



EASY **FLUX** Web

EasyFlux™ Web Self-Hosted
EasyFlux™ Web CSI-Hosted

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1. Introduction

EasyFlux™ Web is a web-based multiuser software system used for monitoring internet-connected Campbell Scientific eddy-covariance stations.

EasyFlux Web functions with a Campbell Scientific CR6 running either the EasyFlux-CR6OP program for open-path eddy-covariance systems or the EasyFlux-CR6CP program for closed-path eddy-covariance systems, or a CR3000 running the EasyFlux-DL program for open-path eddy-covariance systems. When a station is added, EasyFlux Web automatically pulls station information available from the program running in the datalogger (ecosystem, latitude, and longitude).

After adding your stations, you can graphically monitor data including QA/QC values, download data, compare data between stations, and set up alerts to notify you by email of data values outside of user-entered thresholds.

An administrator can set up user accounts and control the rights of each user.

2. Installation & Updates

Installation

There are two installation options for EasyFlux™ Web.

1. **EasyFlux Web CSI-Hosted:** Campbell Scientific can install the software for you in an Azure-based environment and provide a link to access the software.
2. **EasyFlux Web Self-Hosted:** You can install the software directly on your server. When installing the software on your server, the installation process will also install SQL Server Express. EasyFlux Web is then accessed by typing the IP address of the server into a web browser. If EasyFlux Web is installed on your local machine, you can access it by typing **localhost** into a web browser.

Updates

EasyFlux Web CSI-Hosted comes with automatic updates as part of your annual subscription cost.

Your purchase of EasyFlux Web Self-Hosted allows you to receive updates for one year free of charge. From the CSI EasyFlux Web Server Administration Utility^a, press **Check for Updates** and follow the prompts to update your software. After one year, you are required to purchase yearly maintenance agreements to continue receiving updates. After purchasing a maintenance

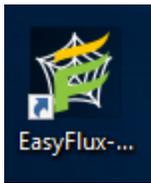
agreement, open the CSI EasyFlux Web Server Administration Utility, and select **Manage License | Register Add-On** to input your maintenance license key. You can then press **Check for Updates** to see if there is an update available.

Add Station Licenses

If additional station licenses are purchased for EasyFlux Web CSI-Hosted, Campbell Scientific will add the licenses for you.

If additional station licenses are purchased for EasyFlux Web Self-Hosted, you must add them by using the CSI EasyFlux Web Server Administration Utility^a. After opening the utility, select **Manage License | Register Add-On** to input the license key. Copy and paste the key from your customer page on the Campbell Scientific website.

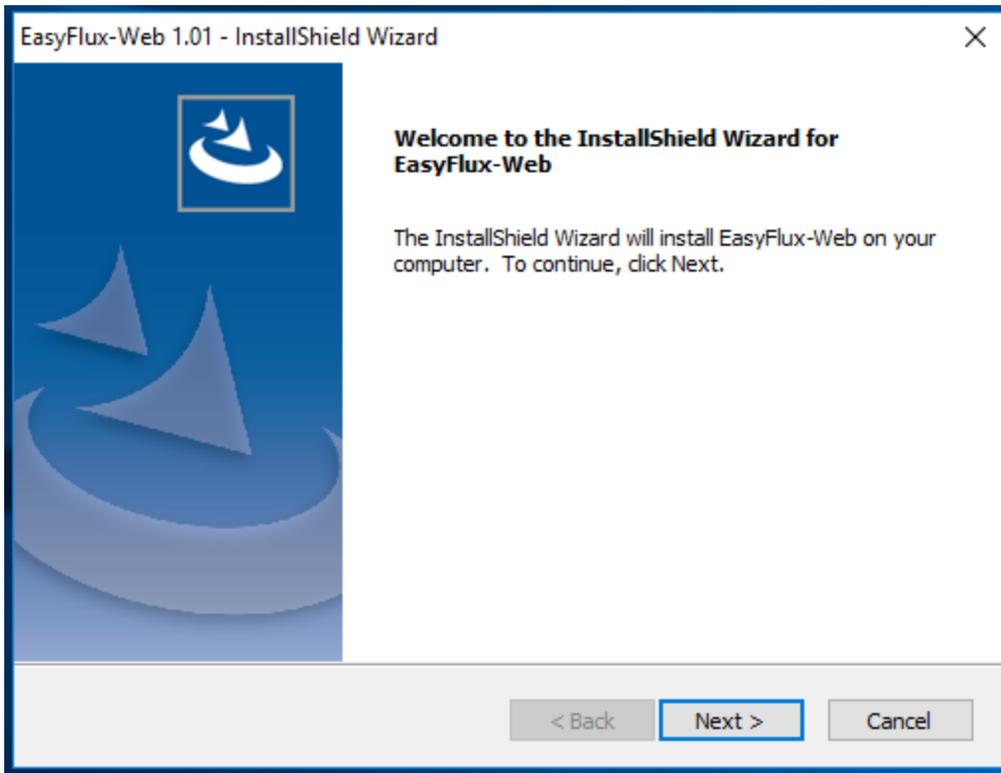
^aCSI EasyFlux Web Server Administration Utility is a separate application. Use the desktop icon to open the application.



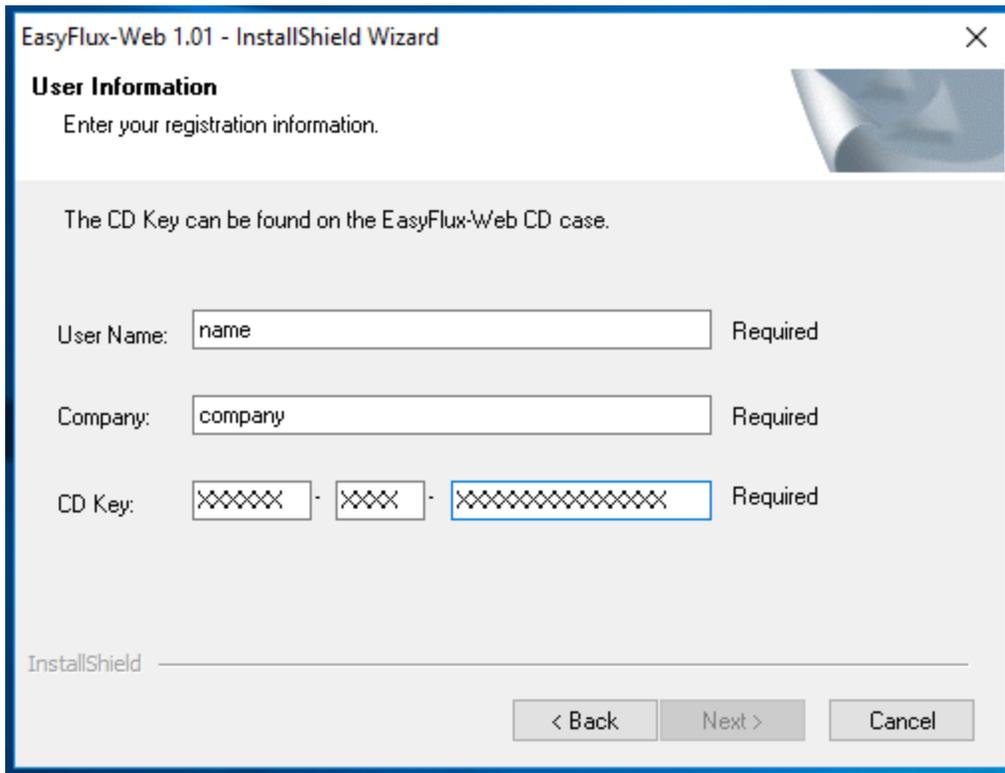
2.1 Installation Instructions

Performing a self-installation on your own machine is very simple. Run your executable file and follow the prompts, using the default settings shown.

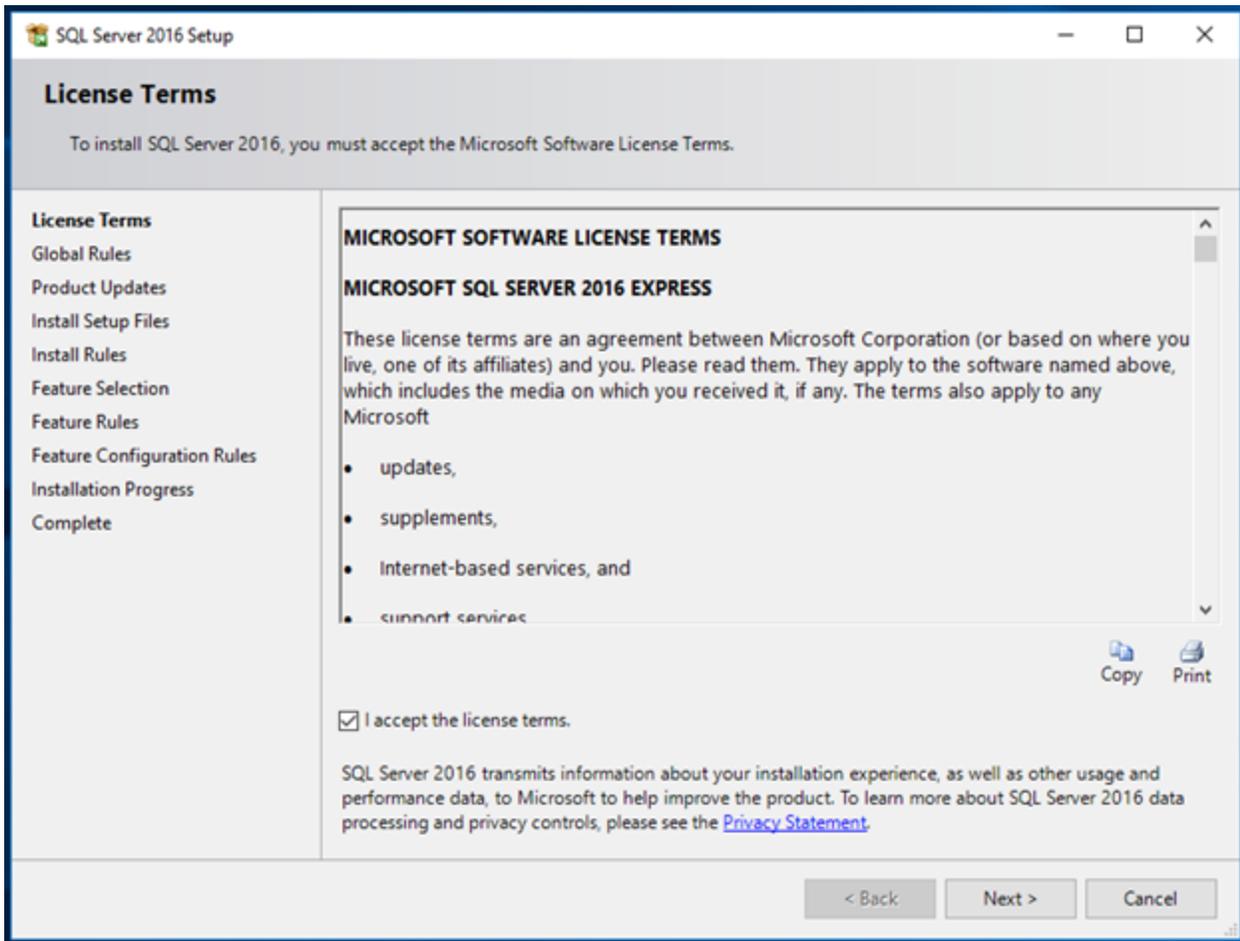
Following is a step-by-step guide to help you through the installation process. Follow each step making sure that what you see is similar to that shown in the following screenshots. At each screen, click **Next** to resume.



