# Base Information

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| Objective/Scope | This specification document aims to verify the implementation of IOS software design specifications outlined in *DEV-0044559* *STMN IOS SDD - Main application* [2] |
| Version No. | 3 |
| PRS [1] Requirements tested | 1.001, 1.002, 1.003, 1.004 |

# Related Test Report

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| Filename | DEV-0044614 STMN IOS Software Main Application Verification Report [3] |

# Final Result

A summary evaluation of all results in the related test report is given by the independent reviewer on the front page of the related test report. The final result is stated at the end of the quality control.

* Pass: everything in the report has been passed.
* Fail: one or more test steps failed.

The reviewer must add their full name (first name or initial and full last name), the date of the review and signature to the report. The reviewer may sign with initials in case they have been introduced to Straumann Group (e.g. in the work contract or job description).

# Test Specifications

## TC01001 – Open the software and perform the 1st time setup on touch screen

| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| --- | --- | --- | --- | --- |
| *Setup* | *Re-install the software with a new database.*  *Use a touch screen Device during the test.*  *CaresConnect user credential available to the SQA team* | *n/a* | *n/a* | *n/a* |
| 1 | Open the MS Windows start menu and search for “Sirios”.  Check if the icon is displayed in compliance with the marketing branding guidelines as below:  A logo of a company  AI-generated content may be incorrect. | 6894\_005 | The product name “Straumann SIRIOS” and the product icon shall be displayed in compliance with the marketing branding guidelines. | Observation/ Screenshot |
| 2 | On the desktop, select the “Straumann SIRIOS” shortcut icon using the touchscreen.  Check if the icon is displayed in compliance with the marketing branding guidelines as below:  A green letter s with a blue arrow  AI-generated content may be incorrect. | 6894\_005, 6894\_007 | The software shall respond to the touchscreen inputs and select the icon.  The product name “Straumann SIRIOS” and the product icon shall be displayed in compliance with the marketing branding guidelines. | Observation/ Screenshot |
| 3 | Double click and start the software using the touchscreen.  Check if the splash Screen is displayed in compliance with the marketing branding guidelines as below: | 6894\_004, 6894\_007 | The software shall respond to the touchscreen inputs, the Splash Screen shall be displayed and includes the following elements:   * The text "Straumann"SIRIOS™️" * The loading bar using green color. | Observation/ Screenshot |
| 4 | Perform all the steps of the 1st time setup using the touchscreen. | 6894\_007 | The software shall respond to the touchscreen inputs and the 1st time setup shall guide the user to:   * Set the Clinic information. * Set up the Cares Connect access. * Create a dentist account | Observation/ Screenshot |
| 5 | Go to the login page, and log in using the touchscreen. | 6894\_004, 6894\_007 | The login page shall feature the user that was created, and the login shall occur thought touchscreen inputs. | Observation/ Screenshot |
| 6 | Using the touchscreen, on the window bar of the software, perform the following actions:   * Restore and slide the window to the left, then to the right. * Maximize the window. * Minimize the window. * Click on **Exit** and shut down the software. | 6894\_006, 6894\_007 | The software shall respond to the touchscreen inputs.  The window bar of the software shall allow the software to be minimized, maximized.  The software shall be shut down from the main window. | Observation/ Screenshot |

## TC01002 – Scan Workflow on touch screen

| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| --- | --- | --- | --- | --- |
| *Setup* | *The case has to be performed using the touch screen*  *Create a case with one scan body. And go to the scan step.*  *Use a model with the scan body on the corresponding teeth.* | *n/a* | *n/a* | *n/a* |
| 1 | Scan the lower arch.  Using the touchscreen, zoom, rotate and pan the preview mesh. | 6894\_007 | The user can zoom, rotate and pan the preview mesh. | Observation/ Result documentation |
| 2 | Double touch the scan 3D view. | 6894\_007 | The user can reset the preview mesh to centered position and the default zoom level. | Observation/ Result documentation |
| 3 | Scan the upper and Bite, proceed to the review step.  On Display option, use the sliders to show/hide the lower and upper arch.  Turn on the monochrome mode. | 6894\_007 | The user can show/hide the lower and upper arch.  The model is on monochrome. | Observation / Screenshot |
| 4 | Using the touchscreen, open the Tooth tagging toolkit and assign the scan body. | 6894\_007 | The user can validate the implants with the scan body. | Observation / Screenshot |
| 5 | Proceed to export view, zoom and rotate the preview mesh of lower, upper and occlusion scan. | 6894\_007 | The user can zoom and rotate the preview scan. | Observation/ Result documentation |

