# SPIRENT PROFESSIONAL SERVICES

POSITIONING TECHNOLOGY

# SYSTEMS INTEGRATION SERVICES

**The Challenge: Seamless Integration of Positioning Systems into Automated Environments.** From flight simulation testbeds to manufacturing lines, automation streamlines productivity. Yet, while existing programming interfaces (API) are highly functional, they often need adaptation for critical applications, requiring custom software for successful systems integration. Not all customers have the skills in house and must resort to contractors who may not be qualified. Or, if the skills are in house, they may be dedicated to critical projects and not available without affecting schedules.

## SPIRENT DELIVERS TARGETED EXPERTISE

Spirent Professional Services offer Systems Integration Services with Spirent engineers who are expert in the API and the Spirent products. We create custom integration software that promotes seamless interaction of client systems with Spirent products. This service includes adapting the client system source requirements, such as scenario information, into the format needed for use with the Spirent GNSS simulator API.

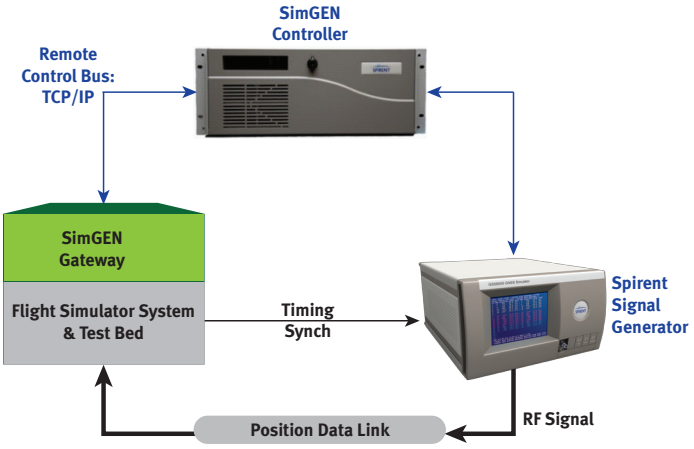
## SERVICE OVERVIEW

What to expect in an engagement with Spirent Systems Integration Services:

- Develop and agree on the specifications for the integration engagement
- A statement of work clearly defining the integration solution:
  - Assumptions
  - Engagement details/deliverables
  - Roles and responsibility
  - Scheduling
  - Pricing
  - Contact information
  - Acceptance
  - Change control process
- Custom software development
- On-site installation and validation
- Customer training
- User documentation

## BENEFITS

- Assurance of system performance and efficiency
- Implement the lowest risk approach to systems integration
- Bypass the constraint of diverting precious in-house project resources
- Attain confidence in meeting program schedules
- Accelerate and maximize workforce productivity
- Reduce costs and operational overhead



## INTEGRATION SOFTWARE

- Support for multiple languages and transports:
  - XML
  - FCIF
  - SOAP
  - Web Services
  - JMS
  - MQ Series
  - CORBA
  - Custom APIs
- Warranty

## SERVICE DELIVERY PROCESS

The primary elements of Spirent's highly-acclaimed world-class service delivery process are:

- **Discover:** Gather requirements; perform gap analysis
- **Define:** Create statement of work; present roadmap and resources, illustrate ROI
- **Develop:** Develop test cases; write scripts; develop code
- **Deliver:** Deploy test engineers; manage project; measure and report
- **Debrief:** Refine service optimization; assure customer needs and expectations are met

## OUR CUSTOMERS

Spirent has been a pioneer since the advent of GNSS simulation and network testing 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. Our test methodology and automation experts include IETF engineers and RFC authors who have developed many of the industry's acclaimed benchmarks. They help define standards and performance tests for dozens of industry forums and standards bodies.

## SPIRENT SERVICES

Spirent Global Services provides a variety of professional services, support services and education services—all focused on helping customers meet their complex testing and service assurance requirements.

## CONTACT US

Don't wait until your project has already begun, or worse, until you are behind schedule. Contact Spirent now and enlist our Professional Services team to streamline your project. Let our experts help you improve operational productivity and accelerate your time-to-market. Call your Spirent sales representative or visit us on the Web at: www.spirent.com.

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INVESTORS IN PEOPLE

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