At the following step, input a **User Name** and **Company** name. Any name you would like will work. Input the installation key provided to you in the **CD Key** field (note: this is not the same as your station license key).



The screenshot shows a dialog box titled "EasyFlux-Web 1.01 - InstallShield Wizard" with a close button (X) in the top right corner. The main heading is "User Information" with a sub-instruction: "Enter your registration information." Below this, a note states: "The CD Key can be found on the EasyFlux-Web CD case." The form contains three input fields, each labeled as "Required":
1. "User Name:" with a text box containing "name".
2. "Company:" with a text box containing "company".
3. "CD Key:" with three separate text boxes containing "XXXXXX", "XXXX", and "XXXXXXXXXXXXXXXXXX" respectively, separated by hyphens. The third box is highlighted with a blue border.
At the bottom left, the text "InstallShield" is visible. At the bottom right, there are three buttons: "< Back", "Next >", and "Cancel".



SQL Server 2016 Setup

Install Rules

Setup rules identify potential problems that might occur while running Setup. Failures must be corrected before Setup can continue.

License Terms
Global Rules
Product Updates
Install Setup Files
Install Rules
Feature Selection
Feature Rules
Instance Configuration
Server Configuration
Database Engine Configuration
Feature Configuration Rules
Installation Progress
Complete

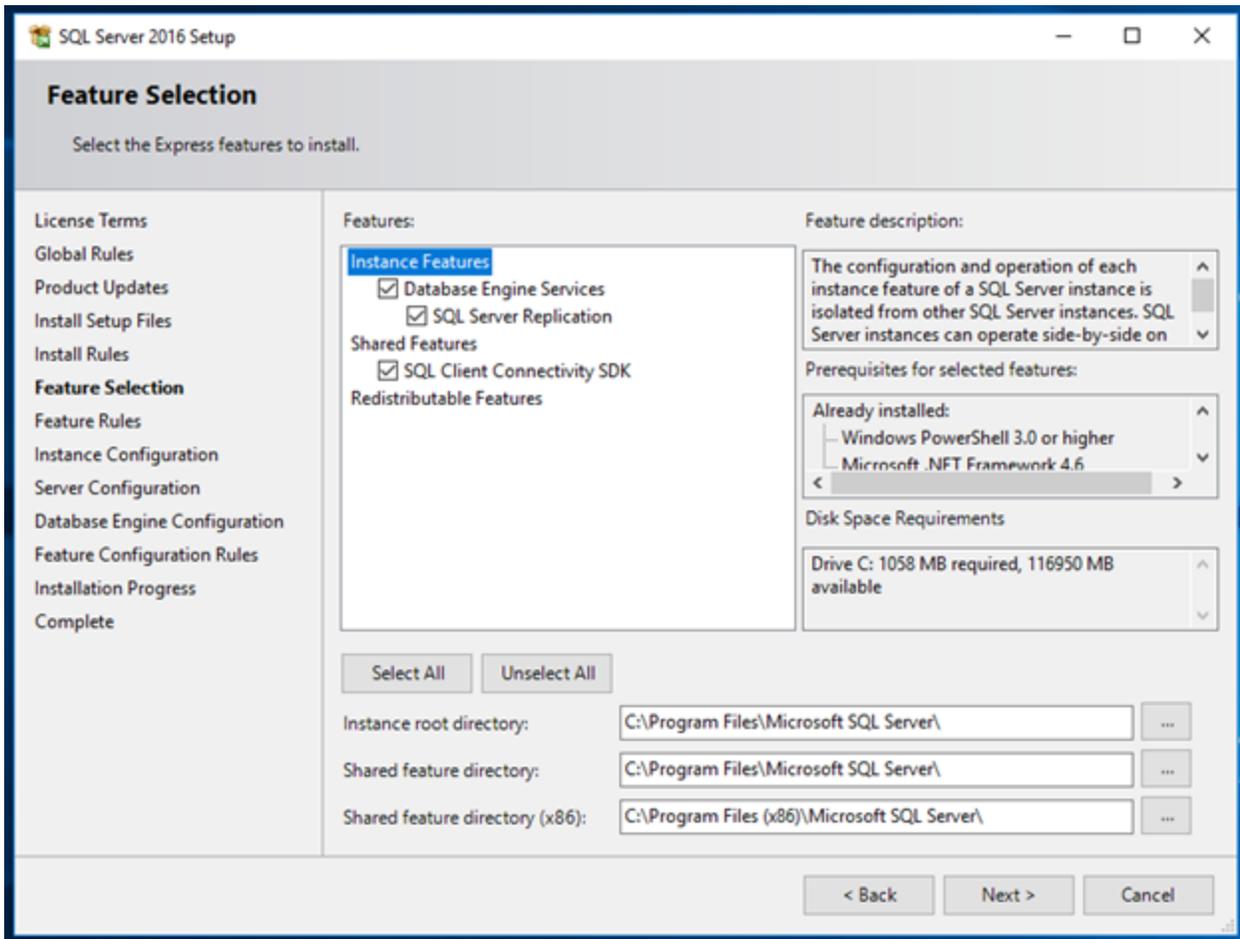
Operation completed. Passed: 4. Failed 0. Warning 1. Skipped 0.

Hide details << Re-run

[View detailed report](#)

	Rule	Status
✓	Fusion Active Template Library (ATL)	Passed
✓	Consistency validation for SQL Server registry keys	Passed
✓	Computer domain controller	Passed
✓	Microsoft .NET Application Security	Passed
⚠	Windows Firewall	Warning

< Back Next > Cancel



SQL Server 2016 Setup

Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

- License Terms
- Global Rules
- Product Updates
- Install Setup Files
- Install Rules
- Feature Selection
- Feature Rules
- Instance Configuration**
- Server Configuration
- Database Engine Configuration
- Feature Configuration Rules
- Installation Progress
- Complete

Default instance

Named instance:

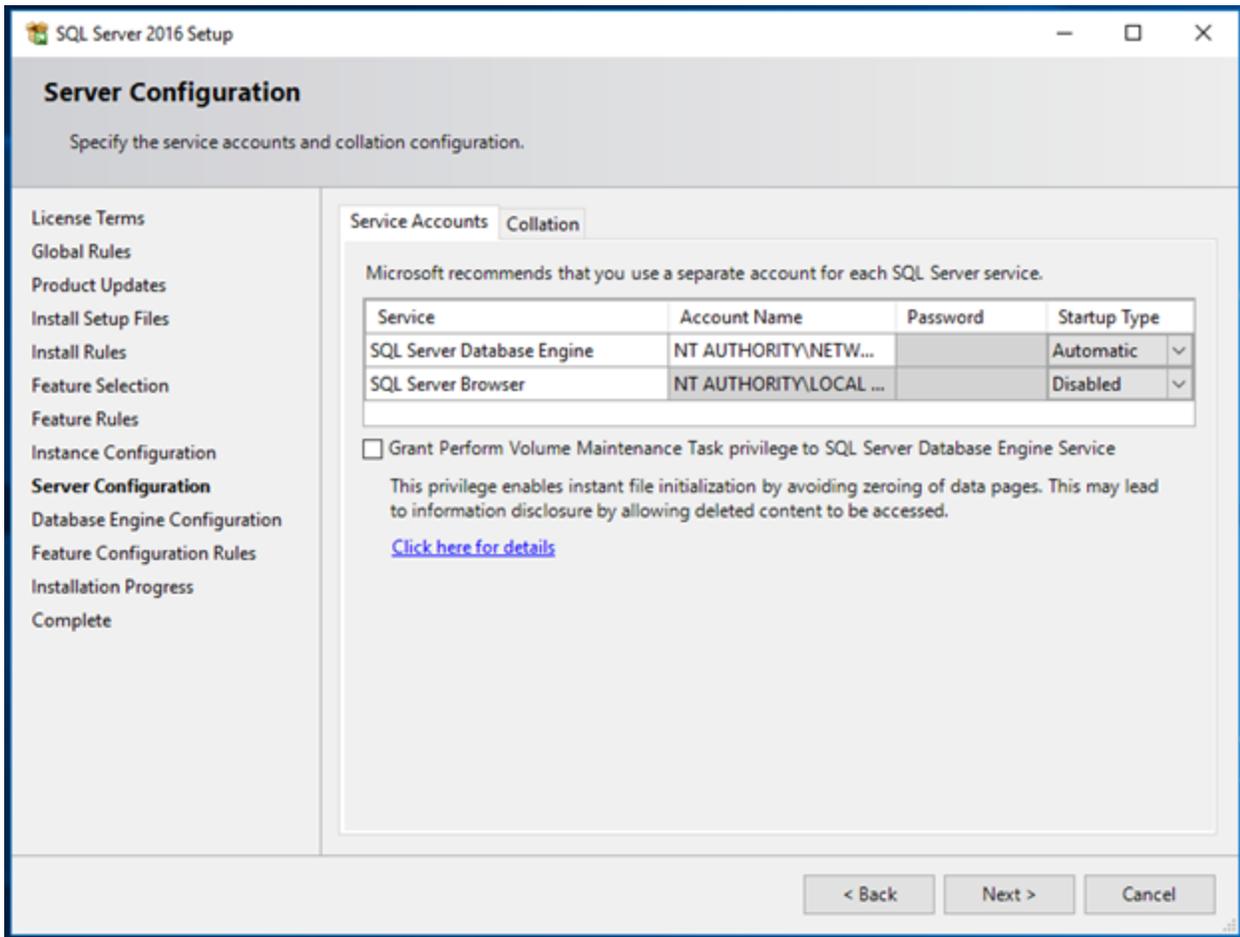
Instance ID:

