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Obtaining Lynx products and information

There are three ways to obtain Lynx products and information:

- Go to the Lynx website (http://www.finishlynx.com/) and click the Products link
- Call (978) 556-9780 and ask to speak with someone in sales, or
- Send an email to...
  - **Domestic Sales:** domsales@finishlynx.com
  - **International Sales:** intlsales@finishlynx.com

Obtaining technical support

There are three ways to obtain technical support for Lynx products:

- Go to the Lynx website (http://www.finishlynx.com/) and click the Support link
- Call (978) 556-9780 and ask to speak with someone in tech support, or
- Send an email to...
  - **Technical support:** support@finishlynx.com
New general features

New warning of offline wind gauge

The user can now be warned when the wind gauge does not respond as expected. This feature is specifically added to support real time results when using Regatta Master.

For the Lynx wind gauge, a warning can be received any time there is a problem. For other wind gauges, a warning will only appear after a failed attempt to retrieve a reading.

After a warning is received, there is a two minute hold before another warning will appear.

➢ To turn the warning off/on:
  - Click File|Options... and select the Wind tab
  - Select Off or On.
  - Click Ok.

Note: Warnings are never received while capture or alignment is enabled.

Improved Zero gun test feature

The Zero gun test... now waits for all image to be transferred before the dialog goes away.
➢ To use the Zero gun test… feature:
Create a new event and click Event|Zero gun test... with capture disabled:
- Click Start to start the image capture.
- Wait for a start signal.
- Click Done to transfer all captured image.

![Zero Gun Test dialog box]

Note: Hit Cancel at any time to stop the transfer.

New smart zoom feature

In align mode, you can now shift-click the zoom buttons to “shrink to fit” the image to the vertical size of the window, avoiding the need to scroll.

Note: 2D Align for Vision cameras supports repeated shift-clicks to adjust the horizontal zoom. This can facilitate alignment by zooming into the finish line while still seeing the entire vertical image.

New access to brightness setting

When Auto Gain Control (AGC) is used, the Gain field in both the hardware control and event windows now displays the current Gain as well as Brightness values in the following format:
- <gain> (<brightness>)

Clicking on the field allows the user to edit the Brightness value.

Improved Enhance function

The Enhance function now works on the entire visible image area if no selection is made.
New image Quick Adjust feature

There is a new Quick Adjust image toolbar button that allows one click Image Adjustments by changing the gamma value by 0.10.

➢ **To use the Quick Adjust feature:**
  - Click to adjust by 1-step
  - Shift-click to undo 1-step
  - Ctrl-click to reset

New keyboard shortcuts

Two new keyboard shortcuts have been added to facilitate common operations:
  - Alt-B = Set White Balance
  - Alt-N = Enable/disable Line Labels…

New image options defaults

Changes have been made to the following default Image|Options…:
  - Time Tracking: = All Cameras
  - Show Lines: = Black
  - Zoom selector checked
  - Zoom aspect control checked
Improved image transfer with Lines Labels…

Newly captured image is now displayed faster when Lines Labels… are enabled.

New scoreboard features

New scoreboard scripts

The following scoreboard scripts are now included:

- uTab3S_wind.lss
- DakRTDExtended.lss

New scoreboard script fields

The scoreboard script ;;Results section has two new fields available:

- \19 – Shows the participant’s start time. This is the same field that appears in the LIF file.
- \1a – Shows the participant’s start time for Time Trial mode, only when there is a key match.

The scoreboard script ;;TimeRunning has two new methods available:

- \05 – Shows tenths when running and stopped
- \06 – Shows hundredths when running and stopped

Scoreboard options dialog layout changes

Running time: and Results: have additional options grouped into a single menu control.
To select these grouped options:

Click **Scoreboard|Options...**

- Click the **Options** down arrow to expand the menu.
- Click the desired **Options** to select it.

**Note:** Selected options will appear with a check mark. Click a selected option to deselect it.
New scoreboard running time controls

There are new options to give the user additional flexibility and control over the running time sent to scoreboards.

Four options allow the scoreboard to ignore any or all of the following user commands:

- **Run**, **Pause**, **Finish** and **Stop**.

The last two options allow mapping the **Pause** time to **Finish** function and vice versa.

**Note:** These new options can be set independently for each scoreboard. For example, one scoreboard could stop at the finish of a race, while another continues to show the running time by selecting **Ignore Finish**.
New LapTime features

Improved RRS LapTime device support

Protocol version 1.5 is now used by default and is now received every 3 seconds (instead of every 30 seconds).

New Edit split keys… feature

This new dialog lists all the key values received from a LapTime device during the current event. The user can now fix a mapping between a tag ID and a key value or map any unassociated key.

All keys not being used by a result line appear at the top of the list and are highlighted in RED.

Clicking on a key will show the splits for that key and allow the user to edit the key value. Clicking OK will update the results zone and the map file.

➢ To modify a key value:
   - Click LapTime|Edit split keys...
   - Select the key value to edit
   - Type in new Key Value:
   - Click OK.

Note: Using a map file is not required. If a path and name are specified in the LapTime|Options... dialog, the map file will be updated with new key values.
New Time Trial mode improvements

New support for split features

The following features are now supported in Time Trial mode:

- Split lines
- Split overlays
- Split data modification

Improved Find time… function

The Find time… function is now more flexible in Time Trial mode. If the time entered is before the first start time, it is treated as being elapsed from this start.

Improved scoreboard support of start times

Results are now sent to scoreboards that include the start time field if “One at a time” mode is used and starts are created, deleted or edited.

**Note:** “One at a time” mode causes results to be sent to scoreboards, always one at a time, only when they change.

- Set Results: Auto, Paging ON, Size = 1 and Time = 0.