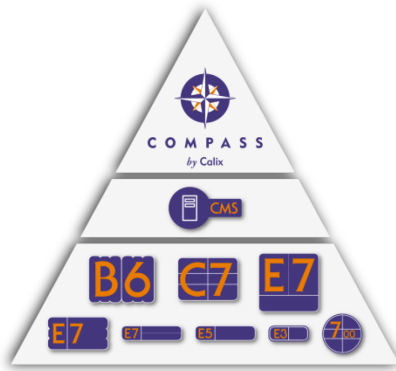


## Integration Services

### D E S C R I P T I O N



Integration of IPTV, video on demand (VOD), and VOIP services requires broad networking experience, familiarity with current technologies, and – critically important – extensive knowledge of a wide range of interoperable software and hardware. The Calix Professional Services team brings a combination of intimate knowledge of Calix solutions, field-proven expertise gained in numerous video deployments, and a deep level of knowledge in the complex realm of interoperability – how hardware and software from multiple vendors work together with Calix solutions.

### W H A T   A R E I N T E G R A T I O N S E R V I C E S ?

Any video deployment requires end-to-end interoperability of hardware and software from multiple vendors. To ensure the success of such a complex undertaking, expert Calix engineers work with the entire network, from headend to customer premises. Calix Integration Services can involve any or all of the following:

- **IPTV system integration** of the all ecosystem components – including satellite headend, digital headend (encryption, encoders), middleware such as Microsoft Mediaroom and Minerva, IP networking infrastructure, residential gateways, in-home wiring (wireless, HPNA), and set-top boxes
- **Integration of a new services** such as VOD
- **Integration of video monitoring tools**
- **VOIP interoperability testing**
- **Comprehensive, start-to-finish project management** and vendor management to provide further assurance of success and subscriber satisfaction

### W H Y   C A L I X ?

Many of the more than 235 Calix video deployments have utilized the knowledge and experience of the Professional Services team working with the **extensive resources of the Calix Compatible Lab** – a unique multimillion-dollar facility that continually performs solution validation on middleware, set-top boxes, video-on-demand systems, and other hardware and software from Calix partners. The Lab allows our customers to **select the best components** for their deployment scenario and then **validate interoperability before any effort or expense is expended in the field.**

Calix Professional Services also brings several other advantages to every project:

- **Experienced Calix-Certified engineers** ensure maximum expertise every step of the way.
- Calix **Product Serviceability Engineers** provide an additional level of oversight and escalation support.
- **All projects adhere to Calix Best Practices** that ensure optimal, efficient procedures, minimized downtime, and the use of productivity-enhancing techniques.
- Every project follows a thorough project plan that **spells out every detail.**



## Integration Services

### YOU CHOOSE THE LEVEL OF INVOLVEMENT

You can select the level of Calix involvement you want for your project. Calix Professional Services engineers can:

- **Design network architecture.**
- **Review and recommend partners and components** while leaving deployment in your hands.
- **Validate ecosystem interoperability** through the Calix Compatible Lab.
- Handle **project management and vendor management.**
- Manage **ongoing quality of experience instrumentation** for service assurance and continued ecosystem enhancements.
- Serve as **prime consultant, handling every aspect of the project** and taking full responsibility for every task from start to finish.

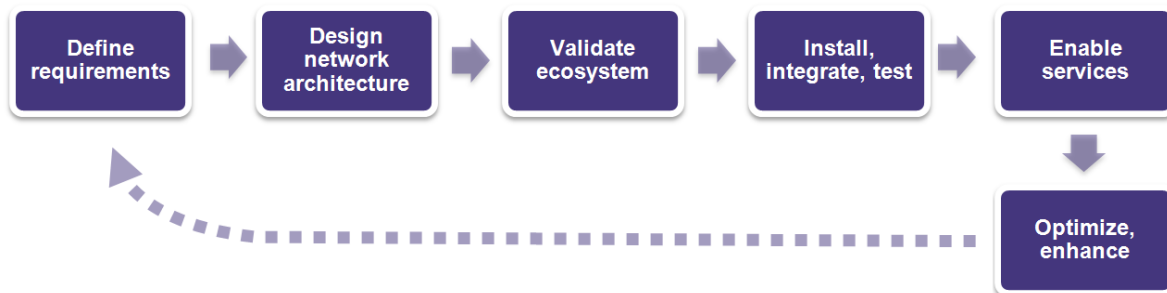
### CONTACTING CALIX

For more information about Calix Integration Services, or to discuss the specifics of your forthcoming project, email us or visit the Calix website:

[professionalservices@calix.com](mailto:professionalservices@calix.com)

At [www.calix.com](http://www.calix.com) click **Support > Professional Services**

### Integration Services: the Calix Approach



While every Integration Services project is unique, our engineers approach all projects with a systematic focus on the details that matter – from planning and design through selection and validation of ecosystem components, through installation/integration/testing, and finally enabling of services for subscribers.

For many service providers, it doesn't end there; they continue to use Calix Professional Services to **optimize and enhance their networks and their newly deployed services.**



**PROFESSIONAL  
SERVICES**