



# Calix Network Consulting

Calix Network Consulting empowers your team with the expertise to help you reach your business, technical and operational objectives. Calix Network Consulting experts provide insight, guidance and direction to help you develop your network strategy and implementation plans and improve the performance, reliability and robustness of your services.

## Access to World-Class Networking Expertise

Does your team need help mapping out plans to help address bandwidth bottlenecks, IPV4 exhaust, and moving IP further out into the access network? Could you benefit from expert guidance, vast experience, and knowledge of end-to-end network and service delivery best practices gained from working with a wide array of Broadband Service Providers of all types and sizes. Calix Network Consultants are uniquely positioned to help you plan, grow and optimize your network that can scale gracefully, avoid forklift upgrades, reduce risk, and save money in the long run.



## CONSULTING DONE RIGHT

Network Consulting is your trusted partner—an extension of your network engineering and technical teams that shares their expertise across IP, access and premises networks that's hard to duplicate. The Calix approach to Network Consulting is proven and straightforward. Our consultants engage with your team to understand your challenges when it comes to improving performance, scalability, security and reliability. They look at your current network architecture or deployment objectives for new buildouts and assess current capabilities and network readiness. They then systematically identify areas of opportunity and provide actionable guidance on transformation paths and application of best practices to improve performance and reduce costs.

## ACCELERATE YOUR NETWORK TRANSFORMATION

A Calix Network Consultant can help plan your network in a way that matches your business and service goals and aligns them with your operational objectives for network reliability, scalability, and security. Calix Network Consulting expertise provides actionable results on a wide array of activities:

### Apply Architectural Best Practices

To meet both current and future technical, operational and business needs, you want a network that is manageable and can scale as you grow your subscriber base. Calix Network Consultants can work with you to help turn your network vision into a detailed and workable plan using the latest technology and applying design best practices that will support the services and the performance your subscribers demand.

### Moving Layer 3 Deeper Into the Network

Do you want to extend the benefits of Layer 3 IP routing further into your access network? Network Consulting experts can help BSPs with architectural guidance and actionable plans to implement edge routing in their network to help you get higher network resiliency and redundancy with faster fail-over times, improved subscriber bandwidth utilization, and better traffic prioritization.



## Improving Transport Bandwidth

Increase in streaming services, proliferation of smart devices, working and learning for home continue to drive the need for higher bandwidth. A Network Consultant can work with you to develop actionable and scalable plans for your bandwidth needs and then help you implement them as well.

## Establishing Always On High Availability

Availability and redundancy are key considerations for robust networks. BSPs need to build highly redundant network architectures that are always on to match their demanding subscribers that not only want faster speeds, but also exceptional service availability. Calix Network Consultants can help BSPs incorporate physical through application layer redundancy and high availability best practices to maximize uptime for subscribers.

## Transforming Your Network To IPV6

If you're like most BSPs, you're concerned about IPV4 exhaust and looking for ways to implement IPV6 networking support. Calix Network Consulting Services can help you prepare an IPV6 deployment plan that can help you transition your network and support subscriber demands.

## Improve Network Performance and Health

Trying to balance reliability, scalability, redundancy, cost and new service requirements is getting more complex. Your network is in constant flux, but are you making sure it's at operating at peak performance? Calix Network Consulting can do a complete assessment of your current network, services, and operational workflows and identify ways to improve performance such as eliminating flat inefficient networks, improving subscriber management approaches, consolidating network functionality, and making operations more efficient.

## Calix Network Consulting Services Helps HTC Prepare for Exponential Growth

Calix Network Consulting Services added immediate value quickly zeroing in on issues in HTC's network. Along with guidance on Layer 3 network architecture, the Calix Network Consultant helped HTC gain operational efficiencies with troubleshooting best practices that led to fewer trouble reports and less truck rolls. These operational efficiencies resulted in substantial cost savings for HTC.

*"You know, there's a term trusted partner. And that's the way we really feel about Calix."*

- **Jared Carson,**  
Chief operations officer for HTC





## Transforming Your Network Is Now Easier

Calix Network Consulting is your business transformation partner. **Contact your Calix Account Executive** to set up a design consult to see how you can accelerate your network transformation projects.

### Ciello and Calix Network Consulting Partner for Improved Results

The Ciello team realized they needed help developing and executing their Layer 3 strategy. Their engagement with Calix Network Consulting has provided them immediate improvements in reliability and security and positioned them to deliver innovative services to their subscribers.

*"We really do see our relationship of working with Calix as an extension of our own team locally. It's well worth the time and the money, and the outcomes are going to be very positive."*

- **Monroe Johnson,**  
Chief technical officer for Ciello

