Dive Live Connect Setup

This document explains how to run your meets with Colorado Time Systems Gen 7 Software. Many love the convenience and power of having Dive Live as their meet management software and wish to connect live with the Colorado Time Systems scoreboards and keypads.

Dive Live Web App

**Colorado Time Systems
Gen 7 Diving**

**Dive Live Connect
(desktop application)**

High level process

- Coaches will set up their diving meets on Dive Live using the app or by logging in at DiveLiveApp.com
- On the day of the meet, the meet director must connect a USB dongle between the Colorado laptop and the Dive Live Connect computer. (Both applications can run on the

same computer, but two separate computers are recommended for clarity.)

- Once Gen 7 is running with the judging and scoreboard wires connected, the meet director should, in Colorado Gen 7, create a meet and proceed to the Events screen to set up a new event.
- Next, the meet director runs Dive Live Connect and logs in with his/her Dive Live username and password.
- Dive Live Connect displays the list of available meets in the first selection box. After selecting a meet, the list of available events is listed in the second dropdown.
- After selecting an event, the meet director can "Send to Colorado" which will create the event and load all of the divers sheets into Colorado.
- The meet director can now click "Run event" in Colorado and start receiving scores.
- Dive Live will automatically start receiving the scores as well as dive changes and penalties.

Install Dive Live Connect

1. Download the latest version of Dive Live Connect
   a. Older versions can be found here:
      https://github.com/Scores-and-More/DiveLiveConnect/releases
2. Run the executable installer by double clicking

   a.
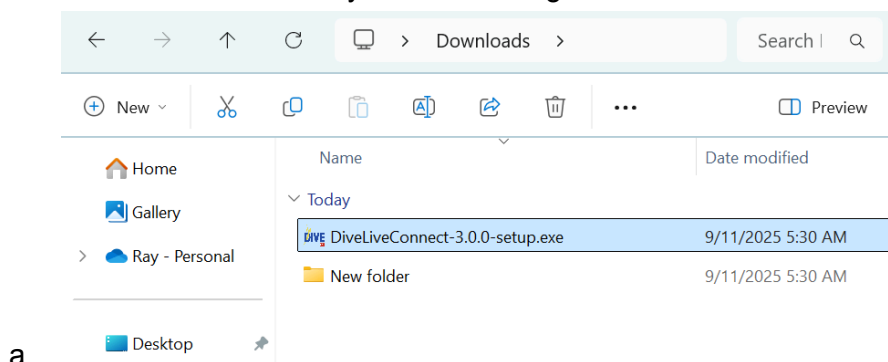
3. No confirmation message will appear. Instead, the installation will place a shortcut icon on your desktop.
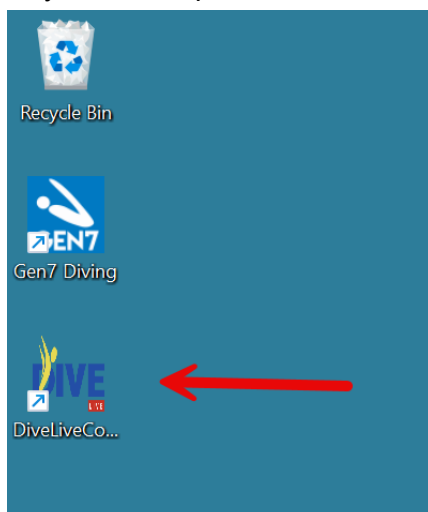
4. Enter the email address and password you use with Dive Live. Note that troubleshooting log files are generated to the directory defaulted in this screen. You can change this directory if you like.

Prerequisites

1. Decide if you will run Gen 7 and Dive Live Connect on the same computer or on separate computers.
   a. If you wish to run them on the same computer, you may need to purchase a USB extender/adapter to give your laptop more ports to connect

   b. Most people prefer to have two separate laptops for better visibility of the applications. However, the setup works fine with just a single computer.
2. Purchase a USB-to-USB dongle (connection device). We recommend purchasing [directly from Colorado Time Systems](#) Although the website may indicate there are no wires in stock, we suggest contacting them via the contact form to order.
3. Make sure you have installed the necessary drivers from FTDI Chip http://www.ftdichip.com/Drivers/VCP.htm and install it on both computers. Note carefully the appropriate installer based on your computer and hardware. The Colorado Time