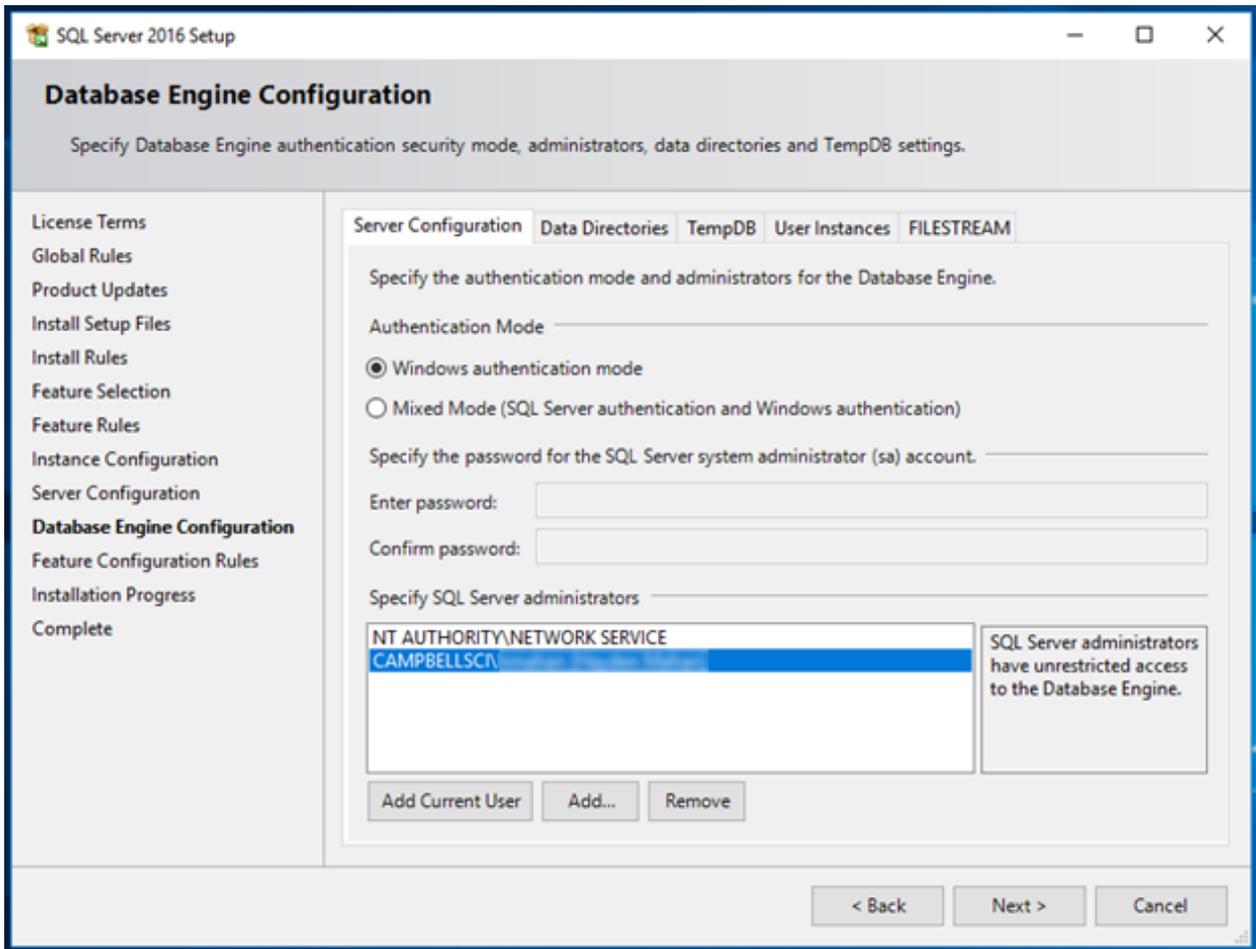
SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL13.EFWeb

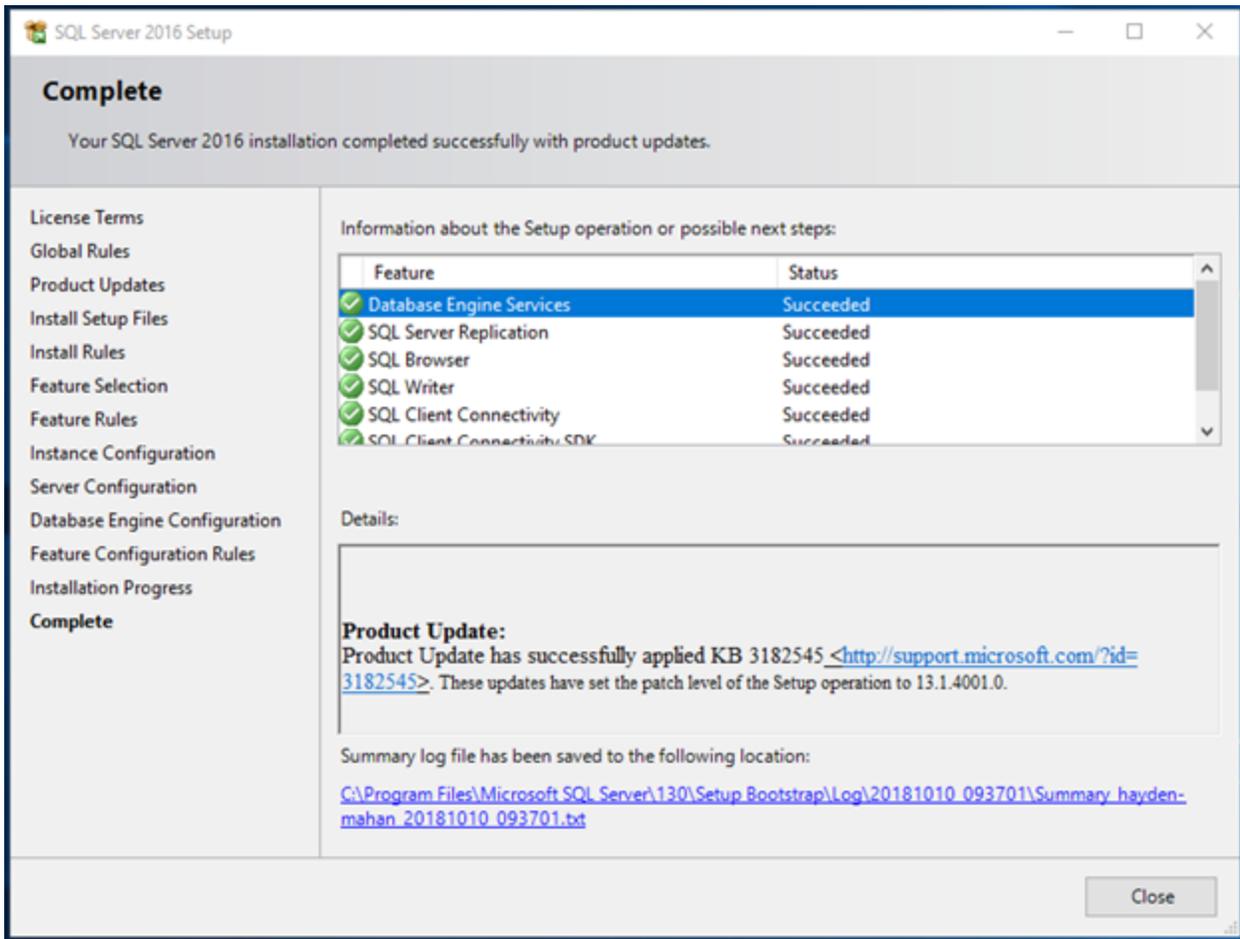
Installed instances:

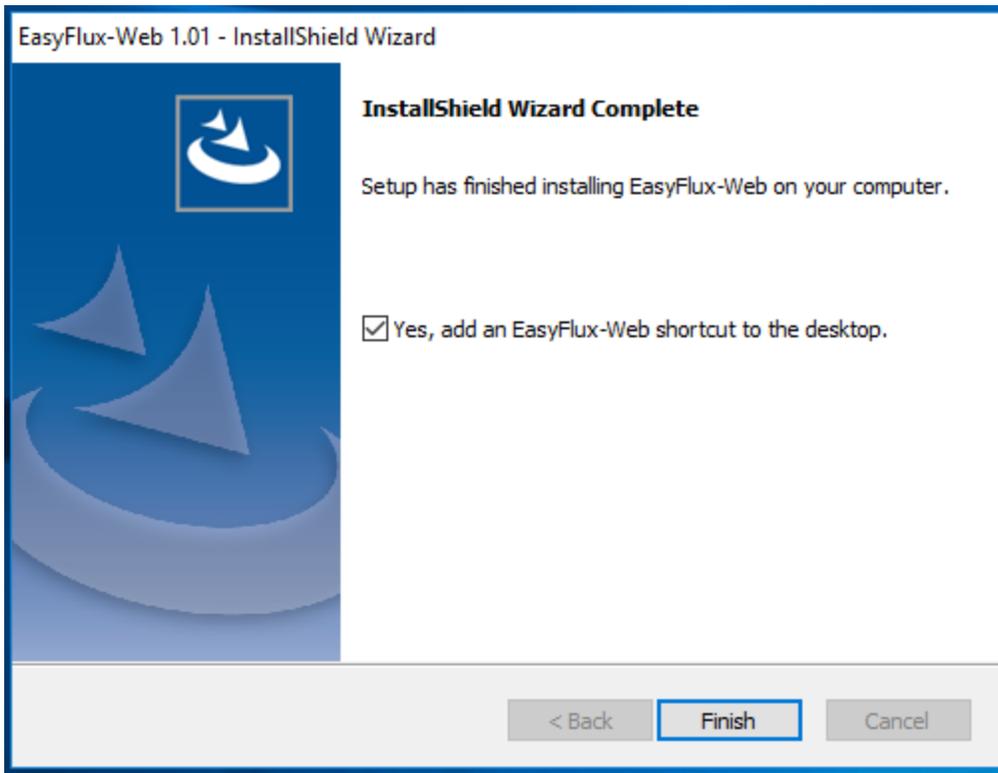
Instance Name	Instance ID	Features	Edition	Version
---------------	-------------	----------	---------	---------

< Back Next > Cancel

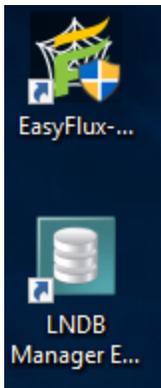








Once you click **Finish**, you will notice two desktop icons have been created on your machine that look like the following image :



The top icon is the EasyFlux™ Web Server Administration Utility. This is the utility you will use to activate your station license keys (note: this is not the same as your installation key you input during installation), adjust your server settings, and check for updates. The bottom icon is the LNDB (LoggerNet Database) Manager that shouldn't require any attention. Please do not adjust any settings within the LNDB Manager without contacting a Campbell Scientific employee.

Before trying to access your EasyFlux Web account in a web browser, open the EasyFlux Web Server Administration Utility (shown in the following image). None of the defaults on this page should require editing. The possible exception is the **Port Number**, and then only if the default

Port Number is taken by another web server installation. To add your station license key click **Manage License...** and then click **Register Add-On...** The next prompt will allow you to input your station license key. Once this is completed, you can open your web browser and type in the IP address of your computer or simply type "localhost" into your browser. This should pull up the main EasyFlux Web page. If a different web page is pulled up (not EasyFlux Web), you may have a conflicting port number. This will require you changing your port number, as mentioned above, to one that is not being used. If you are still having trouble accessing the web page, contact a Campbell Scientific employee.

CSI EasyFlux Web Server Administration Utility

Server Settings
Database

HTTP Server Port:

LN Admin Password:

SQL Server Address:

Authentication:

Username:

Password:

Default Database:

HTTPS

Use HTTPS

Server Name:

HTTPS Server Port:

Private Key File: ...

Private Key Password:

Certificate File: ...

