

# Spirent Services

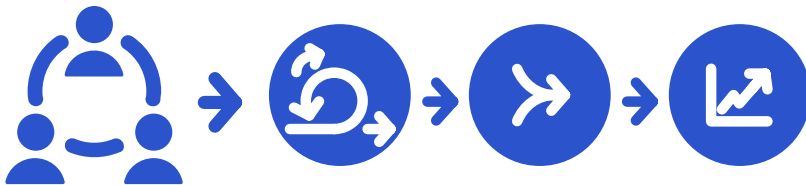
## Consulting Services Overview

### Expert assistance in strategy formulation and execution of solutions addressing next-gen technology challenges

As organizations plan their strategies and scope their objectives for a prospective innovation, some find gaps in their expertise to achieve their goals. Spirent's qualified team of technology and domain experts – **from Lab to Live** – assist with assessments and strategy development, planning and design, network architecture and engineering, and test methodologies. They support custom projects to help you innovate intelligently, so you are confident the product or service you are launching does exactly what it is designed to do.

Spirent has established a worldwide team of trusted and seasoned experts to support our customers' broad range of needs and address an array of business challenges to help organizations formulate strategies and detailed plans to develop technology faster and ensure their new market offerings perform as planned when they "go live". Example projects include:

- Testing and lab strategies
- Security architecture and posture
- Vendor selection strategies
- Lab to Live automation strategies
- Ongoing service assurance strategies
- Network architecture and design recommendations
- Risk mitigation analysis



Spirent Consulting Services empower our customers to envision and then execute end-to-end transformation of their test and assurance strategies.

## Highlights

- Utilize expert advice and customized project services to suit unique business objectives, budgeting or scheduling needs
- Choose exact network configuration needed and target crippling issues before implementation
- Ensure comprehensive development of solutions for the entire new technology lifecycle – from Lab to Live
- Draw from broad technology and domain expertise of cutting-edge technologies in networking



## Spirent's Legacy of Consulting Expertise

Spirent's Consulting Services draw from our years of expertise testing and assuring cutting-edge technologies with our comprehensive suite of networking, cybersecurity and positioning solutions. Our Consulting Services foster the development of solutions for the entire new technology lifecycle – from Lab to Live – driven by continuous integration / continuous deployment (CI/CD) best practices, covering:

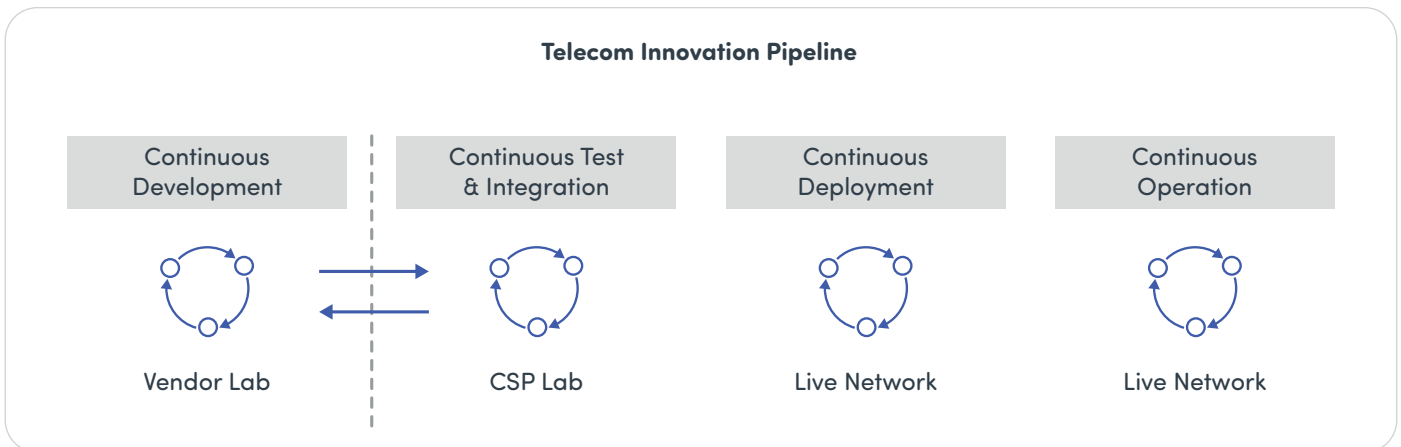
- **Development**—Lab testing of conformance, performance, interoperability, functions, integration and security; creation of test plans and automation scripts; vendor certification
- **Deployment**—Delivery of new technology into the field, supporting, commissioning, acceptance and activation of new products and services
- **Operation**—Assurance with live monitoring, triage and issue isolation

Our consulting services, which include a documented project governance model, are customizable offerings delivered by our expert teams that accelerate innovation and reduce costs. For service providers and their network vendors, our solution strategies provide a roadmap to automate each stage of the Telecom Innovation Pipeline enabling new technology and features to be realized by customers in days, not months. Spirent's Consulting Services are targeted on optimizing operational functions that empower business outcomes.



