U-Treat V4 Upgrade Installation Kit

Kit Part Number:
03-21-0031 = U-Treat Version V4

Installation Instructions

Document: TD-09-06-3042   **Revision: B**

If your upgrade kit was mailed to you, you should have received one USB flash drive containing the following files.

FOLDERS:

Backup

Default_AR010

Manual

INDIVIDUAL FILES:

Arnbcfg.txt

Notes.txt

USCAutoRun.cmd

If you received the download link via e-mail from a USC technician, you will need to supply the flash drive and download the files to that
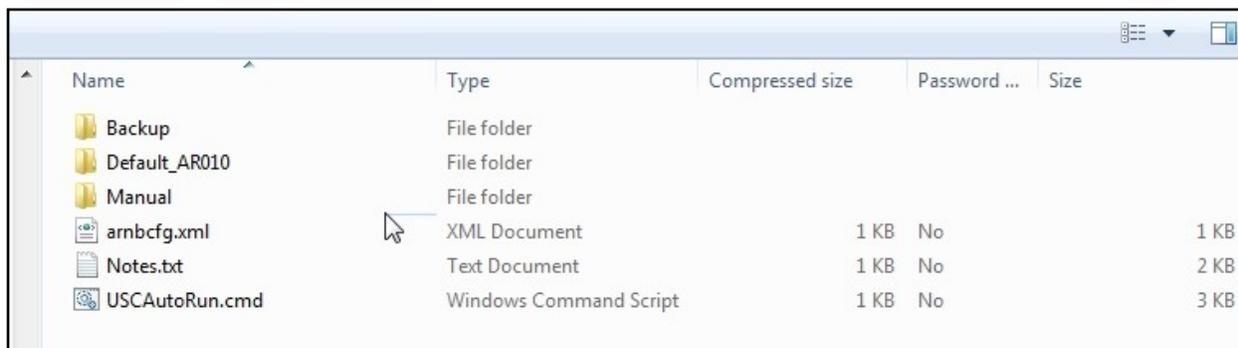
DOWNLOADING FILES

STEP 1: The files are to large to send as an e-mail attachment. The e-mail will include a link. Select the link and the download will begin automatically. A internet window will open and the download progress will be show in the lower left corner.
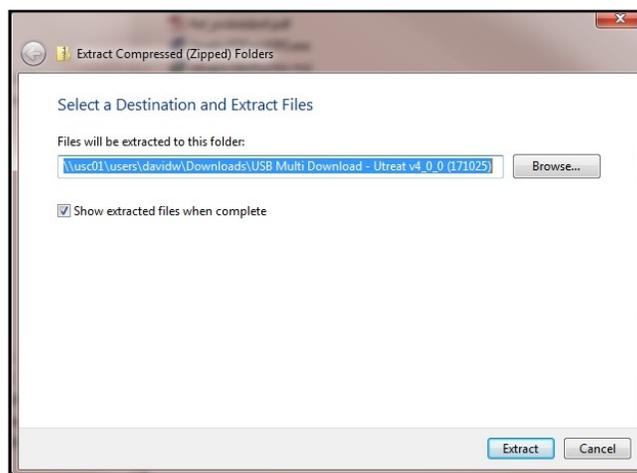When it is complete go to your download folder.
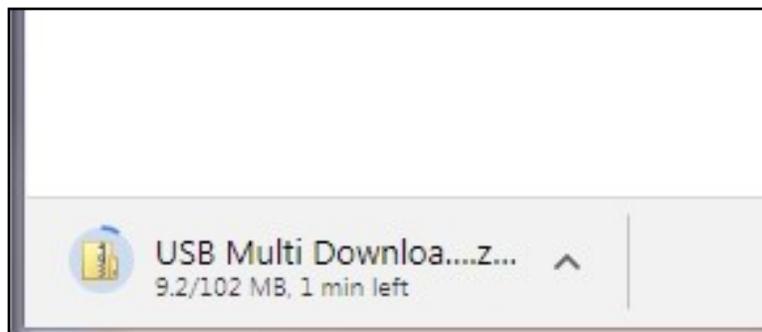
DOWNLOADING FILES

STEP 2: Open your download file. Double click the zip file, then double click on the folder. You should see the three folders and three individual files. Copy and paste the three folders and three individual files onto your blank USB drive.