SMTP

Use CSI Email Relay

Server Address:

User Name:

Password:

From Address:

Scheduled Backups

Perform Backups

Backup Directory:

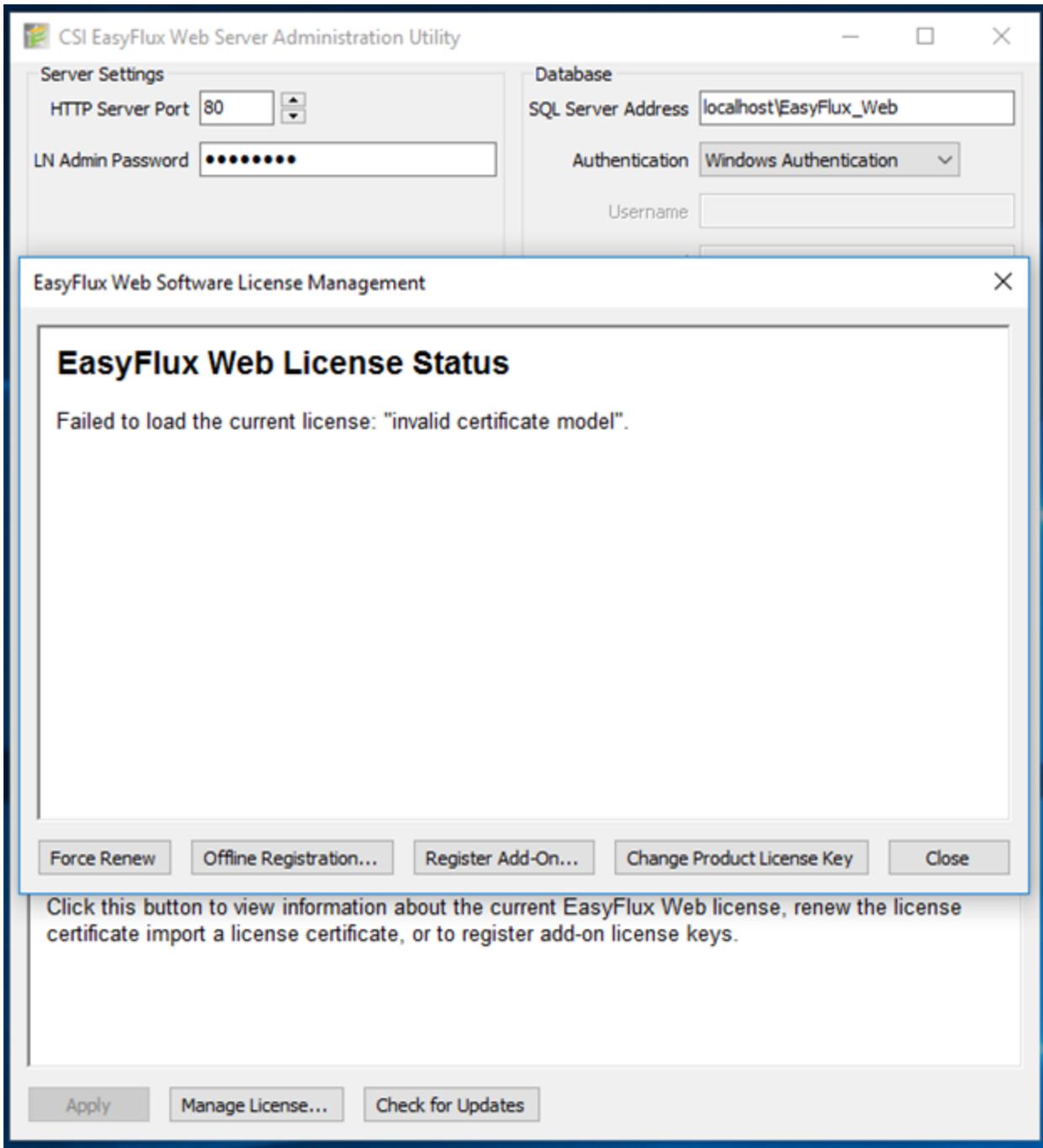
Map Sources

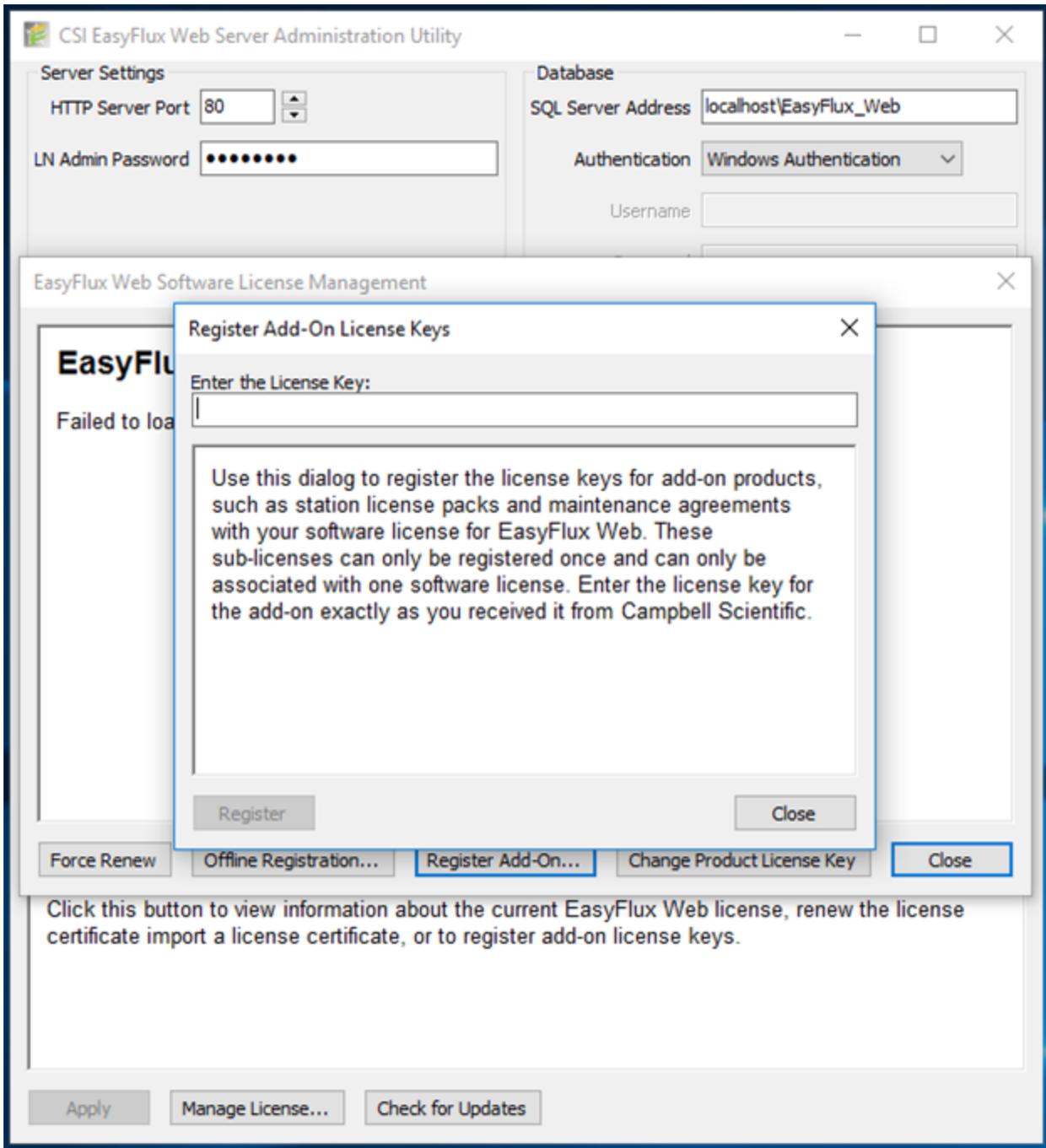
Default Map Source:

HTTP Server Port

Specifies the TCP port that will be use for unencrypted HTTP connections.

Apply
Manage License...
Check for Updates





3. Supported Web Browsers

EasyFlux Web has been tested with the following web browsers:

- Chrome
- Firefox
- Safari

Current versions of these web browsers should be used.

4. Working with EasyFlux Web

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4.1 Manage Users

To add user accounts, click on the **User Info** button in the top right corner. In the resulting window, click **Manage Users**, and then **Add User**. Fill in the requested information. Note that the email address you provide will be used to send the alerts that a user is subscribed to.

The **Is Administrator** checkbox gives a user the ability to add, edit, and delete users, stations, and alerts, as well as edit metadata. If the **Is Administrator** checkbox is not checked, by default, the user is able to view data, download data, and subscribe to alerts for any station they are associated with. A user can be associated with a station and their permissions can be changed from the Manage Station Users dialogue box (see [Manage Station Users](#) on page 20 for more information).

By default, there is a Public user that is able to view and download data for each station that it is associated with.

NOTE:

You must be an administrator in order to manage users. If an administrative account has not been set up, a **Create User** box will be displayed when EasyFlux™ Web is opened to allow you to create an administrator.

4.2 Add Station

A station can be added by clicking **Add Station** from the **Map** or **Stations** view to display the **New Station** dialogue box. If the datalogger has already been added to LoggerNet, you can select it from the **LoggerNet Datalogger** drop-down list. If the datalogger has not been added to LoggerNet, select **Add LoggerNet Datalogger** from the list. The **Add LoggerNet Datalogger** dialogue box will be displayed (see [Add LoggerNet Datalogger](#) on page 19 for more information). After adding the LoggerNet datalogger, you will be returned to the **Add Station** dialogue box with the newly added LoggerNet datalogger selected.

If available in the datalogger program, the **Ecosystem**, **Latitude**, **Longitude**, and **Elevation** fields will be automatically filled in. (Note that the program is only checked for these fields when the station is first added to EasyFlux™ Web. They can be modified by the user at any time in EasyFlux Web.)

The default name of the EasyFlux Web station will be the same as its LoggerNet name. You can give it a unique name in the **Name** field.

Select the **Type** of station: **EasyFlux DL CR6** or **EasyFlux DL CR3000**.

If not filled in automatically, specify the **Ecosystem**, the **Latitude** and **Longitude** in decimal form, and the **Elevation** of the station in meters.

You can optionally enter an **Abbreviation**, **Institution**, and **Location**. (Clicking the icon next to **Location** will fill in the information based on your current location. This will also override the **Latitude** and **Longitude** obtained from the datalogger program.)

Press **Save** to save the information and exit the dialogue box.

To delete a station or modify its settings, go to the **Stations** view and click ⓘ under **Actions**. In the resulting **Station Info** dialogue box, click **Manage Stations** in the top left corner. Select **Delete Station** to delete the station. Select **Edit Properties** to open the **Edit Station** dialogue box which will allow you to modify the settings of the station. From the **Edit Station** dialogue box, you can use the **Enabled/Disabled** toggle to choose whether a station is enabled. A disabled station will show up with a black slash on the map. When a station is disabled, data will not be collected and alerts will not be sent.

4.3 Add LoggerNet Datalogger

Before adding a station to EasyFlux™ Web, it must be added to LoggerNet. The **Add LoggerNet Datalogger** dialogue box can be opened by selecting **Add LoggerNet Datalogger** from the **LoggerNet Datalogger** drop-down list on the **New Station** dialogue box. It can also be opened by click-ing **Manage LoggerNet Dataloggers** and then **Add LoggerNet Datalogger** from the **New Station** window.

The **Add LoggerNet Datalogger** dialogue box has the following fields:

- **Datalogger Name:** Specify the name that will be used in the LoggerNet Network Map.
- **Link Type:** Specify whether the link will be an Outbound PakBus/TCP (that is, EasyFlux Web will initiate contact to retrieve data) or Inbound PakBus/TCP (that is, the station will initiate the contact).

NOTE:

For EasyFlux Web CSI-Hosted, the firewall is opened to allow incoming connections on ports 6700-6799. This allows for 100 incoming station connections. Furthermore, dataloggers can share a port, if each datalogger sharing the port has a unique PakBus® address. This also allows for the LoggerNet default port of 6789 and the datalogger default port of 6785.

- **Datalogger Address:** Enter the IP address or domain name to be used to contact the datalogger.
- **Datalogger Port:** Enter the PakBus/TCP port of the datalogger. Default is 6785.
- **PakBus Address:** Enter the PakBus address of the datalogger. Each datalogger in a PakBus network must have a unique address. Valid addresses are 1 through 4094. However, PakBus addresses greater than 3999 are typically reserved for PakBus routing devices and ports.
- **Security Code:** If security has been set up in the datalogger, enter the security code needed for access.

4.4 Manage Station Users

To manage users for a station, go to the **Stations** view and click ⓘ under **Actions**. In the resulting **Station Info** window, click **Manage Station | Manager Users** at the top left of the window.

All of the current users for the station will be shown along with their permissions. Edit the permissions by selecting or clearing the check boxes. Delete a user by pressing the red ✖. Add a new user by pressing **Add User**. Note that a user must be added to EasyFlux™ Web before he can be added to a station. See [Manage Users](#) (p. 17) for more information.