## TC01003 – Authorized Scanners

| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| --- | --- | --- | --- | --- |
| *Setup* | *One compatible scanner (Straumann branded) and one non-compatible scanner (Allied Star branded).*  *Create a case or a quick scan and proceed to the scan step.* | *n/a* | *n/a* | *n/a* |
| 1 | From the scanner list, connect to a non-compatible scanner. | 6894\_002 | The scanner shall not be connected,  A warning message shall inform that the scanner is not compatible. | Observation/ Screenshot |
| 2 | From the scanner list, connect a compatible scanner. | 6894\_002 | The scanner shall be connected. | Observation/ Screenshot |
| 3 | Perform a scan of lower, upper and bite. | 6894\_002 | The scans shall be completed | Observation/ Result documentation |

## TC01004 – Display the software’s build version

| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| --- | --- | --- | --- | --- |
| *Setup* | *n/a* | *n/a* | *n/a* | *n/a* |
| 1 | Open Straumann IOS.  Go to **Options** > **About**. | 6894\_001 | The software’s build version is displayed in the format x.x.x.xxxx  The number’s first 2 digits shall follow Allied star's requirement (1.0).  The 3rd and 4th digits shall be incremented as per the design and development process. | Observation/ Screenshot |
| 2 | On the Windows task bar, show the hidden icons.  Hover the Straumann IOS server icon. | 6894\_008 | The tooltip is indicating the software’s build version in the format x.x.x.xxxx.  The displayed version matches the software version from the previous step. | Observation/ Screenshot |

# Referenced Documents

1. DEV-0044555 STRMN IOS Software Product Requirements Specification Rev 7
2. DEV-0044559 STMN IOS SDD - Main application Rev 3
3. DEV-0044614 STMN IOS Software Main Application Verification Report

All documents referenced are in the DHF with the version number and/or date.

# Anomalies

If anomalies other than the ones included in this specification occur, a summary description is given in the related test report, in *Verification and Validation Summary Report (FMR-000716)* and *Control of nonconforming product (PRC-000116)* is applied.

# Document History

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| --- | --- | --- |
| **Version** | **Author** | **Change to previous version** |
| 1 | Plinio Cesar dos Santos Silva | *Initial version* |
| 1.1 | Mohamed Amine Abdessemed | Both **TC01004** and **TC01005** were removed following the update of the SDD 6894\_003, Soft Tissue Removal is not covered by Main Application.  **Reason: Implementation of recommendations, deviations and new features for 1.0.1 release.** |
| 3 | Theo Legrais | Added TC01004 – and moved the step 6 of TC01001 in the TC01004  **Reason: SDD 6894\_008 added for 1.0.2 release** |

# Review & Approval

The content approver of this document confirms that the Reviewer(s) listed below have reviewed and approved the content of this document version.

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| --- | --- | --- | --- |
| **Project Role** | **Function** | **Name** | **Review Date** |
| Software Quality Analyst | Author | Theo Legrais | 2025-01-24 |
| Software Quality Analyst | Review | Habone Youssouf | 2025-01-29 |
| Software Quality Analyst Manager | Review/ Content approver | Adrien Desbois | 2025-02-03 |
| Software Development Manager | Review/ Authorization for Use | Chiara D’Alonzo | 2025-02-17 |
| QA Manager | Review | Abdelghani Merouchi | 2025-02-13 |

# Signatures

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| **Electronic Signature** |
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