



The **iCard™** System, when connected to STAT Timing, Timing and Scoring (T&S) system, receives its information for view by team members and fans. The T&S system consists of a transponder that is attached to each car and which transmits a unique "signature" such that each time the transponder passes over a timing loop a signal is sent to the T&S computer indicating that the car has passed the timing loop.

The T&S computer then calculates the time, marries the transponder signal with a competitor name and car number, and records the result lap after lap. The T&S computer, as a normal part of its operating function, generates an output stream of messages and it is this data stream that the **iCard™** computer program receives. Consequently, the **iCard™** system simply passes information from the T&S system to your handheld **iCard™**.

The **iCard™** System consists of the following elements:

- The **iCard™** software that receives the Timing and Scoring information and prepares it for broadcast.
- **iCard™** transmitter and antenna that sends the **iCard™** broadcast.
- **iCard™** receivers that receive and decipher the **iCard™** broadcast for display on a Nintendo Game Boy

The **iCard™** system transmits information very fast, with data prioritized and sent in this fixed order:

- Leaderboard information
- Driver Page timing results
- Scrolling message updates
- Menu page and Driver Page information other than timing results

As a result, the **iCard™** system accommodates instantaneous updates, even in events featuring 30 or more competitors.



## Current Session

The Timing and Scoring system calculates competitor results differently depending on the session currently scored.

Practice and Qualifying Sessions: competitor position is arranged with the fastest single lap by a competitor within an entire session determining that competitor's rank among in the field.

Default display information is as follows:

- Leaderboard: overall rank/car no./best lap time/gap from overall leader
- Driver Page: overall rank/rank in class/last lap time/gap from overall leader

Once a session is complete and once the T&S Administrator begins a new session, the final standings of the existing session are moved to the "Previous Session" page and accessible from the main menu.

Race: competitor position is arranged in sequence by the current track position. When a competitor is a lap or more behind the leader, the gap is calculated and displayed as the number of laps behind. When a competitor is less than a lap behind the leader, the gap is displayed in seconds or minutes and seconds (e.g. 12.834 seconds or 1:23 minutes and seconds). Default display information is as follows:

- Leaderboard: overall rank/car no./best lap time/gap from overall leader
- Driver Page: overall rank/rank in class/last lap time/gap from overall leader

Once a session is complete and once the T&S Administrator begins a new session, the final standings of the existing session are moved to the "Previous Session" page and accessible from the main menu.

## Previous Session

This page displays the final results of the session immediately preceding that which is currently displayed on the leaderboard page.

## Scrolling Message Updates

Scrolling message updates are generated by manual input or automatically by the **iCard™** operating software. Automatically generated messages are done whenever one of the top three positions change within a given racing class. Manual updates may be displayed whenever the event T&S operator types in a message for distribution to **iCard™** users.

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**iCard® Classic** slips into Nintendo's GameBoy displays to receive all the excitement as fast as it unfolds. iCard® Classic works with GameBoy Color, Advance, and Advance SP for the ultimate in platform durability, simplicity, and portability. iCard® Classic displays real-time information and archives practice, qualifying, or race results. Information varies depending on the event but can include event schedule, schedule updates, individual driver pages, class pages, and more.

iCard® Classic includes:

- Quick Start Guide
- Instructions
- Scrolling message capability
- Functions at all iCard® supported events

· Dual-channel capability (important when two different races take place at the same track) **\$129.95 USD**



**iCard® Pro** features all the features and benefits of iCard® Classic packed in a more rugged design. iCard® Pro includes improved circuitry protection important for race officials, competitors, and serious fans who come to depend on iCard® as an essential part of their race-day tool kit.

iCard® Pro works with GameBoy Color, Advance, and Advance SP for the ultimate in platform durability, simplicity, and portability. iCard® Pro displays real-time information and archives practice, qualifying, or race results. Information varies depending on the event but can include event schedule, schedule updates, individual driver pages, class pages, and more.

iCard® Pro includes:

- Enhance assembly for improved impact resistance
- Quick Start Guide and instructions
- Scrolling message capability
- Functions at all iCard® supported events

· Dual-channel capability (important when two different races take place at the same track) **\$199.95 USD**



**iCard® USB** is a racer's dream; real-time information streamed wirelessly and archived on a PC or laptop for later review and analysis. iCard® USB is a must-have for race officials, team managers, and media professionals.

iCard® USB works with any laptop or PC with these minimum requirements: USB 1.0, Pentium II (350 MHz) processor, Windows 98SE, 2000, ME, or XP.

iCard® USB displays real-time information and archives all information broadcast at the event: each competitor's information lap, by lap, run by run. Information varies depending on the event but can include event schedule, schedule updates, individual driver pages, class pages, and more.

iCard® USB saves information in .csv format which is commonly imported into Excel, Lotus, or other spreadsheet application for later analysis, review, and troubleshooting.

iCard® USB includes:

- iCard® USB receiver and cable
- Quick Start Guide and instructions
- Software designed just for your needs iView for transponder-scored races (oval, road, and kart racing)
- detachable antenna
- Functions at all iCard® supported events
- Dual-channel capability (important when two races take place at the same track) **\$299.95 USD**

## iCard works at all these Pro events!

National Hot Rod Assn.  
International Hot Rod Assn.  
Indy Racing League  
Champ Car World Series  
USAR Hooter's Pro Cup  
American Le Mans Series  
Grand Am Road Racing Series  
USAC Silver Crown  
SCCA World Challenge  
Trans Am Series

## ... and at these SCCA region road races!

All Southwest Division events, Arizona, Buccaneer, Cal Club, Central Carolina, Central Florida (our very first customer ever!), Chicago, Colorado, Fingerlakes, Florida, Milwaukee, NEOhio, North Carolina, Ohio Valley, Portland, South Carolina, Steel Cities, St. Louis, Washington, DC, and Western Michigan. PLUS... at the June Sprints and the RUNOFFS!