NOTE:

An administrator always has full permissions. The Public user can only monitor and download data. These permissions cannot be modified.

4.5 Manage Metadata

The station metadata controls what is shown in the **Station Info** box (see [Station Info](#) on page 21 for more information).

To manage the metadata for a station, go to the **Stations** view and click ⓘ under **Actions**. In the resulting **Station Info** box, click **Manage Station | Manage Metadata** at the top left of the window. (The **Manage Station** drop-down list can also be used to **Restore Default Metadata** for this station or **Copy to Other Stations** the metadata set up for this station.)

When editing metadata, a group is a collection of displays. In the **Station Info** screen, each group will show up in a blue box with the **Group Name** at the top of the box.

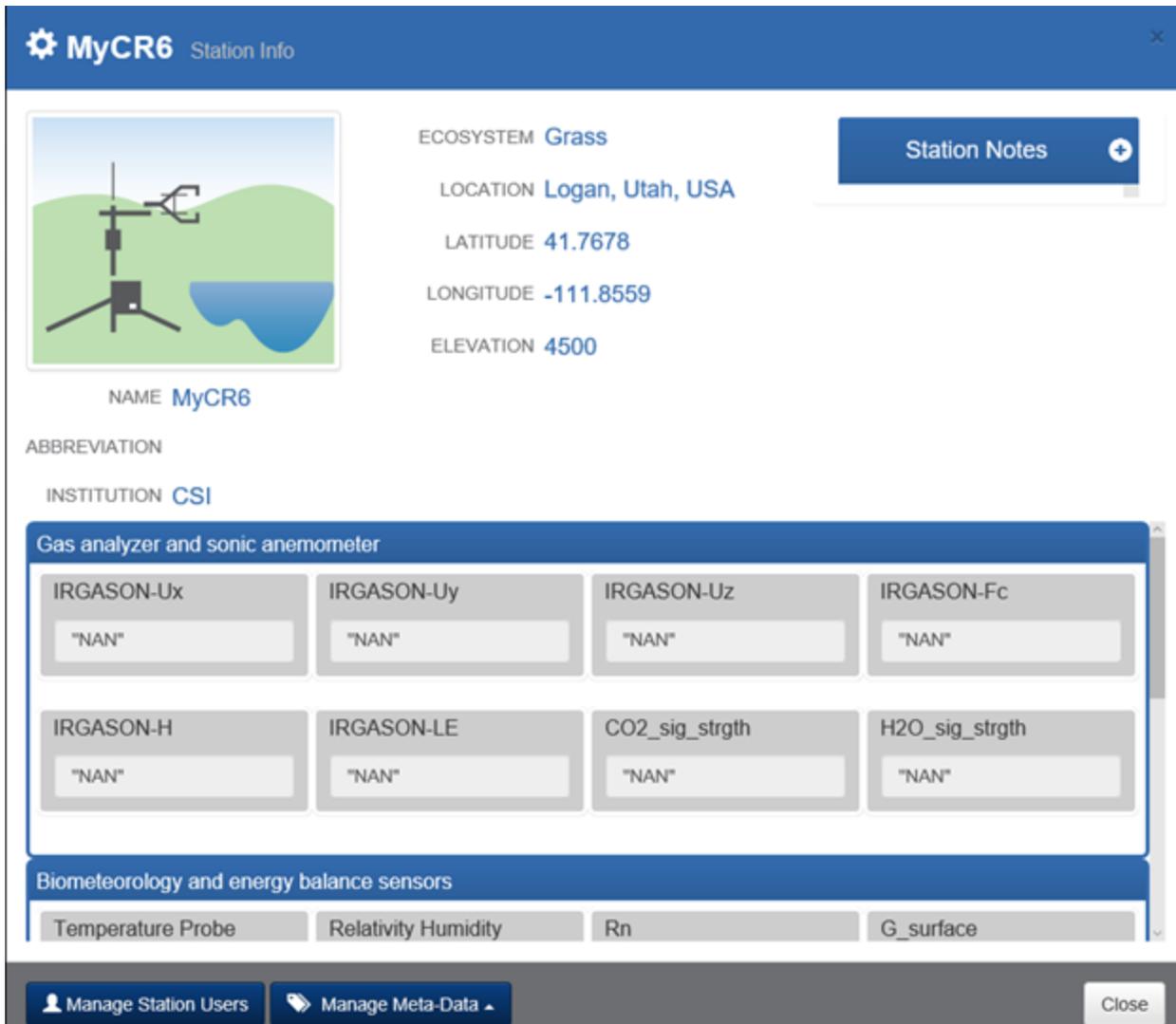
To add a new group, press **Add Group**. A group will be added. Assign a name to the group in the **Group Name** field. One display will be added to the group by default. Press **Add Display** to add more displays. For each display, set the:

- **Display Name:** The name shown for the display.
- **Width:** The width allows you to control the amount of space needed to display the value. You can choose to use 1/4, 1/3, 1/2, or the full width of the screen. For example, if you want to 3 displays to be shown per line, select **1/3 Width**.
- **Value Type:** Specify whether the display value will be manually entered by a user or retrieved from the datalogger.
- **Manual Value:** Set the default value for a manually entered field. (**Manual** displays only.)
- **Logger Table/Field:** Select the datalogger table and field to be displayed. (**From Datalogger** displays only.)

To make changes to a group, click the group name to show the displays in the group. Click a display name to open the display for editing. Use the arrows to move a display up or down within

the group. (The displays will be shown in the order they are listed.) Press the red  to delete the display.

Use the arrows next to group names to move the groups up or down. (The groups will be shown in the order they are listed.) Press the red  to delete the group.



MyCR6 Station Info

ECOSYSTEM **Grass**

LOCATION **Logan, Utah, USA**

LATITUDE **41.7678**

LONGITUDE **-111.8559**

ELEVATION **4500**

Station Notes

NAME **MyCR6**

ABBREVIATION

INSTITUTION **CSI**

Gas analyzer and sonic anemometer

IRGASON-Ux	IRGASON-Uy	IRGASON-Uz	IRGASON-Fc
"NAN"	"NAN"	"NAN"	"NAN"
IRGASON-H	IRGASON-LE	CO2_sig_strgth	H2O_sig_strgth
"NAN"	"NAN"	"NAN"	"NAN"

Biometeorology and energy balance sensors

Temperature Probe	Relativity Humidity	Rn	G_surface
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Manage Station Users | Manage Meta-Data | Close

4.6 Station Info

Information about a station can be displayed by pressing the **Station Info** tab at the top of the screen and selecting your station from the **Station** drop-down list.

In the **Station Info** window click **Manage Station | Edit Properties** to edit the station information (ecosystem, location, latitude, longitude, elevation, and so forth). The **Edit Station** dialogue box will appear allowing you to modify the information.

The **Station Notes** field can be used to add notes about the station. Press  to add a new note. Notes are displayed in the **Station Info** window with the most recent note at the top.

The rest of the **Station Info** window contains the station metadata. A station is set up with default metadata; it can be modified by pressing **Manage Station | Manage Metadata** (p. 20).

Select **Manage Station | Manage Station Users** (p. 20) to control what users are associated with a station and their permissions.

A station can be deleted by selecting **Manage Station | Delete Station** This will delete the currently selected station.

4.7 Monitor Data

Data for a station can be monitored by clicking  under **Actions** from the **Stations** view or by clicking on **Monitor Data** at the top of the main screen and selecting the station from the **Station** drop-down list.

Monitors display data values, by default. To instead display the **QA/QC** (p. 22) (for values that it is available for), select the **QA/QC** checkbox.

Default monitors are set up when a station is added to EasyFlux™ Web. To modify the station monitors, press **Manage Monitors | Edit Station Monitors** at the top left of the monitor window. The **Manage Monitors** drop-down list can also be used to **Restore Default Monitors** for this station or **Copy to Other Stations** the monitors set up for this station.

When editing station monitors, click a monitor name to open the monitor for editing.

Use the arrows to move a monitor up or down within the display. (The monitors will be shown in the order they are listed.) Press the red  to delete the monitor.

To add a new monitor, press **Add Monitor**. For each monitor, set the:

- **Title:** Assign the name shown for the monitor.
- **Type:** Specify whether the monitor will be a graph or wind rose.
- **Interval:** Specify the interval to be displayed on the monitor.
- **Table:** Select the datalogger table to be displayed.
- **Field:** Select the field from the datalogger table to be displayed. (**Graph** monitors only.)
- **Wind Speed/Direction:** Select the fields from the datalogger table which contain the wind speed and wind direction. (**Wind Rose** monitors only.)

4.7.1 QA/QC

"The presented scheme was classified by micrometeorological experiences so that classes 1-3 can be used for fundamental research, such as the development of parameterizations. Classes 4-6 are available for general use such as for continuously running systems of the FLUXNET program.

Classes 7 and 8 are only for orientation. Sometimes it is better to use such data instead of a gap-filling procedure, but then these data should not differ significantly from the data located before and after these data in the time series. Data of class 9 should be excluded under all circumstances."^a

^aFoken, Thomas, Ray Leuning, Steven R. Oncley, Matthias Mauder, and Marc Aubinet. 2012. "Corrections and Data Quality Control." In *Eddy Covariance: A Practical Guide to Measurement and Data Analysis*, edited by Marc Aubinet, Timo Vesala, and Dario Papale, 85-131. Netherlands: Springer.

4.8 Download Data

Data from a station can be downloaded by clicking  under **Actions** from the **Stations** view or by clicking **Download Data** at the top of the main screen and selecting the station from the **Station** drop-down list.

Select the Table to Collect: Use the drop-down list to select which datalogger table data is to be collected from.

Data File Format: Use the drop-down list to select the format of the downloaded data.

- **TOA5** - Data is stored in a comma separated format. Header information for each of the columns is included, along with field names and units of measure if they are available.
- **TOB1 (binary)** - Data is stored in a binary format. Though this format saves disk storage space, it must be converted before it is usable in other programs.
- **XML** - Data is stored in XML format with Campbell Scientific defined elements and attributes. For additional information, refer to the LoggerNet manual.

Collection Mode: Use the drop-down list to select the collection mode.

- **All Data** - Retrieves all records from the selected table.
- **Most Recent Interval** - Retrieves the most recent interval from the selected tables by backing up the interval specified in the **Backfill Interval** field and retrieving all data forward.
- **Most Recent # of Records** - Retrieves a specific number of records from the selected tables by backing up the number of records entered in the **Number of Records to Collect** field and retrieving all data forward.
- **Date Range** - Allows you to specify a time frame for data collection. When this option is selected, the **Start Date** and **End Date** fields will be enabled.

After selecting what data to download, click **Download Now**. You will be asked what to do with the *.dat file. You can **Open** the file in View Pro, **Save** the file, or **Cancel** the download. If you choose to save the file, by default, the data is stored in your Downloads directory and given a

name of *StationName_TableName.dat*. You can change the location and/or filename by using the arrow next to **Save** and choosing **Save as**.

4.9 Alerts

Alerts can be used to notify by email everyone that is associated with a station and subscribed to the alert, when an alert condition exists.

To subscribe to alerts, go to the **Alerts** tab and select the **Subscribed** checkbox for each alert you wish to subscribe to, or use the drop-down list next to **Subscribed** to **Subscribe to All** alerts for a station. Subscriptions must be set up for each station.