Name	Type	Compressed size	Password ...	Size
Backup	File folder			
Default_AR010	File folder			
Manual	File folder			
arnbcfg.xml	XML Document	1 KB	No	1 KB
Notes.txt	Text Document	1 KB	No	2 KB
USCAutoRun.cmd	Windows Command Script	1 KB	No	3 KB

If double clicking does not unzip the file, right click on the file and select **Extract All...** from the dropdown menu. Press the extract button on the popup screen to unzip the files.

Extract Compressed (Zipped) Folders

Select a Destination and Extract Files

Files will be extracted to this folder:

\\usc01\users\davidw\Downloads\USB Multi Download - Utreat v4_0_0 (171025)   Browse...

☑ Show extracted files when complete

Extract   Cancel

STEP 3: Copy the folders and files onto the USB flash drive and remove it from the desktop.

PRESERVING v4.0 SYSTEM DATA

NOTICE Updating the program will erase all nine system logs and profiles. It is necessary to export the nine system profiles from the system for re-entry into the system after the upgrade process is complete.

Press the Utilities button at the bottom of the screen. Press the Import & Export button on the right. Insert a blank flash drive in one of the USB ports on the bottom of the panel. When the USB Status on the upper left corner reads Connected, you may begin downloading. Press each one of the Export buttons for Chemical Profiles through VFD Profiles one at a time. There will also be a warning above the module, Please do not "Exit" or cycle power. Exiting or shutting off the power will stop the process before it is complete. Remove the flash drive.

| idle | | | | | Import & Export | | | U-Treat 4.0.00 | 10/11/2017 15:17:20 |
| idle | | | | | | | | | User: OPERATOR |

USB Status: Connected.

Select the specific list you would like to export, import or delete.

Import/Export Status: Please do not "Exit" or cycle power.

List	Total Used Records	Status	Actions			Date & Time
Alarm Log	158	Exporting 40	Export		Delete	Print Setup
Events Log	224		Export		Delete	
Messages Log	0		Export		Delete	E-mail Setup
Job Reports	1		Export		Delete	
Customer Profiles	0		Export	Import	Delete	Import & Export
Seed Profiles	1		Export	Import	Delete	
Chemical Profiles	0		Export	Import	Delete	About
Chemical Recipes	0		Export	Import	Delete	
Pump Profiles	1		Export	Import	Delete	
Bin Profiles	1		Export	Import	Delete	
Conveyors Profiles	4		Export	Import	Delete	
Paths Profiles	1		Export	Import	Delete	
VFD Profiles	3		Export	Import	Delete	

| Overview | Treater Main | Treater HOA | Bin Site Main | Bin Site HOA 1 | Bin Site HOA 2 | Utilities | Reports | Profile Editing Screens | Help | Alarms | Security | Setup & Options | Setpoints | U-TREAT |

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BACKUP PROGRAM DAT FILES

There have been changes to the profile editing screen structures in v4.1. This will require backing up the v4.0 DAT files to a new folder name prior to installing v4.1.

Step 1: Tapping the blank spot in the upper right corner of the Import & Export screen once will bring up the far right side of the keyboard icon. Tapping the spot a second time will show a little more of the icon as seen in the enlarged view below.
Tapping it a third time will bring up the entire keyboard.

Tap the program button once to illuminate it, then a second time to bring up the program popup as well as the system folder shown at the bottom of the screen.
Press it to bring up the Data (D): folder in windows.

