

SATELLITE TRACKING

PhotoCrazy developed a proprietary Satellite Tracking system for bicyclists.

This system does not require cell or internet connectivity and is ideally suited for bicycle events in remote areas.

Each bicyclist has a small RFID Label on their helmet and RFID readers are strategically placed along the various courses to monitor in real time as riders pass by. Each RFID reader transmits data to 60 low orbit satellites which in turn send the data to servers for immediate tabulation and website display.



**Click to
View
Video**



The tracking results are displayed on our www.photocrazy.com home page on the day of the event. This allows anyone (participants, friends, event staff, SAG Support, etc.) to conveniently view the results as they develop. See example:

Click to view results [COUNT](#); [CHECKPOINTS](#); [KOM](#); [START/FINISH MAP](#)

[CHECKPOINTS](#) provide an important safety feature by tracking riders and mobilizing SAG support if a rider is not detected at a location he/she should have passed. A rider was found this way at a recent event after a bad fall in a remote area without cell phone coverage. He was hospitalized and recovered fully.

KOM, Speed Challenges or Start/Finish are usually grouped by Age and Gender as well as Overall results when such information is made available to us.

It is important to recognize that the Speed Challenges, KOM or Start/Finish are NOT races but PERSONAL BEST timing results. We encourage staggered starts to avoid dangerous competitive group riding. We can accommodate gun starts when necessary.

We offer our Satellite Tracking services for an introductory cost of only \$2/rider. We have numerous pricing packages that make our services very affordable.