Systems website normally provides a link to the best version.
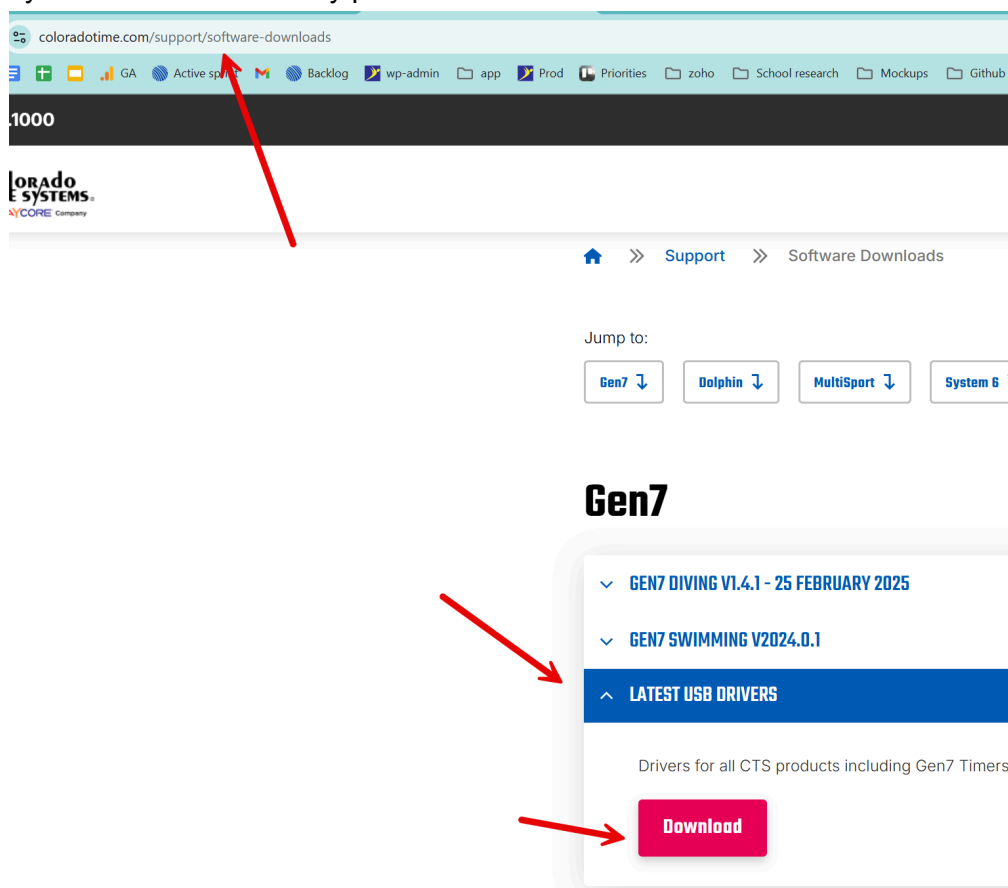
4. Next, make sure you have the [latest version of the Colorado Time Systems Gen 7 Diving](#) application installed.
5. Download and install the latest version of Dive Live Connect. **Note that there is no message upon completion of the installation**. A shortcut will be placed on your desktop.
6. Reboot your computer, just in case!

Setup steps

1. Disconnect your "dongle"
    a. Start without having any wire connected between the Colorado computer and the Dive Live computer (they can be the same computer). You should first open Colorado Gen 7 and connect the first wire before opening Dive Live Connect.

2. Set up the Colorado Time Systems Gen 7 environment
    a. Connect your judging wires and judging console to your Gen 7 computer (if applicable).
    b. Open Gen 7 and proceed to the settings window. Note the entries in your Meet Management Connection dropdown. It will likely be empty. This is also a good

time to make sure you're using the correct DD list (High School or non High School).
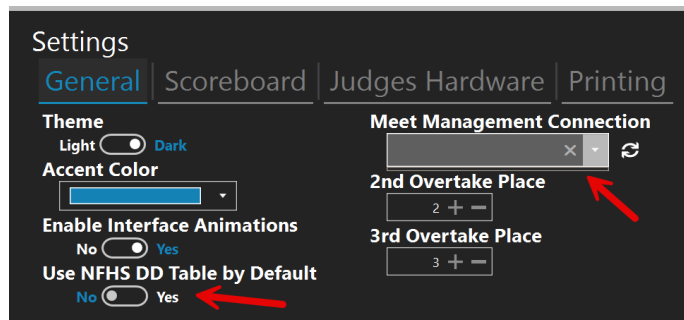
c. Connect one end of your dongle wire to the computer that runs Gen 7
d. Note the newly added port in the Meet Management Connection window after clicking the refresh icon.
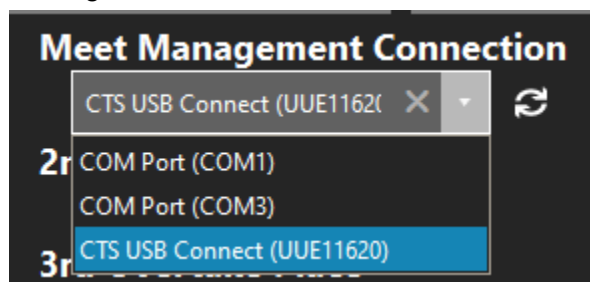
3. Set up the Dive Live Connect environment