System Folder   *Program Button*

BACKUP PROGRAM DAT FILES

Step 2: Double tap the **ARWin** folder. Tap the **usc** folder once. Press and hold it a second time until there is a circle around the touch point. Release from the screen and a drop down menu will appear. Tap **rename** and change the folder name to **usc_4.0_backup_(date).**

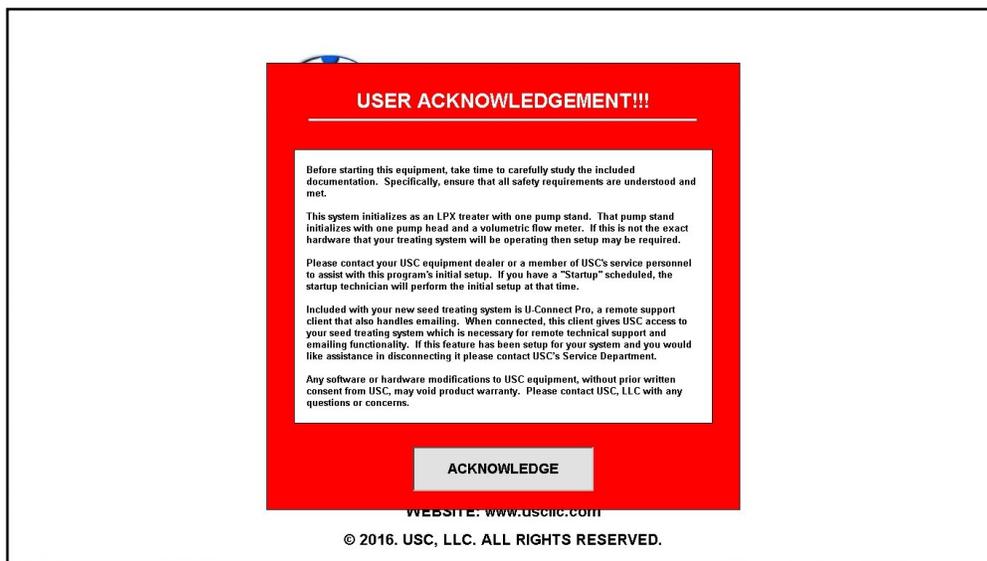As the v4.1 program is loading it will create a new **usc** folder with all of the correct DAT files.
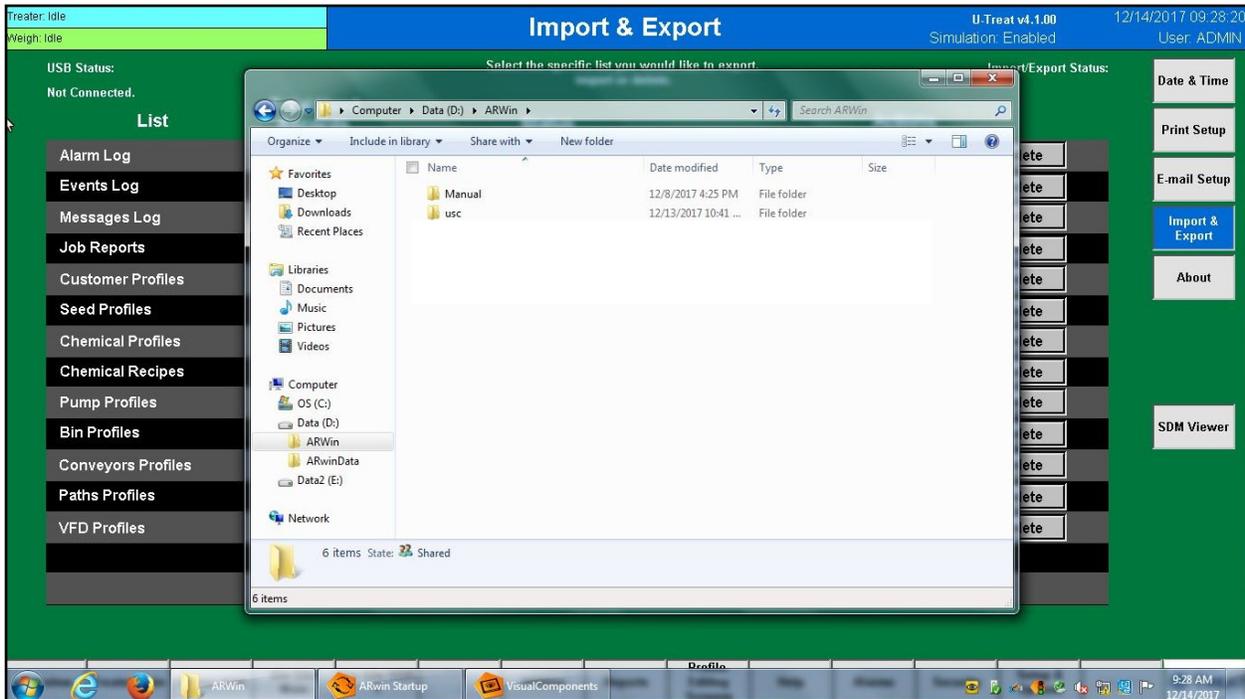
LOADING v4.1 PROGRAM

