Now Anyone Can Time any kind of race!

From 5K’s to triathlons, we make your timing challenges easy.

Our timing system and Orbiter 4 software, just released, is different in every way.

Read on to learn why...

Ultimate Mobility...
Software powered by wireless tablets, laptops and smart phones.

Orbiter, Inc.  13500 Pacific Avenue South, Tacoma WA 98404
Why Elite Timers are Switching to the Orbiter 4 System.

Triathlons are known to be one of the most difficult races to time. Now, with the easy to use Orbiter software, a novice can time any human powered event with ease. How do we know? We rent our systems to novices every weekend and they tell us they have positive results every time!

Elite timers are increasingly choosing Orbiter, because of ease of use and sophisticated control that allows for timing precision equal to any UHF, LF or HF product.

In addition, we can now offer Orbiter software in the language of your choice making it even easier for you, and your associates to time events in your native language.

Orbiter systems are lightweight, easy to use and offer mobility unlike any other system available on the market today!

Plus, you can save money by purchasing the raw inlays from us and encoding your own tags using our encoding software. This means Economy! We are here to help you become successful and make more money by providing you a distinct competitive advantage.

“The Orbiter system is very easy to use. The setup was a breeze and the system and reports worked flawlessly.”

- Paul Curley, 26 Time Cyclocross National Champion
Powerful Hardware & Software Platform

The Orbiter 4 software allows for running many events at the same time located at the same or different locations with individual and team enrollment. Timing results are wirelessly downloaded to a tablet or laptop, or Smartphone by embedded dual cell / wi-fi modem. Optional posts to the Internet and tweeted to participants’ phones. The software tracks individual and team results which are important to nonprofit fund-raising. There is no need to know IP addressability to communicate with the timing detectors because the Orbiter system auto connects making it easy for anyone to use. This allows Orbiters to be placed into remote areas and set-up outside of wireless range of each other and the server. The benefit to this is no day prior to event site survey necessary. Just place the Orbiters where the event manager desires and run the race. The Orbiter system is a portable, all in one system. Its all-weather design is ideal for summer or winter races in extreme weather.

Rated Best Triathlon Tag

- Nationally Recognized Triathlete Timer, Craig Felty

Orbiter’s passive three dimensional antenna on the tag is the best performing tag known. It is unique because it has 2 issued patents and reads in all directions equally.

Orbiter detector software knows where the tag was detected by geo-location. This makes automatic reports accurate even when participants leave a transition and come back in and out. 2. Smart detectors means less editing. 3. Smart detectors also means that each may be set differently depending on your desires. For example, make the detector record first tag detect, or last tag detect, or phased detect or change virtual power levels.
Introducing Orbiter 4 Race Timing Software. Creating a radically different approach.

Check The Orbiter 4 Difference!

- Two softwares, in one, inside the reader and another inside your wireless tablet as a server. This means more versatility as the detectors are smart and independent making detections decisions.
- Precise control for detectors by timing point. Your choice of first tag detect, last tag detect and phased detect (better than strength of signal) allows for immediate changes when needed.
- Orbiter Live! Even more alive with advanced Wi-Fi / Data Cellular. Faster real time results because our wi-fi and cellular operate simultaneously. Other systems can only operate one or the other and the timer manually upload results. Also, Orbiter gains preference to a cell tower the same as police and fire so your results get to users more quickly.
- We track People not RFID chip tags. No more need for two tags per person. Run events past midnight and even continuously all year long. Lose a tag, don’t lose the runners data, just give them another tag. One tag tracks multiple events.
- Optional Displays with up to 5,000 lumens for bright results which sponsors love in direct sun light.
- Optional Displays with walk up results. Just be within 15 feet of the display and the participant tag is read and results posted for all to see. Multiple people shown at the same time. No more dirty muddy kiosks from grimy fingers tapping on the screens.
- Japser Reports provides standard and custom reports.

The Core Orbiter Advantage!

- ORP - Orbiter Reader Protocol ™ software solves the LLRP (low level reader protocol) problem found with other systems. LLRP was designed for proximity card door access applications and is not robust enough to handle mass road-race applications. This code also made the Pelican Time Control Box obsolete in other systems. ORP makes the Orbiter detector light weight and mobile.
- Reprocessing - Original Orbiter software code, allows changing of data or reader set up during and after a race. It is why there are only three rules with Orbiter to gain a successful race: (1) Turn on the machine, (2) know who you have the tags to, and (3) be sure the machine beeps when a person finishes. All the rest may be set up and changed during and after the race because of Reprocessing.