

SSC6100 Gen 4 Features Comparison

Feature	Firmware Version							
	1.05	1.06	1.08	1.10	1.11	1.12	1.13	1.14
<ul style="list-style-type: none"> Added support for the Dust Control Material Name and Direct Liquid Material Name event string fields Resolved a communication issue that occurred with the PreCise® MRM devices when exiting hibernation. 								X
<ul style="list-style-type: none"> Changes made to resolve the communication issues when the active modules are switched, using the implement feature. 							X	X
<ul style="list-style-type: none"> Resolved an issue with the custom speedometer trip points. 						X	X	X
<ul style="list-style-type: none"> Added calculation and display of the dew point. 					X	X	X	X
<ul style="list-style-type: none"> Added the ability to set and use interval triggers for time and distance when using event logging and the XZalt system. Added support for the CommandAll® Single Control System. 				X	X	X	X	X
<ul style="list-style-type: none"> Added support for the PreCise® MRM Temperature Sensor Decreased the time necessary to transfer the calibration settings to the Xzalt™ module. 			X	X	X	X	X	X
<ul style="list-style-type: none"> Added the spreader operational error log to the diagnostic log export. Changed the operation of the iGrip position detection. Resolved an issue when switching implements with AUXPWR turned on. 		X	X	X	X	X	X	X
<ul style="list-style-type: none"> Dynamic header bar messages specified in the HW Config file Ability to operate granular and direct at the same time on systems that contain Tow Plow Implements Ability to set the access code to match the initial access code entry screen “Truck Moving” indicator for screens that restrict standby removal Temperature reading average for temperature compensation 	X	X	X	X	X	X	X	X

6100 Change Log for Stable Releases

6100 Spreader Control Software (1.14), Release 2022-09-30

Features Added:

- Added support for the following event string fields; Dust Control Material Name (Field 39) and Direct Liquid Material Name (Field 40).

Resolved Issues:

- Resolved the communication error that was occurring with the PreCise® MRM units upon exiting hibernation.

6100 Spreader Control Software (1.13), Release 2019-06-21

Resolved Issues:

- Changes made to resolve the communication issues that result when changing implements and swapping the physical modules used in the system.

6100 Spreader Control Software (1.12), Release 2019-01-03

Resolved Issues:

- Fixed the issue with the custom speedometer trip points not working after the system was power cycled.

6100 Spreader Control Software (1.11.1035), Release 2017-06-08

Features Added:

- Added calculation and display of the dew point.
- Added support for the reporting of the relative humidity in the XZalt event string.

6100 Spreader Control Software (1.10.1023), Release 2017-03-24

Features Added:

- Added the ability to set and use interval triggers for time and distance with the event logging system when the system is applying material use the mixed material (XZalt) operation mode.
- Added support for the CommandAll® Single Control System.

6100 Spreader Control Software (1.08.931), Release 2016-11-28

Features Added:

- Added support for the PreCise® MRM Temperature sensor allowing for the display of road and air temperature and relative humidity.

Resolved Issues:

- Eliminated the false communication errors from being displayed on the screen and logged in the error log during startup of the system that contains multiple modules.
- Reduced the time required to complete the transfer with the Xzalt™ module.

Other Items:

- Enhanced the operation of the two-position gate system to only indicate an error during operation and not when in the calibration menus. Also updated the operation to only log an error condition if the operator confirms the override option. Until the override option is selected the condition is treated as a warning and not an error.
- Updated the handling of USB storage devices to support differences in the partitioning and formatting of the devices.
- Modified various components in the CAN communication to reduce the amount of traffic on the CAN buses.

6100 Spreader Control Software (1.06.855), Release 2016-04-15

Resolved Issues:

- Fixed the issue that was causing the system to enter the Fatal Error when switching implements with AUXPWR turned on.

Other Items:

- Added the standard error log which is viewable to the user to be included in the diagnostic error log package that is exported in the calibration menu to assist in troubleshooting.
- Changed the operation of the iGrip enable detection when starting from the center position.

6100 Spreader Control Software (1.05.813), Release 2016-03-17

Added Features:

- Added the ability to associate an input state with a header bar message that has the text and color of the message defined in the hardware configuration file.
- Added the ability to operate direct and granular application on a tow plow system or truck while the tow plow system is active. When this operation is selected prewet is not available for either the truck or tow plow system.
- Added the ability to set the calibration access code and data clear codes to the default entry code that is used when accessing these menus allowing the operator to enter these menus without having to change the code on the entry screen.
- Added a “Truck Moving” indicator for the screens that prevent the system from being taken out of standby while the system is detecting input from the speedometer. These screens include the calibration output min/max duty cycle, material auto-calibration screens and the material unload screens.
- Added an average temperature reading that is used with the temperature compensation system that is configurable allowing the ability to adjust the response of the temperature compensation system.

Resolved Issues:

- Changes made to have the system contain a more consistent module initialization time upon exiting hibernation.

6100 Spreader Control Software (1.04.724), Release 2016-01-04

Added Features:

- Added the display and logging for the MPJC backlight communication error.

Resolved Issues:

- Fixed the issue that was causing the text to be distorted when displaying the data reports.



6100 Spreader Control Software (1.03.668), Release 2015-05-20

Added Features:

- Temperature compensation for granular and prewet application rates.
- Float delay time is adjustable with a calibration item for each available float.

Resolved Issues:

- Added the gate height to appear in the event logging string.
- Fixed the operation of the open loop application mode when using mixed material.

Other Items:

- Case no longer matters for file extensions when importing files (calibration, hardware configuration or firmware upgrade).

6100 Spreader Control Software (1.02.558), Release 2015-02-18

Resolved Issues:

- Corrected an issue where the error log contents were not being displayed.

Other Items:

- Changed the access code entry screens to start with blanks instead of '000000' which is the default access code.