AMB-IT & RMonitor General Information and Acceptance

Track Timing Software Solutions and AMB i.t. provide a Microsoft "Windows" software program called RMONITOR that can be used by teams or spectators at the track to display "live" timing and scoring results during an event.

Spectators or teams can view results from the Timing System on a wireless laptop at the track. Users will need a laptop computer that runs MS Windows (can be XP or Vista.) The laptop must have a wireless (WIFI) adapter in order to get the RMONITOR program to connect to the scoring system through a standard wireless network.

Please note, the availability of the RMONITOR network feed from the speedway timing system is **not guaranteed** and the data is **not warranted** to be accurate. The feed is provided as a service to the race teams and spectators to enhance the racing experience at the event. The official results of the event will be posted on the speedway web site.

The RMONITOR program is supplied "as is" and is made available here according to the Software License Agreement as provided by AMB i.t. By using this software, you are agreeing to the terms of that Software License Agreement.

How To use RMonitor To View Live Timing and Scoring from AMB-IT

RMonitor is a small add-on program used by **AMB-IT** timing and scoring that allows fans and or race teams to view the live timing and scoring as a race is taking place. The **RMonitor** system is not results based, but will actually show the live timing and scoring. The system utilizes the **Orbits Timing and Scoring** software and intercepts the **TIMING** screen from the main server and displays the results on your computer screen. We utilize a wireless access point that is located in the tower so the range and power of that signal may vary at the speedway. To thoroughly test your system, first perform a test run near the base of the tower.

The following instructions are general instructions for setting up your laptop computer to view live timing and scoring at Selinsgrove Speedway. You will need to have some computer experience with wireless networks in order to complete the installation and setup. You will need a wireless network card in order to connect.

1. First, you must download and install the **RMonitor** setup program from the speedway website. The file is named **RMonitor_Setup.exe** Download and save the setup program to your local computer either on the desktop or on drive "C".
2. Once downloaded, simply double click on the file on your desktop to install.
3. Depending on your version of Windows, you may need to click **RUN** or **CONTINUE**
4. On the Welcome screen, click **NEXT**
5. On the License Agreement, click **YES**
6. On the Destination Directory, click **NEXT**
7. On the Start Menu Folder, click **NEXT**
8. Choose Create A Desktop Icon and then **NEXT**
9. Click on **INSTALL**
10. Click on **FINISH** to Launch **RMonitor** and then **Exit** RMonitor

11. Before you can use the program, you must connect to the wireless network at the speedway. Again, depending on your version of windows, the instructions may be different. You will need to have some knowledge of connecting your computer to a wireless network. But, in general, you should click on the network icon (two computer screens) in the lower right hand corner of your screen to view the wireless connections available. Unless you have two wireless network cards, you can either connect to the live timing and scoring or you can connect to the internet. You can not access both at the same time unless you have two wireless network cards. To connect to the live timing and scoring, you will want to connect to the wireless router called **AMBIT**. To connect to the internet, connect to the router called **BELKIN54G**

12. Once you are connected to the **AMBIT** system, launch the **RMonitor** shortcut on your desktop. Once the program starts, you'll need to configure your system one time.
13. Click on **SETTINGS** and then **COMMUNICATIONS**
14. Choose **TCPIP**
15. **IP ADDRESS** should read: **192.168.7.101** and **Port Number** should be **50000**
16. Click on **OK**
17. If your computer is communicating with the server in the tower, you will see red and green blinking lights in the lower right hand corner of your screen. If there is a problem, you will receive a message stating **failed to open TCPIP Connection**.
18. Click on **SETTINGS** and then **GENERAL INFO**
19. Place a checkmark in the following boxes: **Flag, Laps to Go, Best lap, Best lap time, Best speed, Best name, and Run Description** then click on **OK**
20. You should now see those items at the bottom of the screen. This is referred to as the **LAYOUT**
21. Click on **SETTINGS** and then **MISCELLANEOUS**. Place a check mark in the box labeled **SHOW FLAG**. Leave the other fields as they are and click **OK**
22. Click on **FILE** then **NEW RESULT WINDOW** then **CURRENT RACE RESULTS**
23. Choose the following boxes: **Pos, Car, Combined Name, Laps, Total Time, Last lap time, best lap, best lap-time, last speed, best speed, and Different** then **OK**
24. If you need to make changes to what you just performed, double click on the white window.
25. Click on **FILE** and then **NEW RESULT WINDOW** then **PRACTICE RESULTS**
26. Choose the following boxes: **Pos, Car, Combined Name, Laps, Total Time, Last lap time, best lap, best lap-time, last speed, best speed, and Different** then **OK**
27. If you need to make changes to what you just performed, double click on the white window.
28. You should always have these two windows open and simply toggle back and forth by clicking on the window header.   The **Current Race Results** window is used for races (Heats, B-Mains, A-Mains) and will show results based on running order of the race. The **Practice Results** will be used for hot laps and time trials and show results based on their best lap. These windows should refresh automatically and change as we move from race to race on the scoring monitor and no user intervention is required. Resize your windows as needed.
29. If you wish to closely follow a particular driver, click on **SETTINGS** and then click on **FOLLOW.** Choose the driver in the current race you wish to follow. This driver must have already been timed at least once and then they will appear in a different color on the results screens.
30. Finally, as a caution flag falls or a red flag falls, you will see the flag pop up on the screen indicating such. You do not need to close the flag window. It will disappear when the green flag comes out on the restart.
31. When finished for the evening, simply close the RMonitor program itself. Do NOT close the individual windows inside of RMonitor. If you close the race results, you will need to perform steps 22 through 27 again. If you leave the race results window open and the practice results window open, they will appear automatically the next time you start RMonitor.
32. When you close RMonitor, you will be asked to **SAVE LAYOUT**? Answer **YES**. This will save the layout along the bottom of your RMonitor screen.

We hope fans and teams take advantage of this new technological advance at Selinsgrove Speedway and please let us know how the system is working out.