Step 1: Insert the flash drive with the program upgrade on it into one of the USB ports on the panel. The program will automatically begin to download. It will take approximately 10 minutes load.

LOADING v4.1 PROGRAM

Step 2: When the program is finished loading this is the first screen the operator will see after the program is finished loading. Remove the flash drive. After reading the User Acknowledgement statement, push the Acknowledge button at the bottom of the popup window to close the screen. While the system is booting up, the touch screen will display a timer bar at the bottom of the Start Up Screen. Once the timer bar reaches the end it will disappear and be replaced with a line of text that reads Press Screen to Continue. Press anywhere on the screen and It will advance to the Main screen.

USER ACKNOWLEDGEMENT!!!

Before starting this equipment, take time to carefully study the included documentation. Specifically, ensure that all safety requirements are understood and met.

This system initializes as an LPX treater with one pump stand. That pump stand initializes with one pump head and a volumetric flow meter. If this is not the exact hardware that your treating system will be operating then setup may be required.

Please contact your USC equipment dealer or a member of USC's service personnel to assist with this program's initial setup. If you have a "Startup" scheduled, the startup technician will perform the initial setup at that time.

Included with your new seed treating system is U-Connect Pro, a remote support client that also handles emailing. When connected, this client gives USC access to your seed treating system which is necessary for remote technical support and emailing functionality. If this feature has been setup for your system and you would like assistance in disconnecting it please contact USC's Service Department.

Any software or hardware modifications to USC equipment, without prior written consent from USC, may void product warranty. Please contact USC, LLC with any questions or concerns.

ACKNOWLEDGE

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LPV 2000

Bin Site with Tri-Flo® Automation

Loading Please Wait....

INDUSTRY LEADER. INDUSTRY INNOVATOR.

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ESTABLISHING THE SYSTEM PARAMETERS

