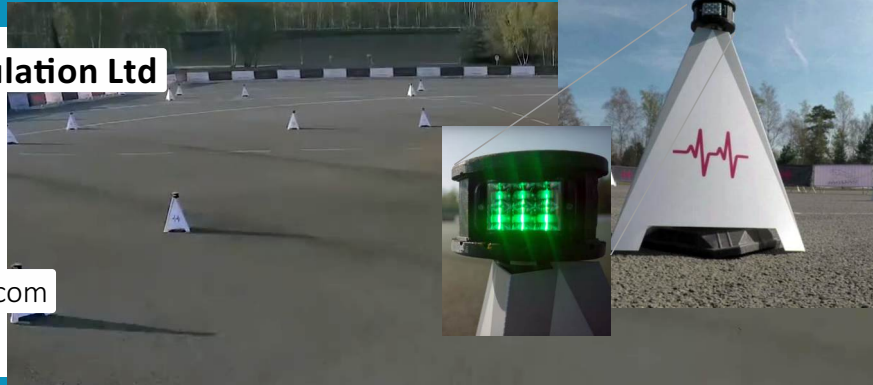


Test your driver's reflex with smart cones

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less than **0.5** second to set up the whole game

over **20** sets in heavy use all over the world

up to **47** smart cones in one network



The Idea

The big challenge for the company SFS Simulation was to design a reliable wireless system for the **SmartCone Challenge** game in which drivers test their driving perception. The set of cones had to be controlled dynamically, reliably with minimal latency and working on batteries.



The Solution

The solution consists of a set of cones equipped with signaling lights and IQRF wireless communication. There are usually about 30 cones in the network that light up according to the chosen scenario. Game scenarios can be customized by the customer. Search for the **Smart Cone Challenge** on the web. [↗](#)



The Results

The Smartcone system has been very successful, and now have **24 sets** in heavy use all over the world. **World-famous car producers** use this system to promote their cars, where people can try out the car features just by using this game. Only two nodes failed in service, and only because they were destroyed by vehicles.



The IQRF Benefits

Smart cones can be controlled dynamically and reliably with **minimal latency** thanks to wireless reliable IQRF communication. Transceivers in IQRF cones are powered by a **battery** and the firmware can be upgraded through an **OTA** functionality.