a. On the same computer or another computer (recommended), double-click the Dive Live Connect icon.

b.

Upon installation, a shortcut is added to your desktop. Double-click the shortcut on your desktop, or use the Start menu to search for and execute the Dive Live

Connect application
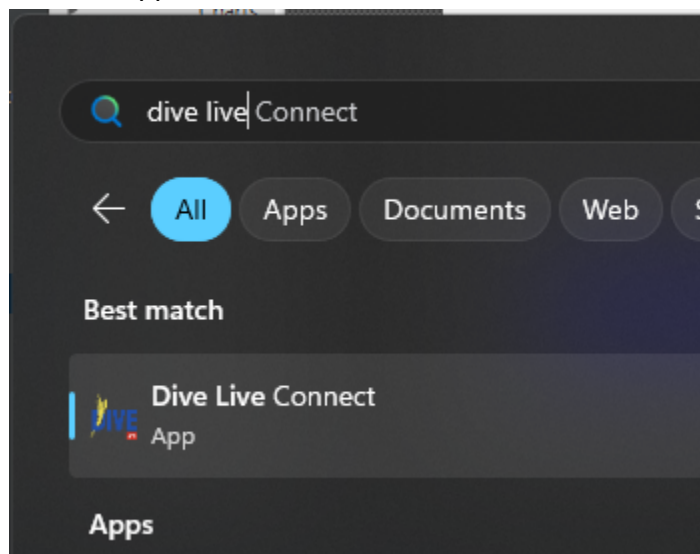
4. Choose your COM port

    a. Click on the gear icon to edit your settings. Specify the correct COM port and click "Connect". If an error message appears, try using a different COM port.

    b. Sign in with your dive live email address and password

5. Create your meet in Colorado Gen 7
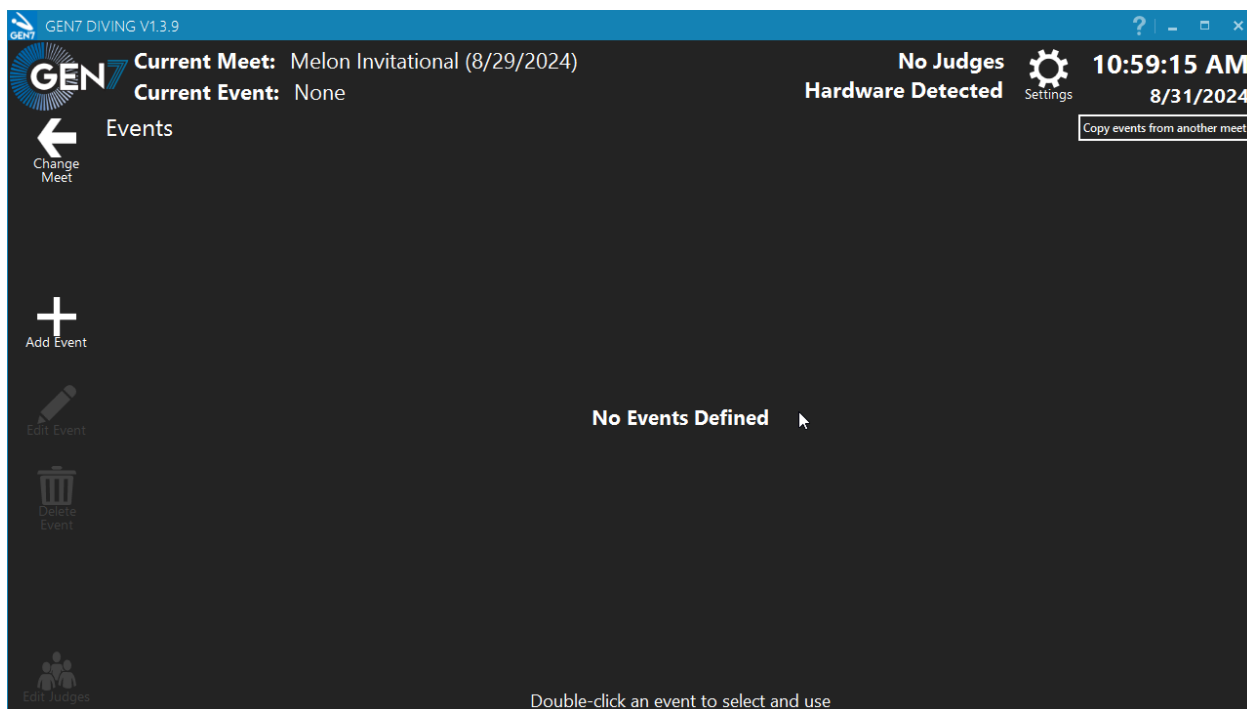
Make sure you are on the "Events" screen. If you are on any other screen, Gen 7 will not be able to receive the event information and dive lists.

