPU, and fend off competitors at a rate faster and with less impact to your operations and your subscribers. 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.

Subscriber Migration Services benefits include:

- Faster time-to-market and lower cost: one fourth the time and one eighth 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 your legacy to next-generation AXOS systems.
- Less risk, reduced errors, faster migration, and guaranteed results

For additional information on ordering, please contact your Calix Account Executive or go to www.calix.com/services for more information.