### Business value:

- Enlist experts ready to ramp up with specialized knowledge from day one
- Avoid unwieldy Capex and Opex expenditures, and commission only the work needed, when you need it
- Plan test and assurance automation solutions to accelerate workflows and reduce required resources
- Ensure delivery of objective recommendations or assessments aligned to the business objectives



Spirent Consulting Services provide impactful strategies for service providers and network vendors to collaborate more effectively, accelerating the release of new features and ensuring optimal user experiences.

## Supporting our Customer’s Business Objectives

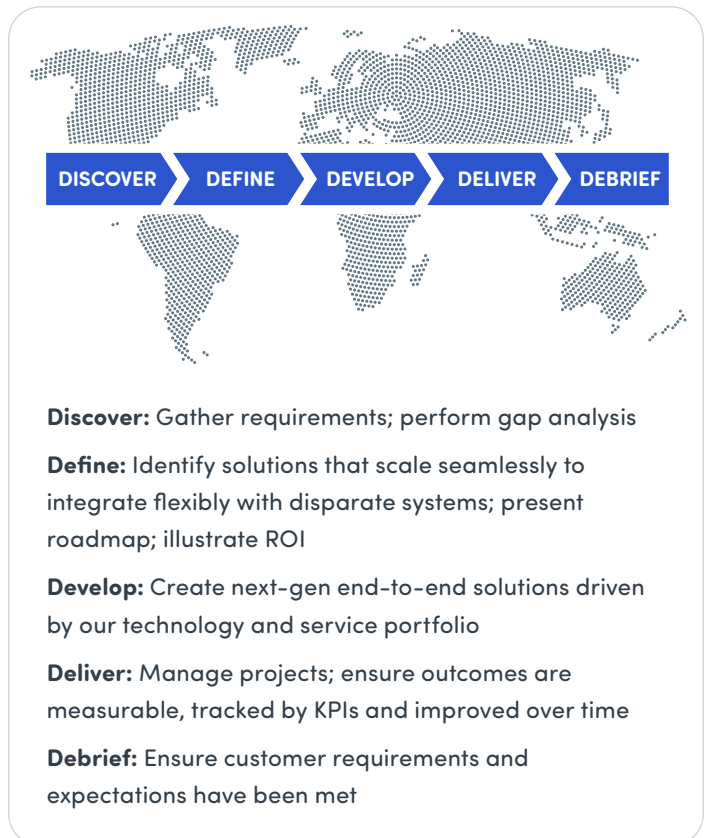
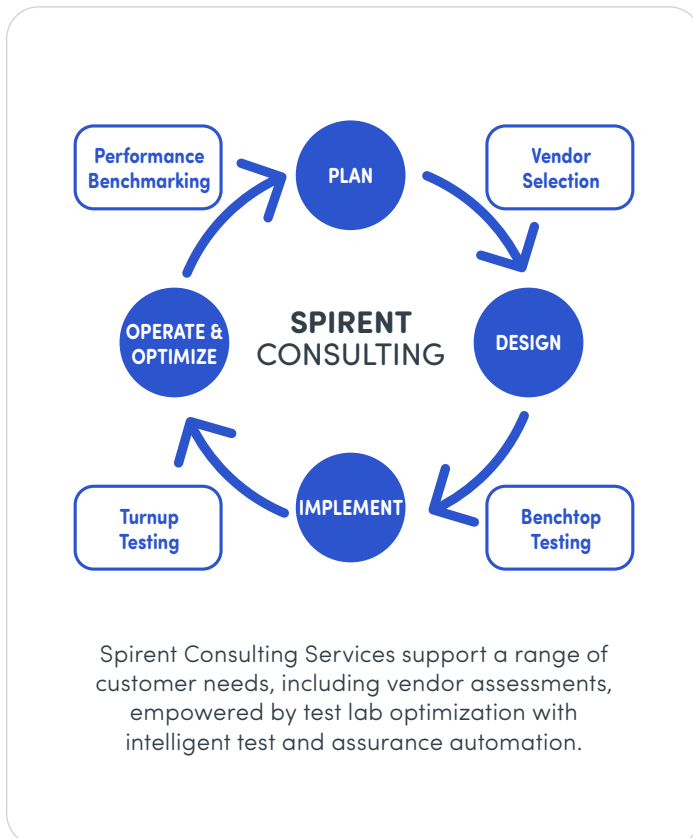
Providing their seasoned insight from a broad range of customer scenarios and technologies in Development and Operations, along with the prevalent challenges facing the industry at large, Spirent’s Consulting Services are targeted on delivering solutions addressing our customers’ key objectives in the marketplace:

