

Size Stream SS20 Scanner v6.0.1 Release

Copyright © 2012-2018 Size Stream LLC
All Rights Reserved

The Size Stream team is excited to announce the release of our v6.0.1 software for our classic Scanner and ShapeTrax Scanner products.

V6.0.1.59 Hotfix

Improvements:

- Stop sensor streaming before data processing, this greatly improves processing speed.

Bug Fixes:

- Catch the occasionally sensor fails to respond during acquire problem. The software will no longer “hang” when encountering this problem but will alert the user that a critical sensor error has occurred and give them instructions to shut down the software and shut down the computer.
- Updated the logo on the print out to reflect the new logo coloring.

V6.0.1.55 Hotfix

Bug Fixes:

- Composite Custom Measurement results used wrong landmark set during calculations. Corrected so that it uses the first valid set of landmarks in a multiscan.

V6.0.1

New Features:

- OpenGL rendering for higher quality 3D data visualization.
- Settings tool available through the left-hand utility menu. Use this instead of changing settings through the user_settings and system_settings files.
- UI colors can be customized using theme files.
- Scale integration for accurate scan subject weight
- Actual_weight measurement added to report weight from scale
- ShapeTrax product will track internet connectivity and prevent scans if connectivity is lost.

Improvements:

- Files saved from a multiscan now have more consistent naming (_1, _2, _3..._composite..).

Features Removed:

Bug Fixes:

- Custom measurement “Force” functions now correctly convert units.
- Individual measurement files written out from a multiscan now properly show individual measurement and custom measurement results instead of the composite result. Composite result is still written into composite measurement file.
- Scanning results now repeatable from file load of binary and body mesh OBJ files – requires same settings to be used.
- Scanner software will not initialize if critical modules are missing.
- ShoulderArc measurements now report values in selected units instead of value in mm.
- Lower Leg processing bug fixed making lower leg measurements more robust.
- Software reports actual_weight correctly in both metric and English units.
- ShapeTrax Scanner software now shows the same level of precision as the ShapeTrax app (1 decimal)
- ShapeTrax Scanner results now report the same as the SHapeTrax mobile app results if the units are the same.
- Scrollbars are wider for easier touchscreen use.

Known Issues:

- Because of file name convention changes, scan data saved during a multiscan will no longer be recognized by Studio software batch processing as a multiscan. To make this feature work you need to remove the “_1” extension from the first scan in the series.
- System Alignment has a memory leak that can cause a fatal memory crash after about 200 system alignment events.
- Display of 3D data may flicker or disappear during use of the scanner.
- Display may show black screen during periods of data processing.
- Display of 3D data will show “on top” of other open applications, even when those applications have focus or when the application is minimized.
- Toggling between raw data and body mesh data can result in measurement lines displayed on the raw data.
- Slow down of 3D point processing (~20 seconds across a multiscan of 3). This slowdown is anticipated to be fixed in the next software release.
- Some UI status messages may not be translated or complete. Improvement in status reporting is anticipated for the next release.
- If a sensor becomes disconnected after system initialization the software may crash during the next alignment or scan sequence.

V6.0.0

New Features:

- Optional secure, direct and anonymous scan data upload to the Size Stream 3DiD platform.
 - Optional QR Code integration with the Size Stream mobile application allows user to claim their scan data securely and privately.
 - Optional alternate secure FTP wi-fi scan data upload through your mobile device using the Size Stream mobile application.
- Optional Kiosk Mode installation to make it difficult for the casual user to access the OS:
 - Full screen application
 - Disabled access to USB ports
 - Hidden operating system task bar
- V6.0 offers a new, improved Size Stream SDK.

Improvements:

- Data processing speed greatly increased. Size Stream's "multiscan" feature now processes in over 2x processing time to provide a greater amount of accuracy in a shorter period of time.
- Improved system logging.
- System settings are now separated from User Settings. Settings are now stored in YAML file format. Please see manual for how to adjust the user_settings.yaml file to customize the Scanner configuration.
- Installation now separates system files and executables from user data
 - System Files located: C:\Program Files\Size Stream\Size Stream Scanner\
 - Application Config: C:\Program Files\Size Stream\Size Stream Scanner\
 - User Save folder located: C:\user\Documents\Size Stream Save Files\
 - User Settings Files located: C:\ProgramData\Size Stream \Size Stream Scanner\
- Changing languages no longer requires re-installing the software. Instead, change the language setting in the user_settings.yaml.

Features Removed:

- Avatar generation, save, load and display features have been removed.
- Previous version of the Size Stream SDK (Also referred to as the Size Stream API) are no longer supported with v6.0 software.
- Custom Measurement Editor and Measurement Selector support applications are not included in this installation, please use previous version of Size Stream Scanner or Studio software to generate custom measurement scripts and measurement order files.
- Color Scan save to image functionality is removed.

Bug Fixes:

- Fixed incorrect mapping to sensor calibration data, which will improve data quality.
- Disabled hardware check functionality, which would report errors when there were none.

Known Issues:

- Hardware Check function is disabled and will always return true. This will be fixed in a future version.
- Color scan mode may not be mapping color correctly. The color data may be “stale” and represent the color from a previous scan.