# Base Information

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| --- | --- |
| Objective/Scope | The aim of this specification document is to verify the implementation of the Straumann IOS software Design specifications outlined in *DES73-6896 STMN IOS SDD - User management and login* [2] |
| Version No. | 1.2 |
| PRS [1] Requirements tested | 3.001, 3.002, 3.003, 3.004 |

# Related Test Report

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| --- | --- |
| Filename | DEX73-6971 STMN IOS Software User management and login 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.

# Test Specifications

## TC03001- Admin and multiple user creation during the first time setup process

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *Straumann IOS is newly installed with a new database.* | *n/a* | *n/a* | *n/a* |
| 1 | Start Straumann IOS.  Proceed through the steps to the *Administrator setup.* | 6896\_006 | The user lands on c*reating an administrator account* with the **Username** and **Password** fields.  The **Password** field is empty.  There are **Previous** and **Next** buttons. | Observation/ Result documentation |
| 2 | Enter a valid Username and a 4-digits PIN as password.  Create the admin account.  Proceed through the steps until you get to the dentist setup | 6896\_006  6896\_002 | The admin account is created.  The step to create a dentist account is displayed with **First name**, **Last name**, **Username**, **License** and **password** fields. | Observation/ Result documentation |
| 3 | Click **Next** without filling any fields. | 6896\_002 | The First Name, Last Name, Username and PIN are highlighted indicating that they are required. | Observation / Screenshot |
| 4 | Fill the First Name, Last Name, Username and enter 5 digits for the pin and click **Add or Next**. | 6896\_002 | The user cannot proceed.  The password (PIN) field is highlighted, and a message is indicating that the password must be 4 characters long.. | Observation/ Screenshot |
| 5 | Enter 3 digits for the password and click **Add or Next**. | 6896\_002 | The user cannot proceed.  The password (PIN) field is highlighted, and a message is indicating that the password must be 4 characters long. | Observation/ Result documentation |
| 6 | Enter 4 letters for the password and click **Add or Next**. | 6896\_002 | The user cannot proceed.  The password (PIN) field is highlighted, and a message is indicating that the password must be only digits. | Observation/ Result documentation |
| 7 | Enter a valid First Name, Last Name and Username.  Enter a pin with 4 digits.  Click Add. | 6896\_001, 6896\_002 | The user is created, and the fields are cleared so a new dentist user can be added.  The Add button is available in the view to add a new user. | Observation / Screenshot |
| 8 | Enter a valid First Name, Last Name and Username for the second user.  Enter a Password with 4 digits.  Complete the initial configuration. | 6896\_002 | Initial configuration is completed.  The log in screen is displayed.  The admin and the 2 user accounts are displayed. | Observation/ Screenshot |

## TC03002 – The admin creates new user

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *n/a* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as an admin.  Go to **Options** > **System**.  In *Dentist account*, add a new user.  Click **Save** (without completing all mandatory fields). | 6896\_001, 6896\_002 | The following fields are highlighted indicating that they are required: **First Name**, **Last Name**, **Username** and **PIN**. | Observation / Screenshot |
| 2 | Enter valid information in all fields.  Click **Save** to create the user. | 6896\_001, 6896\_002, 6896\_003 | The user is created and added to the list of users. | Observation / Screenshot |
| 3 | Log out from admin. | 6896\_003 | The newly created user is in the list on the login screen. | Observation/ Result documentation |
| 4 | Log in as the new user with its 4 digits PIN. | 6896\_100 | The log in is successful. | Observation/ Result documentation |
| 5 | Go to **Options**. | n/a | The information under **My Profile** is the same as entered during the user creation. | Observation / Screenshot |

## TC03003 – The admin views and edits user information

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirement** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *n/a* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as an admin.  Go to **Options** > **System**.  Click **⋮** on a user in the list and then **Edit**. | 6896\_004 | The admin is able to edit the following fields of the user: Username, First name, Last name, License, PIN. | Observation/ Result documentation |
| 2 | Modify the user information.  Click **Save**. | 6896\_003, 6896\_004, 6896\_007 | The updated user’s information is displayed in the list of dentist accounts. | Observation / Screenshot |
| 3 | Log out from admin.  Log in as the previously updated user.  Go to **Options**. | n/a | The information under *My Profile* has been updated. | Observation / Screenshot |
| 4 | Log out and log in as an Admin.  Go to **Options** > **System**.  Edit a user and change the **Password**. | 6896\_004 | The password of the user has been updated. | Observation/ Result documentation |
| 5 | Log out from admin.  Log in as the previously updated user using the old password. | n/a | The user is not able to log in. | Observation/ Result documentation |
| 6 | Log in as the previously updated user using the new password. | n/a | The user is able to log in. | Observation/ Result documentation |

## TC03004 – A user edits its own information

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirements** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *n/a* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as a user.  Go to the ***Options*** > **User**.  Remove the **First Name**, **Last Name** and **Username.**  Click **Save**. | 6896\_005, 6896\_007 | The First Name, Last Name and Username are highlighted to indicate that these fields are required. | Observation / Screenshot |
| 2 | Update the following fields:   * First Name, * Last Name, * Username, * License.   Go to a different Options menu without clicking the save button and go back to the user view. | 6896\_005, 6896\_007 | The previous changes don’t appear. | Observation / Screenshot |
| 3 | Modify all fields. Enter the **First Name**, **Last Name** and **Username**, **License** while leaving password blank.  Click **Save**. | 6896\_005, 6896\_007 | The changes are saved. | Observation/ Result documentation |
| 4 | Log out. | 6896\_005 | The edited user has their username changed on the log in screen. | Observation / Screenshot |
| 5 | Log in as that User with a valid password. | 6896\_005  6896\_007 | User is able to log in.  The password has not been updated. | Observation/ Result documentation |
| 6 | Go to the ***Options*** > **User**.  Change the **Password** to something different and click **Save**.  Log out and then log in as that user using the old password. | 6896\_005, 6896\_007 | User is unable to log in. The password has been updated | Observation/ Result documentation |
| 7 | Restart Straumann IOS.  Try to log in as the user again, using the new password. | 6896\_005  6896\_007 | User is able to log in. | Observation/ Result documentation |