The first screen will be the main treater screen with a flashing emergency stop popup. The user name will also be set to DEFAULT. The system is alarming because none of the system parameters have been established. The following steps will take you through the process to set up the system to accommodate your treater and or bin site.
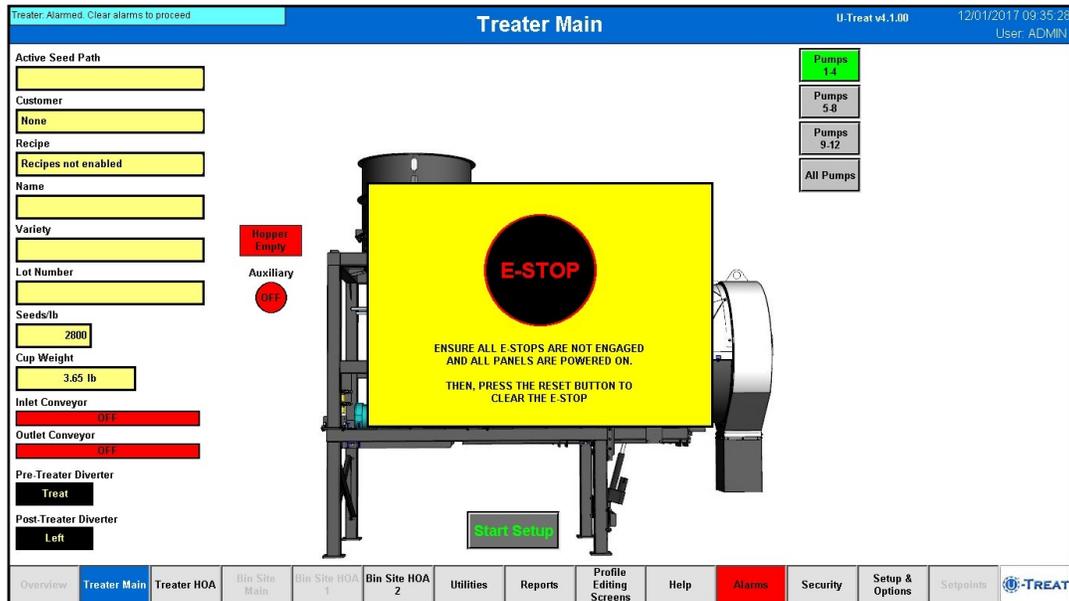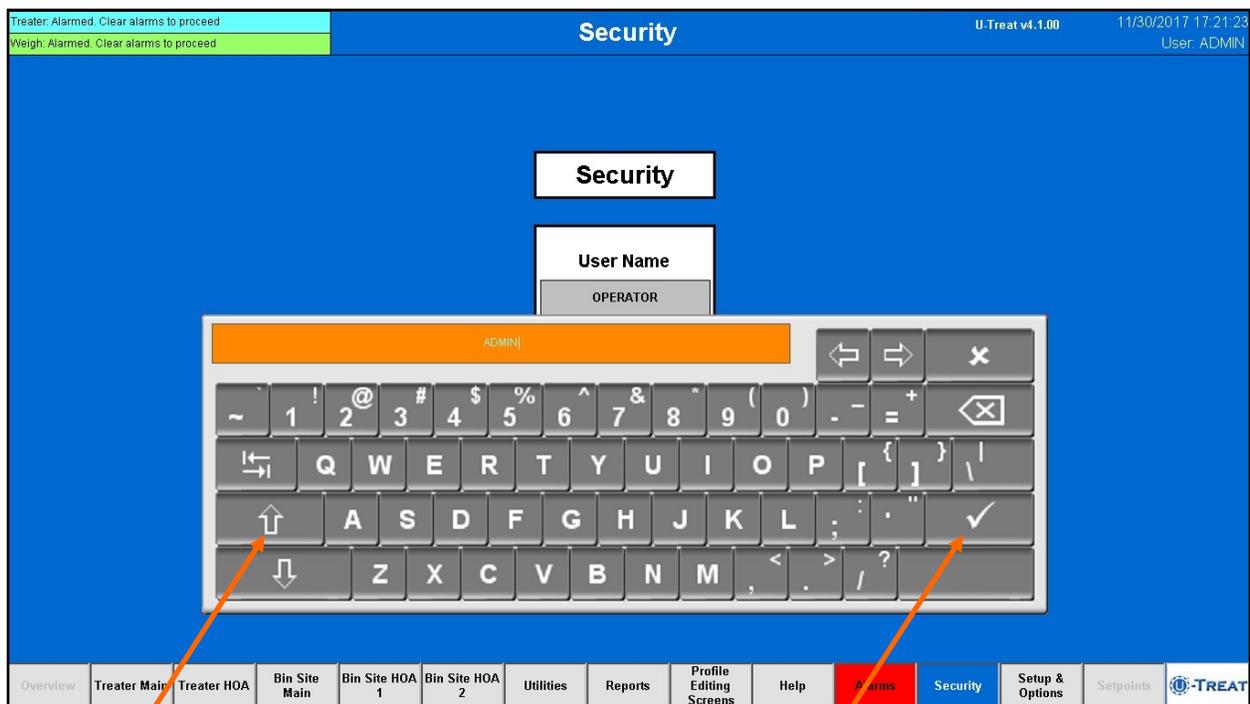