Alerts for a station can be viewed by clicking  under **Actions** from the **Stations** view or by clicking on **Alerts** at the top of the main screen and selecting the station from the **Station** drop-down list.

When a station is added, default alerts are set up. More alerts can be added by selecting [Add Alert](#) (p. 24) from the **Manage Alerts** drop-down list in the top left corner of a station's **Alerts** screen. The **Manage Alerts** drop-down list can also be used to **Restore Default Alerts** for this station or **Copy to Other Stations** the alerts set up for this station.

4.10 Add Alert

Type: Specify what will trigger the alert. An alert can be triggered if no data is received from a table for a certain interval or by the value of a field.

Title: Type a title that will be used in the list of alerts and in the email when an alert is triggered.

Table: Select the table that will trigger the alert.

Field: Select the field within the selected table that will trigger the alert. (**Field Value** alerts only.)

Severity: Specify whether the alert is **Critical** or **Warning**. When monitoring alerts, warning is indicated with yellow, critical with red.

No Data Interval: Specify the interval of time without data that will trigger an alert. (**No Data** for **Table** alerts only.)

Trigger: Specify what field value will trigger the alert. Select =, >, >=, <, <=, or <> (not equal to) from the first drop-down list. Enter the value to compare the field to in the box. Use the drop-down list to add another line. Select **AND** or **OR** depending on whether only one or both conditions must be met to trigger an alert. (**Field Value** alerts only.)

Message: Enter the message to be shown when the alert is triggered.

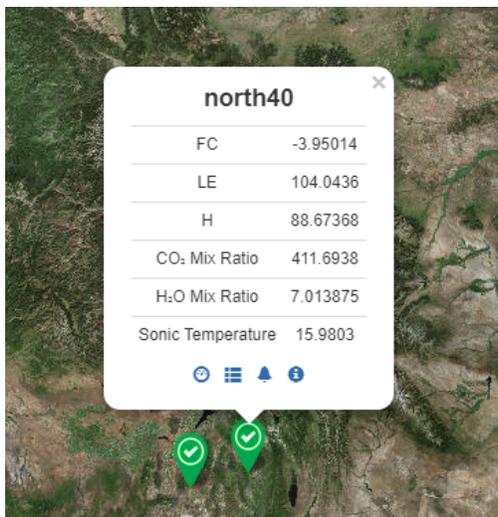
4.11 Map

The **Map** view shows the stations located according to their latitude and longitude.

The icon for the station indicates the highest level of alert for the station:

-  No Alerts
-  Warning Alert
-  Critical Alert
-  Unknown State for Alert
-  Station Disabled

Click a station icon to bring up a station quick view showing the most recent data from the station. Icons on the bottom of the station quick view take you to [Monitor Data](#) (p. 22), [Download Data](#) (p. 23), [Alerts](#) (p. 24), and [Station Info](#) (p. 21).



4.12 Comparison

The **Comparison** view allows you to view a comparison graph of the fields you select. The fields can come from any tables in any of the dataloggers in your network. Multiple dataloggers can be viewed within one comparison.

To set up a comparison, go to the **Comparison** view and click the gear icon in the top right corner. This brings up the Manage Comparison Configurations dialogue box. Press **Add Con-**

figuration. The **Comparison Graph Configuration** dialog box will open. For the comparison, set the:

- **Title:** The name show for the configuration.
- **Interval:** The interval of data to be shown on comparison graph.

One trace is shown by default. Click **Add Trace** to add more traces to the graph. Click a trace name to open the trace for editing. Use the arrows to move a trace up or down. (The traces will be shown in the legend in the order they are listed.) Press the red to delete the trace.

For each trace, set the:

- **Station:** Select the datalogger with the field to display.
- **Table:** Select the datalogger table with the field to be displayed.
- **Field:** Select the field from the datalogger table to be displayed.
- **Trace Title:** Specify the name to be used for the field on the comparison graph. This defaults to *stationname.tablename.fieldname*.
- **Axis:** Select whether this field will be associated with the scale on the left or right axis.

After adding all of the desired traces to the comparison configuration, press **Done**.

Press **Add Configuration** to add another comparison configuration or **Close** to close the **Manage Comparison Configurations** dialog box.

Once configurations are set up, view them from the **Comparison** view. If you have multiple comparison configurations, use the **Load Config** drop-down list box to select which to view in the comparison view.

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5.1 EasyFlux™ Web CSI-Hosted License Agreement



License Agreement for EasyFlux™ Web CSI-Hosted Data Service

NOTICE OF AGREEMENT:

This License Agreement for EasyFlux Web Hosted Data Service (the "Agreement") is a legal agreement between End User (as defined below) and Campbell Scientific. ("CSI") for the license and use of the EasyFlux Web Hosted Data Service. The EasyFlux Web Hosted Data Service ("Data Service" as defined below) is licensed, not sold, to End Users of CSI pursuant to the terms and conditions of this Agreement. By using the Data Service, End User agrees to the terms and conditions contained herein, and acknowledges that this Agreement is a legal agreement between End User and CSI only, and no other third parties. If End User does not agree to the terms of this Agreement, End User may not use the Data Service. End User agrees and acknowledges that any use of the Data Service acknowledges that End User has read this Agreement, understands this Agreement, and agrees to be bound by the terms and conditions of this Agreement.

DEFINITIONS:

"CSI" means Campbell Scientific, Inc. a Utah company with headquarters in Logan, Utah.

"Data Service" means EasyFlux Web Hosted Data Service, which is a cloud-based software tool hosted by CSI for monitoring Campbell Scientific eddy-covariance systems.

"End User" means the entity that will use the Data Service.

LICENSE FOR USE:

1. Use Rights: It is hereby understood and agreed that CSI is the owner of all rights, title, and interests in and to the Data Service, regardless of the media or form, including all copyrights, trademarks, patents, and trade secrets, and all Modifications (as defined below) thereto. End User acknowledges and agrees that through use of the Data Service, End User does not acquire any ownership rights in or to the Data Service. CSI grants to End User a license to use the Data Service only as expressly permitted in and subject to the terms and conditions of this Agreement, as CSI may change from time to time. This license is limited, non-exclusive, non-perpetual, revocable, and, unless specifically allowed in writing by CSI, non-transferable, and End User understands, acknowledges, and agrees that CSI may revoke, modify, terminate, or otherwise alter this License and/or the Data Service, as determined by CSI in CSI's sole and absolute discretion. CSI reserves all rights not expressly granted in this Agreement. The terms of this Agreement shall apply to any upgrades, modifications, enhancements, customizations, supplements, updates, revisions, replacements, or derivative works to the Data Service (collectively, "Modifications"). End User may not (i) reproduce, display, download, modify, create derivative works of, or distribute the Data Service, in whole or in part, or make any Modifications to the Data Service; (ii) attempt to reverse engineer, decompile, disassemble, or access the source code for the Data Service, or any component thereof; (iii) permit any other party to access the Data Service; or (iv) access the Data Ser-

vice via any means other than over the Internet using authorized login credentials as implemented within the Data Service.

2. Technical Limitations: End User must comply with documented technical limitations of the Data Service that only allow use in certain ways. End User may not work around them. Minimum system requirements or other factors may affect End User's ability to use the Data Service, and CSI makes no warranties regarding End User's ability to use the Data Service or compatibility with End User's device(s).

3. Data Transfer Notices: CSI provides Internet-based services with the Data Service, and requires transmitting data over the Internet.

4. Consent for Data Transfer: The Data Service requires transmitting data over the Internet. By using the Data Service, End User consents to the transmission of data and End User information. CSI does not use the information to identify or contact End User.

5. Computer Information: The Data Service uses Internet protocols, which send to the appropriate systems computer information, such as End User's Internet protocol address to make the Internet-based services available to End User (the "Computer Information").

6. Use of Information: CSI may use the Computer Information, error reports, malware reports and URL filtering reports to improve its software and services. CSI may also share it with others, such as hardware and software vendors. They may use the information to improve how its products run with CSI software and the Data Service.

7. Misuse of Internet-based Services: The End User may not use the Data Service in any way that could harm them or impair anyone else's use of them. The End User may not use the services to try to gain unauthorized access to any service, data, account or network by any means.

8. No High-Risk Use: The Data Service is not guaranteed to be error free or to operate uninterrupted. The End User does not have the right to use the Data Service in any application or situation where the Data Service's failure could lead to death or serious bodily injury of any person, or to severe physical or environmental damage ("High-Risk Use"). Examples of High-Risk Use include, but are not limited to: aircraft or other modes of human mass transportation, nuclear or chemical facilities, life support systems, implantable medical equipment, motor vehicles, or weaponry systems. High-Risk Use does not include utilization of the Data Service for administrative purposes, to store configuration data, engineering and/or configuration tools, or other non-control applications, the failure of which would not result in death, personal injury, or severe physical or environmental damage. These non-controlling applications may communicate with the applications that perform the control, but must not be directly or indirectly responsible for the control function. End User agrees to indemnify, defend, and hold CSI harmless from any third-party claim arising out of the use of the Data Service in connection with any High-Risk Use.

9. Scope of Use: End User may not:

- Use the Data Service in a way that is prohibited by any law, regulation or governmental order or decree in any relevant jurisdiction, or that violates others' legal rights;
- Use the Data Service in a way that could harm it or impair anyone else's use of it;
- Falsify any protocol or email header information (e.g., "spoofing");
- Use the Data Service to send "spam" (i.e., unsolicited bulk or commercial messages), to distribute malware, or otherwise make available any offering designed to violate these terms (e.g., denial of service attacks, etc.); or
- Remove, modify, or tamper with any regulatory or legal notice or link that is incorporated into the Data Service.

ADDITIONAL TERMS

1. License Terms Updates: CSI may update the terms and conditions of this Agreement from time to time, as determined in CSI's sole discretion. Changes to these Agreement license terms that CSI either notifies End User of, introduces with updates or supplements, or is required by law to make, or that do not materially affect the use of the Data Service, will, in each such situation, apply immediately.

2. Data Service Suspension and Termination of Agreement: CCSI may suspend Data Service in whole or in part, and terminate this Agreement, in any of the following circumstances:

- If CSI believes that End User's use of the Data Service represents a direct or indirect threat to CSI's network function or integrity or anyone else's use of the Data Service;
- If reasonably necessary to prevent unauthorized access to End User data;
- To the extent necessary to comply with legal requirements;
- If End User does not abide by the terms of this Agreement; or
- If CSI determines, in its sole and absolute discretion, to terminate or suspend the Data Service, or to revoke End User's license granted under the Agreement, for any reason or for no reason at all.

3. Suspension promise: Any suspension of the Data Service pursuant to this section shall apply to the minimum necessary portion of the Data Service and will only be in effect for as long as reasonably necessary to address the issues giving rise to the suspension.

4. Notice of suspension: CSI will provide notice before suspending the Data Service, except where CSI reasonably believes an immediate suspension is required.

5. Right to terminate: If End User does not fully address the reasons for the suspension within 30 days after suspension of the Data Service, CSI may terminate End User access.

6. Use of Other Web Sites and Services: End User may need to use certain CSI web sites or services to access and use the Data Service. If so, the terms of use associated with those web sites or services, as applicable, apply to End User's use of them.

7. Third Party Content and Services: CSI is not responsible for any third-party content End User accesses directly or indirectly via the Data Service. End User is responsible for its dealings with any third party (including advertisers) related to the Data Service (including the delivery of and payment for goods and services).

8. End User Equipment: It is End User's responsibility to ensure that any equipment programmed to access the Data Service account is in working order and that any communication mechanism or device is in full working order and contactable by the Data Service.