6. Select your meet and event

a. Dive Live Connect assumes that only meets that are "live" today or in the future should be run. If you do not see the meet you wish to operate, please confirm that the email address with which you logged in is the same as the one assigned as a meet director in the meet information screen.
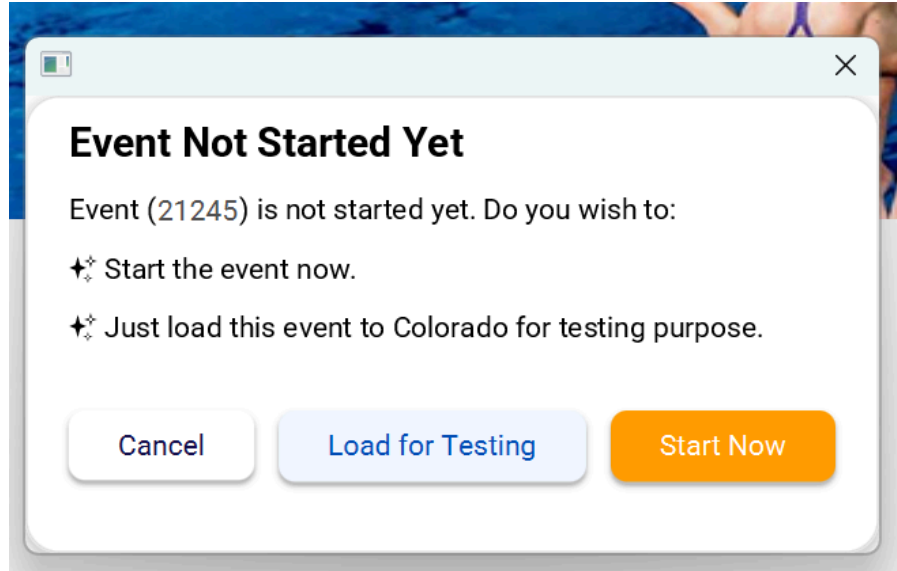
b.

You may see a notification that "The event has not been started in Dive Live". Note that once the event starts in Dive Live, some changes are no longer permitted such as splitting or combining events.

If you just want to check your connections, you can choose the option "Load for Testing" and then "Send to Colorado".

We also strongly recommend using a Mock meet as your first test of the integration.

7. Send the event information to Colorado

a. After clicking "Send to Colorado", the event should be visible in Colorado. This typically takes a few seconds to load.
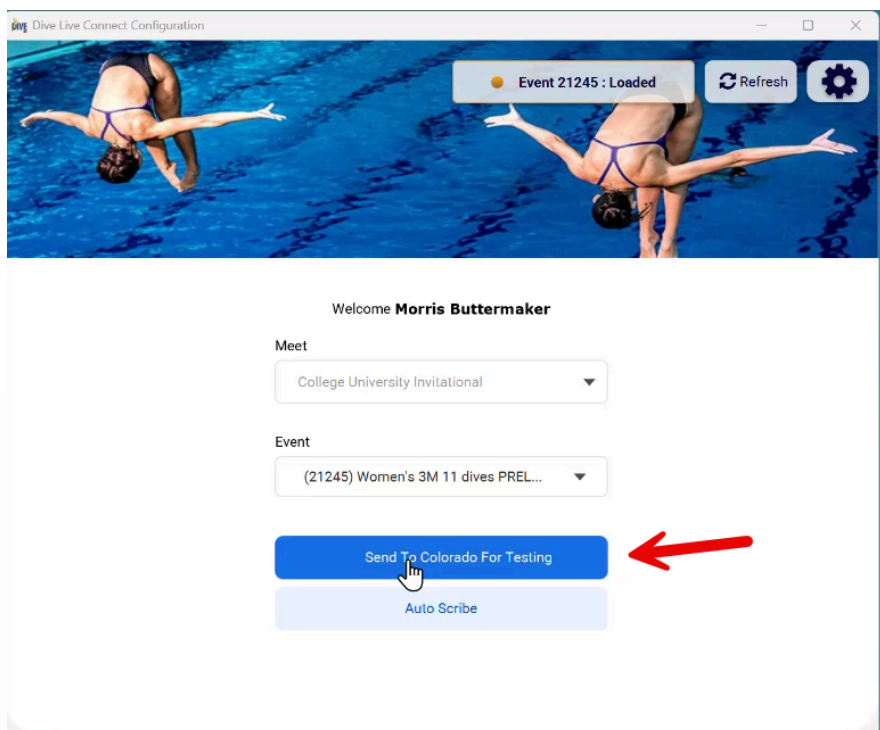
8. Run the event in Colorado