Step 1: Press the Security button at the bottom of the screen
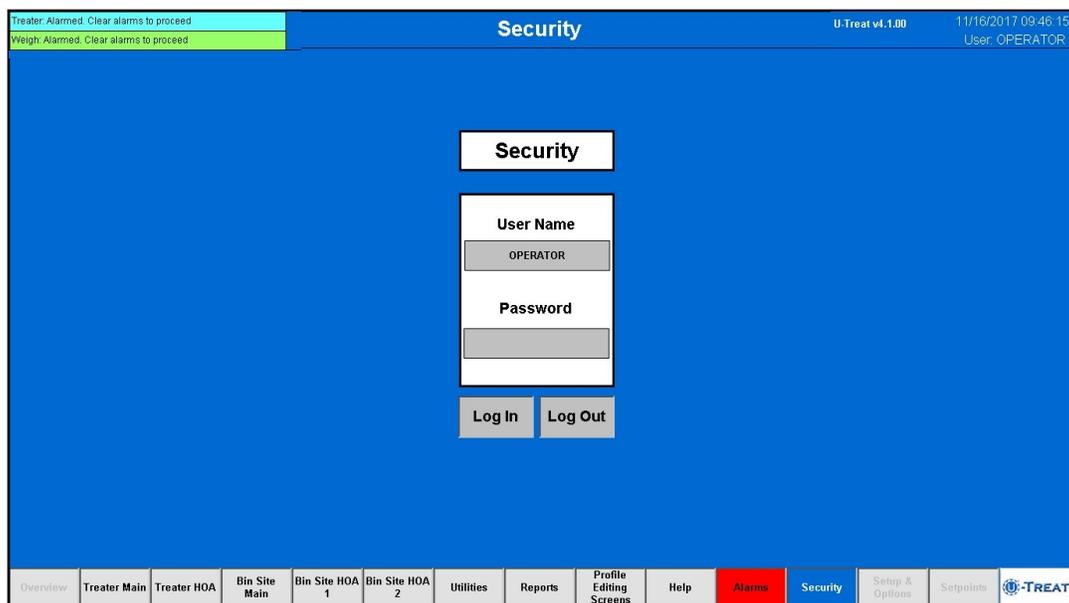
ESTABLISHING THE SYSTEM PARAMETERS

Step 1 (continued): Press the User Name button and a keyboard will popup with white background and grey text. This means it is set for lower case text. Press the shift key and it will change to dark grey background with white text for upper case. Type ADMIN in upper case text and press the key with the check mark to enter. Press the Password button and type SERVICE in upper case text and press the enter key.

Press the Login button and the User in the upper right hand corner will change from DEFAULT to ADMIN. The Setup & Options button in the lower right corner of the screen is now active.

Shift Key

Enter Key

ESTABLISHING THE SYSTEM PARAMETERS

Step 2: Press the Setup & Options button at the bottom of the screen. This is were all of hardware parameters are established.

1. Press the Auto Detect button. This will establish communication from the new main control panel to the existing control panels in the system. Some of the boxes will become checked and some of the other parameters will be set. You will still need to add some of the more detailed information. Select the items on this screen to activate the parameters that apply to your existing hardware configuration. The treater options are on the top half and the bin site options at the bottom.

   The example on page 27 shows an LPV2000 loss in weight treater with version 4 main control panel. Also, the drum tilt and treater batch mode are active as well as a pre-treater and post treater diverters. The bin site is also enabled with a Tri-Flo® weighing device, Rice Lake 1280 scale head and power link interconnectivity.

ESTABLISHING THE SYSTEM PARAMETERS

Step 2: (Continued).

2. Pressing this button allows the operator to switch between Standard or Metric units of measurement. When this button is pressed a popup window will appear. The box in the center indicates the active unit of measurement.
The default is standard unit. Pressing the metric button to change to metric measurement.
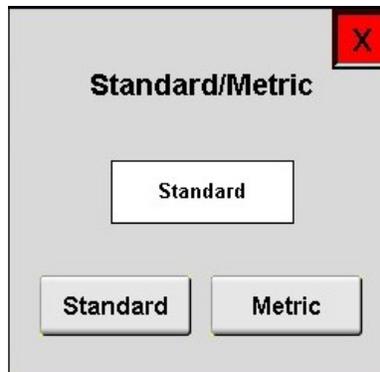
ESTABLISHING THE SYSTEM PARAMETERS

