

Live golfing feedback is suddenly a hole lot better

Customer



Project Location

40,000+ golf courses worldwide!

Challenges

- Measuring golfer distance from targets
- Positioning hole
- Positioning golfer
- Small form factor
- Long battery life

Solution

Hornet ORG1510

Impact

- Golfer and hole are precisely positioned
- Accurate swing positions facilitate spot-on live feedback
- Prolonged operation
- Compact device



Shot Scope V2
Performance enhancing golf watch

Background

Shot Scope Technologies is a golf technology company located in Edinburgh, Scotland. Shot Scope develops advanced golf watches providing golfers ultra-accurate distance measurements to track, improve and play their best game.

Shot Scope V2, the second generation of the successful Shot Scope golf watch, has been released, and golfers worldwide are excited to improve their swing accuracy and game performance with the new reveal. Shot Scope V2 automatically collects performance information and provides golfers precise distances to front, middle and back, and live feedback. Compliant for use in professional games, the compact device performs all the magic by itself, and does not require a phone or manual club tagging.

Challenges

The busy streets of Edinburgh were the backdrop for Shot Scope's stringent module testing, as its search for a small, reliable and extremely accurate GPS solution got underway.

Shot Scope quickly discovered that a GPS chip with a patch antenna did not return adequate gain, and narrowed its search to a high-performance, antenna-integrated module. Also essential was GPS positioning accuracy - key to developing cutting-edge golf technology, and to achieving crucial distance measurements, such as positioning of the hole, and the golfer, and the golfer's distance from targets. Another essential feature sought was long-lasting performance, as a typical game of golf easily lasts 4 hours.

Solution

OriginGPS' GPS/GNSS Hornet ORG1510 was selected due to its size and sensitivity. Additional deciding factors included power efficiency; the small-sized battery helps maintain the module's renowned small form factor, and customer support; OriginGPS engineers provided Shot Scope quick and effective feedback to implement improvements during the process.

Results

Golfers today will revel in the performance improving application. The highly sensitive Hornet ORG1510 enables capturing accurate positions when golfers swing their clubs, performance information is immediately processed and live feedback facilitated and provided to the golfers. The precision provided by OriginGPS' solution during swings specifies the exact location of the swinger, resulting in excellent live feedback. Golfers will have a ball with Shot Scope's ultra-accurate performance app!

After evaluating many GPS solutions, we opted for the Hornet ORG1510 due its size and sensitivity.

During the development phase we were very impressed by the support provided by the OriginGPS engineering team. This included the provision of evaluation boards and software, as well as a fast turn-around on customized samples.

We look forward to going into volume production with OriginGPS.