- **Accelerated Time to Market**—Optimizing lab environments and automating test and assurance to speed releases and to facilitate the Telecom Innovation Pipeline with continuous improvements.
- **Reliable Quality**—Automation ensures consistency and repeatability, to augment test coverage (functionality, failure mode, performance, security, etc.) and to test comprehensively in live environments to measure performance and prevent outages.
- **Cost Management**—Solutions streamline cost structures for Capex/Opex requirements as they maximize all lab resources for faster ROI and budget savings.

## Spirent Consulting Empowered by Next-Gen Technology Capabilities

Our customizable consulting services target strategies to accelerate innovation and reduce costs. For service providers and their network vendors, we provide test and assurance automation solutions for each stage of the Telecom Innovation Pipeline. Spirent’s qualifications in authoritative consultancy draw from well-established leadership in:

- **Broad Technology and Domain Expertise**—Offering a comprehensive suite of solutions for cutting-edge technologies in networking, cybersecurity and positioning, including 5G, 5G Core, Cloud, SD-WAN, SDN, NFV, Wi-Fi 6, and more
- **Lab as a Service (LaaS)**—Delivering lab setup and operation that allows multiple test organizations to efficiently use labs as a shared resource
- **Test as a Service (TaaS)**—Providing state-of-the-art intelligent test automation to perform testing and resolve issues
- **DevOps & CI/CD**—Employing industry recognized best practices for test and assurance to achieve comprehensive continuous test (CT), continuous integration and continuous deployment to live network



## Our Customers

Spirent has been a pioneer since the advent of network, wireless and GNSS testing, validation and assurance and has provided services to customers across a broad range of global industries. These varied business sectors include global navigation satellite systems, aircraft and automotive manufacturers, as well as telecommunications and wireless service providers, network equipment manufacturers, petroleum, education, the media, financial institutions and stock exchanges, technology enterprises and publishing giants. Spirent also services governments worldwide, which includes military and space agency projects.

## Spirent Expertise

Spirent provides services expertise for all major communications vendors – **from Lab to Live**. This end-to-end proficiency draws from a deep bench of seasoned professionals who are qualified experts in our technology portfolio. Our services cover devices, infrastructure, cloud infrastructure, networks, network applications, security and assurance, all powered by state-of-the-art lab and test automation. Such industry expertise maximizes your solution capabilities and ensures you deliver your product or service to market on time and with optimal quality.

## Spirent Services Portfolio

Spirent Managed Solutions are part of a comprehensive suite of services. Spirent’s portfolio of services for an initiative’s entire lifecycle – **from Lab to Live** – helps organizations achieve their short-term testing and validation goals, while building a strong framework for future and enduring business success.



### Managed Solutions

Performing strategic operational functions for customers:

- Lab as a Service
- Test as a Service
- Certification as a Service
- Deployment as a Service



### Product Services

Enabling customers to realize optimal use of Spirent products:

- Implementation & Integration
- Product Training
- Resident Engineers
- Product Support



### Consulting Services

Supporting custom projects, helping customers with specific strategies and objectives:

- Assessments & strategy
- Planning & design
- Network architecture & engineering
- Test methodologies

For more information on Spirent’s Product Services, please visit: [www.spirent.com/products/services](http://www.spirent.com/products/services)

## About Spirent Communications

Spirent Communications (LSE: SPT) is a global leader with deep expertise and decades of experience in testing, assurance, analytics and security, serving developers, service providers, and enterprise networks. We help bring clarity to increasingly complex technological and business challenges. Spirent’s customers have made a promise to their customers to deliver superior performance. Spirent assures that those promises are fulfilled. For more information visit: [www.spirent.com](http://www.spirent.com)

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