3. If you want to use the e-mail feature define the following e-mail settings.
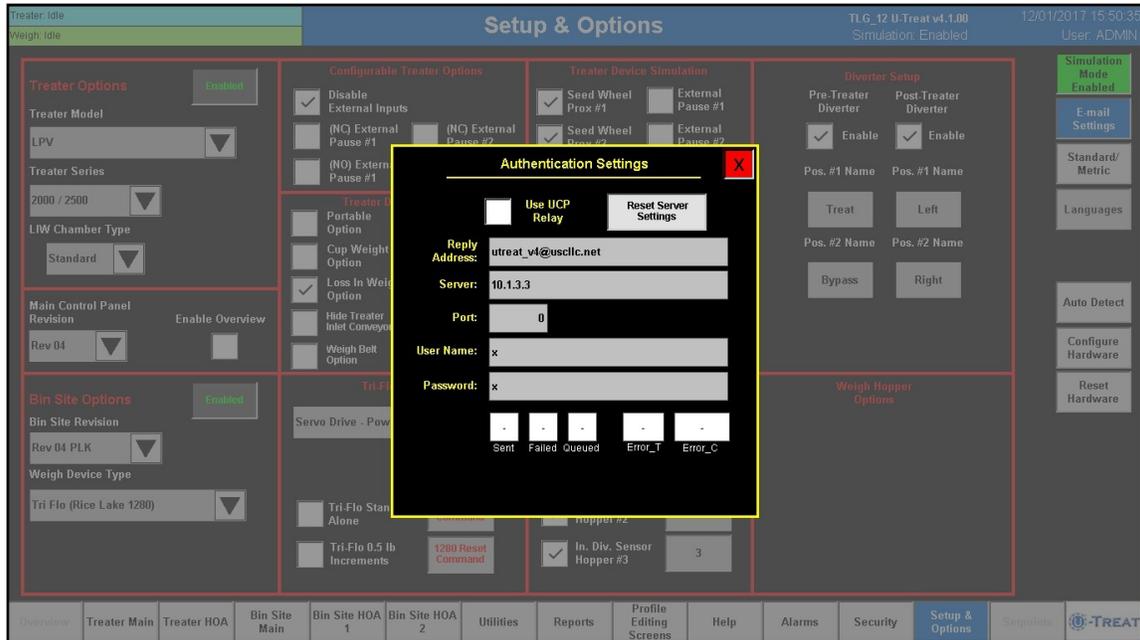
USE UCP RELAY: This setting is enabled if the customer is using U-Connect-Pro to relay the e-mail. If this option is not selected, the customer will need to provide their own mail relaying.

RESET SERVER SETTINGS: This button will reset the settings for the e-mail client.

Reply Address: This will be what e-mail address the e-mail is coming from. If there is a failure to deliver message, this e-mail will receive notification of the failure. EXAMPLE: A misspelled e-mail destination.

Server: This will be the server that we will use to authenticate the e-mail delivery.

Port: This is the port number for the authentication server.

User Name: This is the username for the authentication server. This will be used to confirm that we have rights to use the authentication server.

Password: This is the password for the authentication server.

ESTABLISHING THE SYSTEM PARAMETERS

Step 3: Set the date and time. Press the Utilities button at the bottom of the screen, then the Date & Time button in the upper right corner. Select the top three boxes to set the year, month and day. Select the bottom three boxes to set the time. The system is based on a 24 hour clock. When keying in the hour, 2:00 P.M. is 14 hours as in the example below. If you wish to view the time on the screens in 12 hour display, check the box below the time setting. The display in the upper right hand corner will now show a 12 hour clock indicating A.M. or P.M.
Press the Set Date & Time button in the center of the screen to save your entries.

LOADING PRESERVED SYSTEM DATA

Step 5: Load the preserved data from the version 3 program into the v4.1 program.

1. Insert the flash drive into the panel. The USB Status in the upper left corner should read Connected. Import each one of the seven profiles back into the version 4 program.

2. As you begin to load the files back into the system a pair of buttons will appear underneath the Actions buttons (top). Importing the profiles copies them into the system. After all of the profiles have been imported, press the flashing green Align Data Tables button. This will place the files in the correct location. A popup timer will appear with two timer bars showing the alignment progress (bottom). Wait until it disappears before leaving the screen. This will synchronize the imported data with the updated system.

NOTES:

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