MAINTENANCE AND SUPPORT:

CSI or its affiliated companies may, from time to time, at CSI's sole discretion, provide End User with support services related to the Data Service ("Support Services"). CSI reserves the right to alter, suspend, and terminate the Support Services at any time and for any reason. Use of the Support Services is governed by this Agreement and other CSI policies and guidelines as may be determined by CSI. No other third party, has any obligation to furnish maintenance and support services with respect to the Licensed Application.

Requests for Data Service maintenance, support, or other inquiries should be addressed to CSI or a Campbell Scientific company covering the End User's region, as noted in CAMPBELL SCIENTIFIC COMPANIES below.

DISCLAIMER OF WARRANTIES:

END USER EXPRESSLY ACKNOWLEDGES THAT THE USE OF THE DATA SERVICE IS AT END USER'S SOLE RISK AND THAT THE ENTIRE RISK AS TO QUALITY, PERFORMANCE, ACCURACY, AND EFFORT IS WITH THE END USER. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE DATA SERVICE IS PROVIDED "AS IS," WITH ALL FAULTS AND WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, AND CSI DISCLAIMS ALL WARRANTIES, ANY IMPLIED REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, TITLE OR NON-INFRINGEMENT OF THIRD PARTY RIGHTS. THESE DISCLAIMERS WILL APPLY UNLESS APPLICABLE LAW DOES NOT PERMIT THEM. CSI DOES NOT WARRANT THAT THE OPERATION OF THE DATA SERVICE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE DATA SERVICE WILL BE CORRECTED, AND IS NOT RESPONSIBLE OR LIABLE FOR THE SAME. WITHOUT LIMITING THE GENERAL NATURE OF THE ABOVE DISCLAIMERS OF WARRANTIES, CSI MAKES NO REPRESENTATION OR WARRANTY WHATSOEVER THAT THE DATA SERVICE WILL BE AVAILABLE FOR USE, WILL MEET END USER'S REQUIREMENT FOR USE, OR THAT THE DATA SERVICE OR DOCUMENTATION OR GUIDELINES ASSOCIATED THEREWITH ARE ERROR FREE, OR THAT THE OPERATION OF THE DATA SERVICE WILL BE UNINTERRUPTED. END USER SHALL BE SOLELY LIABLE FOR TELECOMMUNICATION ACCESS COSTS AND OTHER SIMILAR COSTS, AND SHALL INDEMNIFY CSI FROM AND BE SOLELY LIABLE FOR CLAIMS BY ANY THIRD PARTY.

LIMITATION OF LIABILITIES:

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, WHATEVER THE LEGAL BASIS FOR THE CLAIM OR DAMAGES, IN NO EVENT SHALL CSI, OR ANY OF ITS AFFILIATES OR SUPPLIERS, BE LIABLE FOR PERSONAL INJURY, OR FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES, DAMAGES FOR LOST PROFITS OR REVENUES, BUSINESS INTERRUPTION, OR LOSS OF BUSINESS INFORMATION ARISING IN CONNECTION WITH THIS AGREEMENT OR THE USE OF OR INABILITY TO USE THE DATA SERVICE OR THE PROVISION OF OR FAILURE TO PROVIDE SUPPORT SERVICES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR IF SUCH POSSIBILITY WAS REASONABLY FORESEEABLE. THIS NON-LIABILITY FOR DAMAGES APPLIES WHETHER IN AN ACTION OR CLAIM BASED ON CONTRACT, TORT, OR ANY OTHER SUCH THEORY. CSI'S AGGREGATE MAXIMUM LIABILITY ARISING FROM OR RELATING TO THIS AGREEMENT, THE DATA SERVICES, OR THE DOCUMENTATION OR INFORMATION ASSOCIATED THEREWITH SHALL NOT EXCEED, AND END USER ACKNOWLEDGES AND AGREES IS LIMITED TO, THE GREATER OF (I) \$10.00 AND (II) THE INITIAL FEE, IF ANY, PAID BY END USER FOR CREATING AN ACCOUNT, ACCESSING, AND USING THE DATA SERVICE.

INDEMNIFICATION:

End User hereby agrees to indemnify, defend, and hold harmless CSI and its directors, officers, employees, representatives, and agents from and against, any and all claims, losses, damages, and expenses, including attorney fees, arising from a third party claim to the extent that such third party claim is based on End User's use of any content or materials, use of the Data Service, a breach of this Agreement or any CSI agreements, or End User's negligence or other act or omission in connection with use of the Data Service.

LEGAL COMPLIANCE:

1. By accepting this Agreement, End User represents and warrants that it (i) is not located in a country that is subject to a U.S. Government embargo, or that has been designated by the U.S. Government as a "terrorist supporting" country; and (ii) is not listed on any U.S. Government list of prohibited or restricted parties; and (iii) that End User will comply with all application international and national laws that apply to the Data Service, including any export laws, rules, and regulations, and end user and destination restrictions issued by the U.S. and other governments.
2. Electronic Notices: CSI may provide End User with information about the Data Service in electronic form. It may be via email to the address End User provides when End User signs up for the Data Service, or through a web site that CSI identifies.

TERMINATION:

CSI may modify or terminate the Data Service in any country where there is any current or future government requirement or obligation that subjects CSI to any regulation or requirement not

generally applicable to businesses operating there, presents a hardship for CSI to continue operating the Data Service without modification, and/or causes CSI to believe these terms or the Data Service may be in conflict with any such requirement or obligation. For example, CSI may modify or terminate the Data Service in connection with a government requirement that causes CSI to be regulated as a telecommunications provider. CSI may also modify or terminate the Data Service and this Agreement in accordance with any other terms of this Agreement, including, but not limited to, the "Data Service Suspension and Termination of Agreement" terms above.

MISCELLANEOUS:

End User may not assign any of its rights or obligations hereunder, whether by operation of law or otherwise, without the prior written consent of CSI. Notwithstanding the foregoing, CSI may assign this Agreement in its entirety, without the consent of End User. Subject to the foregoing, this Agreement shall bind and inure to the benefit of the parties, their respective successors and permitted assigns. Any attempted assignment in breach of this provision shall be void. The parties hereto are independent contractors and nothing in this Agreement will create any partnership, joint venture, agency, or employment relationship between the parties. There are no third party beneficiaries to this Agreement. The parties agree that any legal action arising under or relating to this Agreement or the Data Service must be maintained in the state and federal courts located in the State of Utah, and that any legal action brought in the state courts must be brought in Cache County, Utah. The laws of the State of Utah govern this Agreement, excluding laws concerning conflict of laws. In any action related to this Agreement or the Data Service, the prevailing party shall be entitled to an award of reasonable attorney fees and reasonable costs against the non-prevailing party. This Agreement, and any other agreements referenced herein, contains the entire agreement and understanding of the parties concerning the subject matter of this Agreement. The waiver by CSI of any breach or default under this Agreement does not constitute the waiver of any subsequent breach or default. If any provision of this Agreement is held to be illegal or unenforceable, it shall be deemed amended to conform to applicable laws or regulations, or, if it cannot be so amended without materially altering the intention of the parties, it shall be stricken and the remainder of this Agreement shall continue in full force and effect. This Agreement may be amended at any time by CSI, in CSI's sole and absolute discretion. The most current Agreement applies to End User unless otherwise designated by CSI.

BY ACCEPTING THIS AGREEMENT, YOU ARE AGREEING ON BEHALF OF YOURSELF OR THE END USER THAT YOU ARE AN AUTHORIZED USER UNDER THE TERMS OF THIS AGREEMENT, AND THAT YOU HAVE THE AUTHORITY TO BIND SUCH ENTITY TO THE TERMS OF THIS AGREEMENT. IF YOU DO NOT HAVE THE AUTHORITY TO BIND THE END USER, THEN YOU SHALL NOT ACCEPT THIS AGREEMENT AND SHALL NOT USE THE DATA SERVICE. YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT BY SELECTING THE "ACCEPT" OPTION AND/OR USING THE DATA SERVICE. YOU MUST AGREE TO ALL OF THE TERMS OF THIS

AGREEMENT BEFORE GAINING ACCESS TO AND USE OF THE DATA SERVICE. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, YOU MUST NOT USE THE DATA SERVICE.

CAMPBELL SCIENTIFIC COMPANIES:

Australia

Location: Garbutt, QLD Australia
Email: info@campbellsci.com.au
Website: www.campbellsci.com.au

Brazil

Location: São Paulo, SP Brazil
Email: andread@campbellsci.com.br
Website: www.campbellsci.com.br

Canada

Location: Edmonton, AB Canada
Email: dataloggers@campbellsci.ca
Website: www.campbellsci.ca

China

Location: Beijing, P. R. China
Email: info@campbellsci.com.cn
Website: www.campbellsci.com.cn

Costa Rica

Location: San José, Costa Rica
Email: info@campbellsci.cc
Website: www.campbellsci.cc

France

Location: Antony, France
Email: info@campbellsci.fr
Website: www.campbellsci.fr

Germany

Location: Bremen, Germany
Email: info@campbellsci.de
Website: www.campbellsci.de

South Africa

Location: Stellenbosch, South Africa
Email: sales@csafrica.co.za
Website: www.campbellscientific.co.za

Southeast Asia

Location: Bangkok, Thailand
Email: info@campbellsci.asia
Website: www.campbellsci.asia

Spain

Location: Barcelona, Spain
Email: info@campbellsci.es
Website: www.campbellsci.es

UK

Location: Shepshed, Loughborough, UK
Email: sales@campbellsci.co.uk
Website: www.campbellsci.co.uk

USA

Location: Logan, UT USA
Email: info@campbellsci.com
Website: www.campbellsci.com

5.2 EasyFlux™ Web Self-Hosted License Agreement



License Agreement for EasyFlux™ Web Self-Hosted Software

NOTICE OF AGREEMENT:

This License Agreement for EasyFlux™ Web Self-Hosted Software (the "Agreement") is a legal agreement between End User (as defined below) and Campbell Scientific, Inc. ("CSI") for the license and use of the EasyFlux Web Self-Hosted Software. The EasyFlux Web Self-Hosted sold to End Users of CSI pursuant to the terms and conditions of this Agreement. By using this Software (as defined below), End User agrees to the terms and conditions contained herein, and acknowledges that this Agreement is a legal agreement between End User and CSI only, and no other third parties. If End User does not agree to the terms of this Agreement, End User may not use the Software. End User agrees and acknowledges that any use of the Software confirms that End User has read this Agreement, understands this Agreement, and agrees to be bound by the terms and conditions of this Agreement.

DEFINITIONS:

“CSI” means Campbell Scientific, Inc. a Utah company with headquarters in Logan, Utah.

“Software” means EasyFlux™ Web Self-Hosted Software, which is a user-installed software tool hosted by the End User on their own data server for monitoring eddy-covariance systems.

“End User” means the person or entity that will use the Software.

