

Build Date: 2010-11-03; Version: 2.1

Note: These release notes include those from 2.0.6, 2.0.7, 2.0.8, and 2.0.9 which were beta releases for testing.

===== New Features/Changes =====

- The Server Admin Window in Fusion Server was sometimes accidentally closed by people. Once closed, it could not be reopened without relaunching Fusion Server. To overcome this, there is now a button on Fusion Server's Taskbar window named Server Admin Window which, when clicked, will reopen the window. Now that this button exists, we actually recommend that the Server Admin Window be closed unless it is needed. This will give a slight performance enhancement to the server in high-usage situations. In addition, the Taskbar window has been rearranged slightly and includes some additional information at the top of the task bar.

- When using Advanced Find with textual fields, the following new operators are now available: Does Not Contain, Does Not Begin With, Does Not End With.

- The Message Center has a new menu item named Copy Message To Clipboard. Clicking this will copy the currently selected message to the clipboard so you can paste it into another application.

- When Fusion Server senses a new version is available, it will now download Fusion Truck install files for both Mac and Windows platforms if you use them. Before it would only download the Windows install file even if you used the Mac version of Fusion Truck.

- Submission to Benchmark now takes into account pre-Fusion deaths so that these are reported as best possible.

- When using Advanced Print from the Animal List window, two new fields have been added which calculate the animal's age when the report is run. Age (CCIA Months) calculates the animal's age based on how CCIA insists (basically 30 day months with some specific rounding rules) and shows the age in months. Age (Normal) prints the animal's true age in a format like so: 1y 2m 18d.

- A new window named Debug Admin is now available from the Admin --> Utilities menu. This window should generally only be used under the direction of SSG tech support and has several tools that can be used for debugging/fixing purposes. Some things the window allows you to do are harmless while others are things you need to be careful with. For this reason, you must re-enter your username and password to use the window. You can also specify what level of access each user will have with this window by editing their user information. Be aware that anyone who has user rights to edit user information will be able to change this. (Note that the functionality of this window is not fully complete.)

- When you transition a new location, a backup is automatically taken before the transition which will make it easier to back out of a transition in some cases.

===== Bug Fixes =====

- If Fusion Server was not on during the night when it normally calculates new animal weights, etc., then it does this when it is first launched in the morning. If a truck does a new sync at exactly the time it is updating weights, the truck information will be incorrect and probably look like no rations are assigned any pens. Fusion Server now checks to see if it is updating weights before allowing a sync to go ahead. If a sync is not allowed, the truck will get an error message to this affect and the user will be asked to try again in a few minutes.
- It was possible to right-click on the Task Bar and access functions even if you didn't have a license to use that module of Fusion. This is fixed.
- Changes to the Death Cause list were not reflected in master data cache updates. This is fixed.
- When creating a new scale ticket and assigning the contract right away, the Delivered percentage column in the Contracts list window would often not recalculate automatically. This is fixed. (Note that Fusion doesn't go back and recalculate this column upon upgrading, so if there are any that are wrong now, they will still be wrong until you re-save the contract or add a scale ticket.)
- When a new version of Fusion was detected, the server was not properly getting the Fusion Truck install file which meant that an auto upgrade for the trucks was not working correctly. This is fixed. Also, Fusion Truck now has some bugs fixed that will allow it to automatically upgrade in the future like it used to. This will start working for the next upgrade after this one and after upgrading to Fusion Installer 2.1.
- If you are using Fusion Installer 2.1 to install this version of Fusion, you will not need to follow the steps in the Finding the Datafile document anymore.
- Some of you occasionally got a system message with the subject "Data Integrity Warning!" which would then go on to say the problem had been fixed but that it was necessary to notify someone at SSG Fusion. I think we finally have this bug tracked down and some changes have been made so this shouldn't occur again. However, if you see this after upgrading to this version, please do notify us. Thank you.
- In some cases, the entire master data cache was updated on each client when only part of it needed to be updated. This is fixed.
- Occasionally a timing issue existed where the master data cache would not be completely up to date when it thought it was. For example, you might create a new lot, but then it would not be available in the In Cohort window to choose. This should be fixed now.
- Auto restore from a backup if necessary was not enabled. This is fixed.

- It was possible to create an out cohort from a pen with in cohorts that had not yet been assigned a lot which meant that the out cohort also did not belong to a lot. This is now fixed. You can't create a new out cohort if it won't be based on a lot anymore.
- If a new ration version came into affect on a certain day, but there was still part of a load from the previous ration version left on the truck overnight, a New Sync could cause Fusion to be confused about that ration on the truck. This is fixed.
- The Last Treat and Treat Days columns in the Diagnosis Events window would not always immediately update when an animal's treatment was finished. This is fixed.
- When printing the Actual Drugs Given column from the Treat Event list window, if more than one drug were part of the same treatment it would just print the same drug over and over. This is fixed.

===== Known Issues =====

- Fusion Server sometimes gets bogged down. Symptoms include slow cache flushing and clients that hang for several seconds to a few minutes. This version does much to alleviate this. We are working toward modifying the syncing mechanisms for the next version in an attempt to completely fix this issue.
- Fusion Server sometimes stops listening for client connections until it is relaunched. We are actively trying to get this fixed as well, although some evidence we have right now suggests that the only way to fix this issue for those having it may be to move to the 64-bit version of Windows 7 for their server and add more memory. We will inform everyone of what we find once we have solid information.