

## **LOCOSYS** Spirent Case Study

### **Brief Introduction**

LOCOSYS is a R&D focused company with very strong technical team at its core. This team acts as the backbone to the company strategy of being the leader in its targeted GPS market. All of our team members have been engaged in the field of electronics, navigation, communication and GPS related application for many years.

LOCOSYS design capabilities and technical expertise in developing innovative GPS products and modules have provided an edge over most of our competitors in the GPS marketplace. LOCOSYS also provides GPS related end-products.

The mass production of our product range is outsourced to our carefully selected third-party manufacturers who along with LOCOSYS have years of experience in the GPS market. Outstanding product design capabilities along with skilled technical support staff are our biggest assets enabling production of high quality products distributed via our worldwide sales network.

### **The Challenge**

LOCOSYS is not just a professional GPS manufacturer, we also provides a one-stop shop of service and support to our customers. We needed a GPS simulation platform that was flexible enough to support our own design needs as well as our customers' GPS device evaluation and testing needs.

Therefore the required solution would need to be easy to use and would need to cover a broad range to final product test requirements without affecting the excellent overall performance of the end product.

### **The Solution**

Spirent's STR4500\* Multi Channel scenario replay simulation system with SimPLEX software provided the total simulation solution we needed. Its ease of use combined with a very wide range of pre-installed test scenarios including vehicle, ship and aircraft meant we could get our test setup up and running very quickly. Any additional test scenarios required were available via the Spirent website.

\*The STR4500 has now been superseded by the GSS6700

Spirent's unrivalled experience and expertise in GNSS simulation ensures accurate results that customers trust and rely on to evaluate their products and applications. Contact us to find out how Spirent solutions can help you.

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### **Benefits**

The STR4500 has been so easy to use, which was a key requirement for us and the SimPLEX software let us to spend a minimum amount of time configuring and running our GPS hardware and software simulations. The STR4500 allows us to simulate any of our customers' issues helping

to reduce the time it takes to resolve any of those outstanding customer issues which in turn keeps our customers happy. In addition, Spirent provides excellent customer service and they handle any problems or questions we encounter quickly and efficiently.

### **Customer Quote**

"Spirent's STR4500 and SimPLEX GPS simulator is easy to operate and satisfies most of our customer product simulation issues"

**Mr Derlun Yeh, Director of FAE, LOCOSYS Technology Inc.**

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