FLYER

Scenario Provisioning

From Spirent PNT Testing Services

Test faster and more reliably with Spirent-built scenarios

Benefit from pre-built scenarios that allow you to test your GNSS-enabled equipment for specific use cases. With verified scenarios you can run either on a Spirent simulator or Record & Playback system, our Scenario Provisioning service enables you to:

Accelerate test programmes: by using pre-built scenarios that address your specific testing needs, developed and verified by the market leader in PNT testing

Reduce test costs: by removing the need to build your own scenarios, and by providing scenarios that can be played on a cost-effective Record & Playback system

Maximise test credibility: by using industry-verified scenarios for business critical use cases including standards conformance, functional operation, receiver performance and integrity

Spirent™

How it works

Choose from an extensive database of scenarios built by Spirent over years of PNT testing. Alternatively, talk to us about custom scenarios to address your specific test needs.

This service is tailored to your needs and budget, with options including:

- **Scenarios playable on a Spirent simulator:** Accelerate your test programme with pre-built scenarios for testing the functional operation, real-world performance, and receiver integrity of your PNT solutions. Our library includes over 80 scenarios, with new scenarios being continually developed

- **Scenarios playable on a Spirent Record & Playback system:** We can create your scenario in a Spirent simulator, record it for you on a Spirent Record & Playback System, and transfer the recording to you for playback on your own Spirent RPS. Alternatively, we can record a real-world scenario for you in any of our locations around the world, and provide you with the recording for playback

- **Custom scenarios:** If the scenario you need isn't currently available in our library, talk to us about developing a custom scenario for you. Our PNT test experts can also advise on the most appropriate scenarios and testing methodologies for your requirements

Note that all of our Services can be closely tailored to your needs, so if you don't see exactly what you need in this brochure, please do contact us to discuss your specific requirements.

Available Scenario Database

Scenario Group	Functional	Performance	Integrity
Leap Second	X		X
Motion	X		
PRN Codes	X		
Rollovers	X		
RAIM		X	X
GNSS Operability	X		X
Standards (eCall, RED etc.)		X	
Fundamentals	X	X	
Health Monitoring	X		X
Real Events			X
Spoofing		X	X
Timing	X	X	X
Multipath		X	
Interference		X	X
Klobuchar Models	X		
Ephemeris Data	X		
Scintillation			X
Augmentation (RTK/SBAS)	X	X	X

Why Spirent PNT Testing Services?

Spirent has spent over 30 years at the forefront of PNT, working with the defence, space, and commercial industry sectors to evaluate and test PNT solution performance.

Our test engineers and consultants have many years of professional test experience, combined with in-depth knowledge of PNT testing hardware and software. We can help you get started faster and make full use of Spirent's expertise to assure every aspect of your product's PNT capabilities.

Contact us to discuss your PNT test programme today.

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