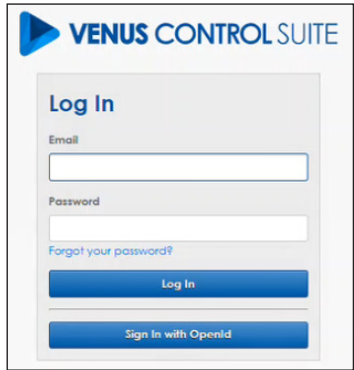


## Prerequisites

Prior to installing the Data Studio Basketball application, ensure the following programs are also installed:

- Venus Control Suite (Version 19.10.1404.0 or later) – same computer as Basketball  
For more information about downloading, installing, or operating VCS, refer to the **Venus Control Suite Operation Manual (DD3315811)**.
- Data Studio (Version 1.0.0.105 or later) – same computer as Basketball  
For more information about Data Studio, refer to the **Data Studio Installation Guide (DD4255808)** and the **Data Studio Quick Guide (DD4255804)**.
- Display/Content Studio (Version 2.18.0.105 or later) – **located on a different computer**  
For more information, consult the Show Control System User Handbook (from within Display Studio, press the Display Studio Hub button and select Help).

**Note:** A DMP-8000 player (Version 8.34.0.105 or later) is required to display the Data Studio Basketball output.



## Login

Double-click the **Data Studio Basketball** desktop icon to open the application in your default web browser. Enter your Venus Control Suite *Email* and *Password*, and then click **Log In**.

**Note:** You must log in to Data Studio Basketball at least once for its data source(s) to appear in Data Studio and Content Studio.

## Set Up Data Providers

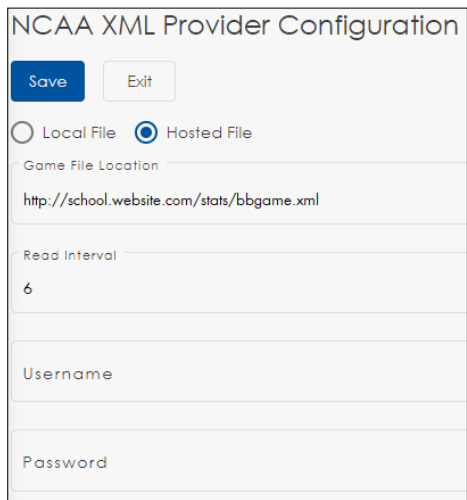
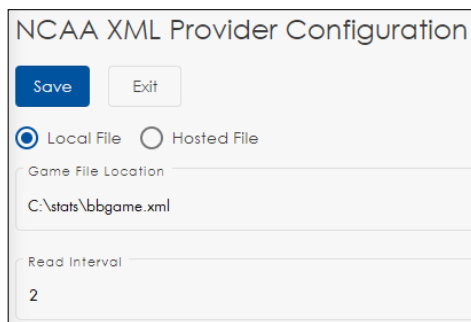
After logging in, go to the **Data Providers** page .

### NCAA XML

Click **Add Data Provider** and select **NCAA XML**. Select **Local File** or **Hosted File**, depending on where the data file is being output to as configured by the third-party data provider. Under the *Game File Location*, type in the *exact full path* to the file. Be sure to use backslashes (\) for local file paths and forwardslashes (/) for FTP and HTTP file paths. Note that the filenames in the screenshots below are just samples; the actual path will vary by facility.

**For most reliable results, save the XML file on the same computer that is running Data Studio if possible.**

Under *Read Interval*, enter a time (in seconds) of how often the file should be read; leaving this set to 0 will update every time the file changes. However, 0 only works if the file is on the same computer as the software and not on a network drive or hosted online. For local files, 2-5 seconds is recommended; for internet-based files, 6-10 seconds is recommended. Be careful not to set the interval faster than the file can be delivered, or a queue of unprocessed files could cause data to lag. The more reliable the internet connection, the more frequent the Read Interval may be.



**Note:** If the file is Hosted, enter the *Username* and *Password* as needed to access the site.


### All Sport

Click **Add Data Provider** and select **All Sport**. Select the *Serial Port Number* (COM port) used to communicate to the All Sport controller from the drop-down list, and then click **Save**.

In most cases, **Control Fixed Digit Stats Panel** should be left enabled.

It is common to want to retransmit information from the All Sport over a network socket while injecting statistical data from a stats provider. To do this, be sure to enable **Rebroadcast All Sport Data** and enter the *UDP Port Number* on which to retransmit the data.

### Set Up Outputs

Once the data providers are configured, go to the **Outputs**  page.

**Note:** By default there will be a *Data Studio API Output* listed on the *Outputs* page. This is not used for NCAA applications at this time and requires no configuration.

### ERTD Scoreboard Output

This output defines how scoreboard Real-Time Data (RTD) is output for Daktronics display controllers.


Click **Add Output** and select **ERTD Scoreboard**. This will typically be set to **UDP** on *Port Number* "21321", but be sure to set this to the communication method used in the facility. Click **Save** when finished.

### TV Feed Output

This output defines how Game-In-Progress (GIP) scoreboard data is output to TV truck docks.

Click **Add Output** and select **TV Feed**. This will typically be set to **Serial** using an available *COM Port Number*, but be sure to set this to the communication method used in the facility. Click **Save** when finished.

### Confirm Data Providers & Outputs

After setting up all desired Data Providers and Outputs, return to the *Data Providers* page , and be sure to select **NCCA Mode** to confirm the configuration.

**Data Providers**

NBA Mode  NCAA Mode

All Sport Provider Configuration

Serial Port Number \*

1

Baud \*

19200

Parity \*

None

Stop Bits \*

1

Control Fixed Digit Stats Panel

Rebroadcast All Sport Data

Port Number

21000

ERTD Scoreboard Output Configuration

UDP  Serial

Port Number

21321

TV Feed Output Configuration

UDP  Serial

Port Number

2


**Any time a change is made (add/edit/delete a Data Provider or Output), be sure to click the NCAA Mode button again and wait for the green check to verify the changes were applied.**

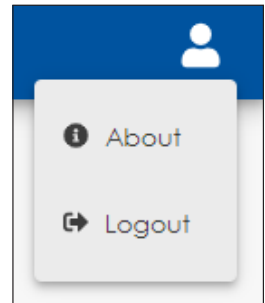


## Stats Dashboard - Coming Soon


The **Stats Dashboard**  is not available for NCAA at this time but will be added in a future release.

### About

Click the user menu icon  in the upper-right corner of the window and select **About** to view contact and program information. Click the down arrows in each section to reveal additional information.



### Logout

Click the user menu icon  in the upper-right corner of the window and select **Logout** to immediately return to the login page. You will also be logged out automatically after an extended period of inactivity.

### Content Studio

Once Data Studio and Data Studio Basketball have been installed and a user logs in, the "Basketball: Data Studio (College XML)" Category in the *Dynamic Data Library* will be visible the next time Content Studio starts. If Content Studio is already running, click the green **Refresh** button next to the Category list.