## TC03005 – The admin edits its own information

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirements** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *n/a* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as an admin.  Go to the ***Options*** > **User**.  Remove the **Username.**  Click **Save**. | 6896\_006, 6896\_007 | The Username is highlighted to indicate that this field is required. | Observation / Screenshot |
| 2 | Edit the Username, change the **Password** and click **Save**. | 6896\_006, 6896\_007 | A message appears indicating that the changes have been saved. | Observation / Screenshot |
| 3 | Log out and then log in using the previous password. | 6896\_006 | The admin is unable to log in. | Observation/  Result documentation |
| 4 | Try to log in again using the new password. | 6896\_006 | The admin is able to log in. | Observation/ Result documentation |

## TC03006– User deletion

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirements** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *Have one user with multiple patients and cases.* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as an admin.  Go to **Options > System**.  Delete the user. | 6896\_010 | The dentist is deleted, and the User list is updated. | Observation / Screenshot |
| 2 | Log out. | 6896\_010 | The deleted user does not appear on the log in screen. | Observation / Screenshot |
| 3 | Log in as an admin.  Go to *Patient management*. | 6896\_008, 6896\_009 | The patients of the deleted user are still displayed and linked to the deleted user. | Observation / Screenshot |
| 4 | Go to *Case management*. | 6896\_008, 6896\_009 | The cases of the deleted user are still displayed and linked to the deleted user. | Observation / Screenshot |
| 5 | Open a case of the deleted user.  Open the Treatment Plan. | 6896\_011 | The Dentist field indicates the deleted user. | Observation / Screenshot |
| 6 | Create a new case and search for the deleted user. | 6896\_012 | The deleted user does not appear.  The case cannot be assigned to the deleted user. | Observation/ Result documentation |

## TC03007 – Re-assigning case’s dentist

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirements** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *Have multiple dentists* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as an admin.  Create a new case,  Select a dentist.  Complete the case creation. | 6896\_012 | A case is created and assigned to the selected dentist. | Observation/ Screenshot |
| 2 | Go to *Case management* and open the previous case.  Change the assigned dentist.  Click **Save**. | 6896\_012 | The case is updated and is assigned to the selected dentist. | Observation/ Screenshot |

## TC03008 – 4 digits PIN password

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirements** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *Have Admin and 1 dentist account* | *n/a* | *n/a* | *n/a* |
| 1 | Start Straumann IOS.  On the login screen, select a user. | 6896\_100 | A 4 digits PIN is required to log in with the user. | Observation/ Screenshot |
| 2 | Enter a wrong 4 digits PIN. | 6896\_100 | The login is unsuccessful. | Observation/ Result documentation |
| 3 | Enter the correct 4 digits PIN. | 6896\_100 | The login is successful, and the user workspace is displayed. | Observation/ Result documentation |
| 4 | Log out.  Select the admin account. | 6896\_100 | A 4 digits PIN is required to log in with the user. | Observation/ Screenshot |
| 5 | Enter a wrong 4 digits PIN. | 6896\_100 | The login is unsuccessful. | Observation/ Result documentation |
| 6 | Enter the correct 4 digits PIN. | 6896\_100 | The login is successful, and the user workspace is displayed. | Observation/ Result documentation |

## TC03009 – Unique username

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| --- | --- | --- | --- | --- |
| **Step** | **Description** | **Requirements** | **Expected Result** | **Test Method / Objective Evidence** |
| *Setup* | *Have multiple dentists* | *n/a* | *n/a* | *n/a* |
| 1 | Log in as an admin.  Go to **Options > System**.  Create a Dentist account with the same username that an existing one. | 6896\_013 | An error message, indicating that the username is already used, is displayed. And the user cannot be created. | Observation / Screenshot |
| 2 | Edit a user.  Change the username to the same username as an existing user. | 6896\_013 | An error message, indicating that the username is already used, is displayed. And the user cannot be updated. | Observation / Screenshot |

# Referenced Documents

1. DES73-6533 STMN IOS Product Requirement Specification (v2.5)
2. DES73-6896 STMN IOS SDD - User management and login (v1.0)
3. DEX73-6971 STMN IOS Software User management and login Verification Report

All documents referenced are listed in the DHF with 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

|  |  |  |
| --- | --- | --- |
| **Version** | **Author** | **Change to previous version** |
| 1 | Shivani Girish Munale | Initial Version |
| 1.1 | Mohamed Amine Abdessemed  Theo Legrais | Updated: TC03001 to TC03008  The TC03009 has been added for a better coverage of 6896\_013  **Reason: Implementation of recommendations, deviations and new features for 1.0.1 release.** |
| 1.2 | Habone Youssouf | Updated TC03001 and TC03004 to TC03009  **Reason: Implementation of recommendations and deviations for 1.0.2 release.** |

# Review & Approval

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Project Role** | **Function** | **Name** | **Date** |
| Software Quality Analyst | Author | Habone Youssouf | 2025-01-28 |
| Software Quality Analyst | Review | Theo Legrais | 2025-01-28 |
| Software Development Manager | Review / Authorization for Use | Chiara D’Alonzo | 2025-02-10 |
| Software Quality Analyst Manager | Review/ Content Approval | Adrien Desbois | 2025-02-03 |
| Quality Assurance Manager | Review | Abdelghani Merouchi |  |