## SSC6100 Gen 5 Features Comparison

<table>
<thead>
<tr>
<th>Feature</th>
<th>Firmware Version</th>
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<tbody>
<tr>
<td>• Resolved an issue upon startup that was causing the system to become stuck in the Estop Testing screen and would not allow the system to be shutdown using the dashkey connection.</td>
<td>0.37 0.38 0.39 0.40 0.41 X</td>
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<tr>
<td>• Resolved an issue upon startup when the system did not have GPS reception and did not have a valid cell connection which resulted in a Fatal System Error message.</td>
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<td>• Added a diagnostic menu to indicate the GPS satellite information.</td>
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<td>• Added the ability to use joystick features of floats, recalls, function limits and enables with switch controlled valve functions.</td>
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<td>• Added support for transferring the diagnostic error log OTA (Over the Air) using the cellular connection.</td>
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<td>• Added the ability to receive firmware files OTA.</td>
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<td>• Added diagnostic menus to observe the state of the inputs and outputs on each module.</td>
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<td>• Added support for the 5 Second Spinner Run On mode.</td>
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<td>• Added the ability to use the spreader switch state inside the Hardware Configuration.</td>
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<td>• Fixed an issue where the backlight on the joysticks and operator interface was not active under certain startup conditions until adjusted.</td>
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<td>• Added new float type called “Pressure” which allows the header bar description to indicate “Pressure Active” instead of “Float Active”.</td>
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<td>• Added tow plow granular, tow plow prewet and tow plow direct unload modes</td>
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<td>• Added adjustments in calibration for the Wireless Arc Sensor settings</td>
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<td>• Added the ability to change the state of the spinner reverse feature using an external input configured in hardware config in addition to the soft switch.</td>
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<td>• Added the generation of a calibration settings text file that is exported with the calibration settings.</td>
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<td>• Fixed an issue where totals could not be cleared multiple times without a power cycle between clear attempts.</td>
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<td>• Fixed the missing &quot;CAMERA&quot; text activation indicator on the navigation stick display area when manual camera activation is enabled.</td>
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<td>• Fixed an issue where the tow plow materials were not changed when a new material was selected.</td>
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<td>• Reduced noise seen on camera displays when not operating at 100% backlight.</td>
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</table>
6100 Change Log for Stable Releases

6100 Spreader Control Software (0.41), Release 2020-07-16

Issues Resolved:
- Resolved an issue upon startup that was causing the system to become stuck in the Estop Testing screen and would not allow the system to be shutdown using the dashkey connection.

6100 Spreader Control Software (0.40), Release 2020-06-26

Issues Resolved:
- Resolved an issue upon startup when the system did not have GPS reception and did not have a valid cell connection which resulted in a Fatal System Error message.

6100 Spreader Control Software (0.39), Release 2020-06-17

New Features:
- Added a diagnostic menu to indicate the GPS satellite information.
- Added the ability to use joystick features of floats, recalls, function limits and enables with switch controlled valve functions.
- Added support for transferring the diagnostic error log OTA (Over the Air) using the cellular connection.
- Added the ability to receive firmware files OTA.

Issues Resolved:
- Fixed an issue where the backlighting on the operator interface would not turn on at startup until adjusted.

Other Changes:
- Additional enhancements to the diagnostic menus.
- Added a pop-up box to indicate the system is restarting when initiated from a calibration menu option or firmware upgrade.
- Changes made to improve the speed associated with the acquisition of a GPS signal.

6100 Spreader Control Software (0.38), Release 2020-04-17

New Features:
- Added diagnostic menus to observe the state of the inputs and outputs and limited device information for each module.
- Added support for the 5 Second Spinner Run On mode.
- Added the ability to user the spreader switch state inside the Hardware Configuration options.
- Added new error message for indicating a short circuit detection on the camera power, Camera Short Fault.

Issues Resolved:
- Fixed an issue where the display would lag when no cameras were connected and the user would activate a camera view. Fixed an issue where the backlight on the joysticks and operator interface was not active under certain startup conditions until the level was adjusted by the operator.
Other Changes:
- Added camera still images for use when demonstrating cameras when the spreader is connected to a computer with the VNC option enabled.

6100 Spreader Control Software (0.37), Release 2020-02-07

New Features:
- Added a new float type called "Pressure" which allows the header bar description to indicate pressure instead of float when active.
- Added tow plow granular, tow plow prewet and tow plow direct unload modes
- Added adjustments in calibration for the Wireless Arc Sensor settings (Report time, Wake time and Accelerometer Threshold). Also added the displaying of the current and peak accelerometer readings for X, Y and Z and false starts. Added the ability to reset the peak acceleration and false start values.
- Added the ability to change the state of the spinner reverse feature using an external input configured in hardware config in addition to the soft switch.
- Added the generation of a calibration settings text file that is exported with the calibration settings.

Issues Resolved:
- Fixed an issue where totals could not be cleared multiple times without a power cycle between clear attempts.
- Fixed the missing "CAMERA" text activation indicator on the navigation stick display area when manual camera activation is enabled.
- Fixed an issue where the tow plow materials were not changed when a new material was selected.
- Reduced noise seen on camera displays when not operating at 100% backlight.

Other Changes:
- Changed the cell signal strength indicator to a percentage value with 0% indicating no signal.

6100 Spreader Control Software (0.36), Release 2019-12-26

New Features:
- Added Spreader Disable feature which prevents the system from being removed from standby when active. The input used to activate the mode is configured in the hardware config file.
- Added support for a 0-20mA sensors.
- Added spinner reverse feature. A softkey can toggle the direction of a spinner without needing to change directions of the spreader.

Issues Resolved:
- Changes made to eliminate Wireless ARC sensor communication errors.
- Resolved issue of the screen occasionally going blank for 1-2 seconds when exiting calibration.
6100 Spreader Control Software (0.33), Release 2019-11-01

New Features:
- Added ability to enable outputs when in cross left or cross right mode.
- Added manual Driver ID entry screen.
- Added ability to run PreCiseMRM and a 3rd party AVL device simultaneously.
- Added ability to connect the system up to a projector.

Issues Resolved:
- Resolved issue of float delays and auto recall times randomly being set to high numbers after loading hardware config settings.

Other Changes:
- Changed Aux Power mode to operate without the need for a granular implement being active.