LICENSE FOR USE: Campbell Scientific grants you a non-exclusive license to use this software in accordance with the following:

1. The purchase of this software allows you to install and use a single instance of the software on one physical computer or one virtual network machine only.
2. If this copy of the software is an upgrade from a previous version, you must possess a valid license for the earlier version of software. You may continue to use the earlier copy of software only if the upgrade copy and earlier version are installed and used on the same computer. The earlier version of software may not be installed and used on a separate computer or transferred to another party.
3. This software package is licensed as a single product. Its component parts may not be separated for use on more than one computer.
4. Use Rights: It is hereby understood and agreed that CSI is the owner of all intellectual property related to the Software, regardless of the media or form, including all copyrights, trademarks, patents, and trade secrets, and all Modifications (as defined below) thereto. CSI grants to End User a license to use the Software only as expressly permitted in and subject to the terms and conditions of this Agreement, as CSI may change such terms and conditions from time to time. This license is limited, non-exclusive, non-perpetual, revocable, and, unless specifically allowed in writing by CSI, non-transferable, and End User understands, acknowledges, and agrees that CSI may revoke, modify, terminate, or otherwise alter this License and/or Software, as determined by CSI in CSI's sole and absolute discretion. CSI reserves all rights not expressly granted in this Agreement. The terms of this Agreement shall apply to any upgrades, modifications, enhancements, customizations, supplements, updates, revisions, replacements, or derivative works to the Software (collectively, “Modifications”). End User may not (i) reproduce, download, modify, create derivative works of, or distribute the Software, in whole or in part, or make any Modifications to the Software; (ii) attempt to reverse engineer, decompile, disassemble, or access the source code for the Software, or any component thereof; (iii) or permit any other party to access the Software
5. Technical Limitations: End User must comply with documented technical limitations of the Software that only allow use in certain ways. End User may not work around them. Minimum system requirements or other factors may affect End User's ability to use the Software, and CSI makes no warranties regarding End User's ability to use the Software or compatibility with End User's device (s).

6. No High-Risk Use: The Software is not guaranteed to be error free or to operate uninterrupted. The End User does not have the right to use the Software in any application or situation where the Software's failure could lead to death or serious bodily injury of any person, or to severe physical or environmental damage ("High-Risk Use"). Examples of High-Risk Use include, but are not limited to: aircraft or other modes of human mass transportation, nuclear or chemical facilities, life support systems, implantable medical equipment, motor vehicles, or weaponry systems. High-Risk Use does not include utilization of the Software for administrative purposes, to store configuration data, engineering and/or configuration tools, or other non-control applications, the failure of which would not result in death, personal injury, or severe physical or environmental damage. These non-controlling applications may communicate with the applications that perform the control, but must not be directly or indirectly responsible for the control function. End User agrees to indemnify, defend, and hold CSI harmless from any third-party claim arising out of the use of the Software in connection with any High-Risk Use.

7. Scope of Use: End User may not:

- Use the Software in a way that is prohibited by any law, regulation or governmental order or decree in any relevant jurisdiction, or that violates others' legal rights;
- Use the Software in a way that could harm it or impair anyone else's use of it;
- Falsify any protocol or email header information (e.g., "spoofing");
- Use the Software to send "spam" (i.e., unsolicited bulk or commercial messages), to distribute malware, or otherwise make available any offering designed to violate these terms (e.g., denial of service attacks, etc.); or
- Remove, modify, or tamper with any regulatory or legal notice or link that is incorporated into the Software.

ADDITIONAL TERMS

1. License Terms Updates: CSI may update the terms and conditions of this Agreement from time to time, as determined in CSI's sole discretion. Changes to these Agreement license terms that CSI either notifies End User of, introduces with updates or supplements, or is required by law to make, or that do not materially affect the use of the Software, will, in each such situation, apply immediately.

2. Third Party Content and Services: CSI is not responsible for any third-party content End User accesses directly or indirectly via the Software. End User is responsible for its dealings with any third party (including advertisers) related to the Software (including the delivery of and payment for goods and services).

3. End User Equipment: It is End User's responsibility to ensure that any equipment programmed to access or be accessed by the Software is in working order and that any communication mechanism or device is in full working order and contactable by the Software.

MAINTENANCE AND SUPPORT:

CSI or its affiliated companies may, from time to time, at CSI's sole discretion, provide End User with support services related to the Software ("Support Services"). CSI reserves the right to alter, suspend, and terminate the Support Services at any time and for any reason. Use of the Support Services is governed by this Agreement and other CSI policies and guidelines as may be determined by CSI. No other third party, has any obligation to furnish maintenance and support services with respect to the Software.

Requests for Software maintenance, support, or other inquiries should be addressed to CSI or a Campbell Scientific company covering the End User's region, as noted in CAMPBELL SCIENTIFIC COMPANIES below.

DISCLAIMER OF WARRANTIES:

END USER EXPRESSLY ACKNOWLEDGES THAT THE USE OF THE SOFTWARE IS AT END USER'S SOLE RISK AND THAT THE ENTIRE RISK AS TO QUALITY, PERFORMANCE, ACCURACY, AND EFFORT IS WITH THE END USER. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THE SOFTWARE IS PROVIDED "AS IS," WITH ALL FAULTS AND WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, AND CSI DISCLAIMS ALL WARRANTIES, ANY IMPLIED REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, SATISFACTORY QUALITY, TITLE OR NON-INFRINGEMENT OF THIRD PARTY RIGHTS. THESE DISCLAIMERS WILL APPLY UNLESS APPLICABLE LAW DOES NOT PERMIT THEM. CSI DOES NOT WARRANT THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE SOFTWARE WILL BE CORRECTED, AND IS NOT RESPONSIBLE OR LIABLE FOR THE SAME. WITHOUT LIMITING THE GENERAL NATURE OF THE ABOVE DISCLAIMERS OF WARRANTIES, CSI MAKES NO REPRESENTATION OR WARRANTY WHATSOEVER THAT THE SOFTWARE WILL BE AVAILABLE FOR USE, WILL MEET END USER'S REQUIREMENT FOR USE, OR THAT THE SOFTWARE OR DOCUMENTATION OR GUIDELINES ASSOCIATED THEREWITH ARE ERROR FREE, OR THAT THE OPERATION OF THE SOFTWARE WILL BE UNINTERRUPTED. END USER SHALL BE SOLELY LIABLE FOR TELECOMMUNICATION ACCESS COSTS AND OTHER SIMILAR COSTS, AND SHALL INDEMNIFY CSI FROM AND BE SOLELY LIABLE FOR CLAIMS BY ANY THIRD PARTY.

LIMITATION OF LIABILITIES:

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, WHATEVER THE LEGAL BASIS FOR THE CLAIM OR DAMAGES, IN NO EVENT SHALL CSI, OR ANY OF ITS AFFILIATES OR SUPPLIERS, BE LIABLE FOR PERSONAL INJURY, OR FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES, DAMAGES FOR LOST PROFITS OR REVENUES, BUSINESS INTERRUPTION, OR LOSS OF BUSINESS INFORMATION ARISING IN CONNECTION WITH THIS AGREEMENT OR THE USE OF OR INABILITY TO USE THE SOFTWARE OR THE PROVISION OF OR

FAILURE TO PROVIDE SUPPORT SERVICES, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR IF SUCH POSSIBILITY WAS REASONABLY FORESEEABLE. THIS NON-LIABILITY FOR DAMAGES APPLIES WHETHER IN AN ACTION OR CLAIM BASED ON CONTRACT, TORT, OR ANY OTHER SUCH THEORY. CSI'S AGGREGATE MAXIMUM LIABILITY ARISING FROM OR RELATING TO THIS AGREEMENT, THE SOFTWARE, OR THE DOCUMENTATION OR INFORMATION ASSOCIATED THEREWITH SHALL NOT EXCEED, AND END USER ACKNOWLEDGES AND AGREES IS LIMITED TO, THE GREATER OF (I) \$10.00 AND (II) THE INITIAL FEE, IF ANY, PAID BY END USER FOR CREATING AN ACCOUNT, ACCESSING, AND USING THE SOFTWARE.

INDEMNIFICATION:

End User hereby agrees to indemnify, defend, and hold harmless CSI and its directors, officers, employees, representatives, and agents from and against, any and all claims, losses, damages, and expenses, including attorney fees, arising from a third party claim to the extent that such third party claim is based on End User's use of any content or materials, use of the Software, a breach of this Agreement or any CSI agreements, or End User's negligence or other act or omission in connection with use of the Software.

LEGAL COMPLIANCE:

1. By accepting this Agreement, End User represents and warrants that it (i) is not located in a country that is subject to a U.S. Government embargo, or that has been designated by the U.S. Government as a "terrorist supporting" country; and (ii) is not listed on any U.S. Government list of prohibited or restricted parties; and (iii) that End User will comply with all application international and national laws that apply to the Software, including any export laws, rules, and regulations, and end user and destination restrictions issued by the U.S. and other governments.
2. Electronic Notices: CSI may provide End User with information about the Software in electronic form. It may be via email to the address End User provides when End User signs up for the Software, or through a web site that CSI identifies.

TERMINATION:

This license is effective until terminated by End User or by CSI. End User rights under this license will terminate automatically with or without notice from Campbell Scientific, Inc. if End User fails to comply with any term(s) of this license or agreement. Upon termination of the license, End User shall cease all use of the Software, and destroy or return to CSI all copies, full or partial, of the Licensed Software.

MISCELLANEOUS:

End User may not assign any of its rights or obligations hereunder, whether by operation of law or otherwise, without the prior written consent of CSI. Notwithstanding the foregoing, CSI may assign this Agreement in its entirety, without the consent of End User. Subject to the foregoing,

this Agreement shall bind and inure to the benefit of the parties, their respective successors and permitted assigns. Any attempted assignment in breach of this provision shall be void. The parties hereto are independent contractors and nothing in this Agreement will create any partnership, joint venture, agency, or employment relationship between the parties. There are no third-party beneficiaries to this Agreement. The parties agree that any legal action arising under or relating to this Agreement or the Software must be maintained in the state and federal courts located in the State of Utah, and that any legal action brought in the state courts must be brought in Cache County, Utah. The laws of the State of Utah govern this Agreement, excluding laws concerning conflict of laws. In any action related to this Agreement or the Software, the prevailing party shall be entitled to an award of reasonable attorney fees and reasonable costs against the non-prevailing party. This Agreement, and any other agreements referenced herein, contains the entire agreement and understanding of the parties concerning the subject matter of this Agreement. The waiver by CSI of any breach or default under this Agreement does not constitute the waiver of any subsequent breach or default. If any provision of this Agreement is held to be illegal or unenforceable, it shall be deemed amended to conform to applicable laws or regulations, or, if it cannot be so amended without materially altering the intention of the parties, it shall be stricken and the remainder of this Agreement shall continue in full force and effect. This Agreement may be amended at any time by CSI, in CSI's sole and absolute discretion. The most current Agreement applies to End User unless otherwise designated by CSI.

BY ACCEPTING THIS AGREEMENT, YOU ARE AGREEING ON BEHALF OF YOURSELF OR THE END USER THAT YOU ARE AN AUTHORIZED USER UNDER THE TERMS OF THIS AGREEMENT, AND THAT YOU HAVE THE AUTHORITY TO BIND SUCH ENTITY TO THE TERMS OF THIS AGREEMENT. IF YOU DO NOT HAVE THE AUTHORITY TO BIND THE END USER, THEN YOU SHALL NOT ACCEPT THIS AGREEMENT AND SHALL NOT USE THE SOFTWARE. YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS AGREEMENT BY SELECTING THE "ACCEPT" OPTION AND/OR USING THE SOFTWARE. YOU MUST AGREE TO ALL OF THE TERMS OF THIS AGREEMENT BEFORE GAINING ACCESS TO AND USE OF THE SOFTWARE. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, YOU MUST NOT USE THE SOFTWARE.

CAMPBELL SCIENTIFIC Worldwide Offices:

Australia

Location: Garbutt, QLD Australia

Email: info@campbellsci.com.au

Website: www.campbellsci.com.au

Brazil

Location: São Paulo, SP Brazil

Email: andread@campbellsci.com.br

Website: www.campbellsci.com.br

Canada

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