a. As scores are entered in Colorado, they will instantly be sent to Dive Live. Penalties and dive changes are also sent to Dive Live.

9. Re-scoring a dive

a. In the event a dive must be rescored, simply rescore it in Colorado. Scores are automatically sent to Dive Live.
NOTE: You should periodically refresh the page in Dive Live. Sometimes, a dive change or score change is made in Colorado but you will not see it in your browser without refreshing the page. Spectators will see the scores in the live view updated immediately, but the meet administration screen may not be current and may need to be refreshed.

10. Compare results

a. Be sure to compare the results / leaderboard in both systems to identify any dives which may have been scored differently for some reason.

b. **Note that some dives such as Novice dives or events with special rules regarding fixed degrees of difficulty may require special care. You may need to update the dive/dd in Dive Live after the dive is scored.**

11. Finalize the event in Dive Live

a. Once all dives have been scored and the results have been reviewed and approved by the Referee, you should **go into Dive Live, refresh the page**, and

click the **"Finalize results"** button at the bottom of the screen. This will mark the event as "complete", email the divers and coaches with the results, update the team points for the meet, and refresh the diver personal bests and other metrics.

Troubleshooting

COM port error

If this is your first time using Dive Live Connect, please make sure that you have downloaded and installed the drivers for the Chipset required by Colorado Time Systems. http://www.ftdichip.com/Drivers/VCP.htm You may also need to reboot your computer after updating the drivers

To troubleshoot and resolve issues with the COM port, it is recommended to do the following:
- Go to the settings screen in Dive Live Connect and Disconnect the COM port.
- Disconnect the wires from both the Gen 7 and Dive Live Connect computers
- Close Gen 7 and Dive Live Connect
- Open Device Manager by Clicking Start and typing "Device manager" and selecting the application.
  - Scroll down to the "Ports" section and expand it.
- Connect one end of the wire to the Gen 7 computer. Notice which COM port appears in Device Manager.
- Open Gen 7 and go to the Settings and choose that COM port which was identified
- Open Device manager on the Dive Live Connect computer
- Connect the wire to the Dive Live Connect computer and note the new COM port in Device Manager
- Open Dive Live Connect and choose the correct COM port in Settings and click "Connect".

My meet isn't listed

- Make sure you are logged into Dive Live Connect with the same email and password as the account listed as a meet administrator in Dive Live.
- The meet must not be dated in the past. You may need to change the date of the meet in cases where perhaps the meet was postponed/delayed. Contact a Dive Live administrator for help with this to avoid issues if possible.

Checksum error

Please contact Dive Live Support at +1 978-999-2415 for help. This issue most likely cannot be resolved immediately.

Nothing happens in Gen 7

If you've clicked on "Send to Colorado" and nothing happens in Gen 7:

- Make sure you are on the Events screen in Colorado Gen 7 where you can add events. If you are on the meet list or on a screen of an existing event, Gen 7 cannot receive the event instructions.
- In Dive Live Connect, disconnect the COM port in the settings screen, select a different COM port, reconnect, and then try sending the event to Colorado again.
- Make sure the correct COM port is connected in Gen 7 in the Settings
- Please see the COM port connection troubleshooting steps

Note: there may be other limitations of the Gen 7 software such as the maximum number of sub-events or more complex rules for valid sheets which may not be available.

Please contact us with any feedback you have regarding the use of Dive Live Connect to help us improve and expand this feature!

Remove registry entries

To remove registry entries, you can find them in this path:
\HKEY_CURRENT_USER\Software\JavaSoft\Prefs\/S/A/Morado