1. **PURPOSE**

This document identifies the requirements under test, specifies test cases, the implementation plan, and the qualification plan.

1. **SCOPE**

SW shall allow for following six groups of users: {Operator}, {Site Admin}, {Applications Engineer}, {Cantel Field Service Engineer}, {Cantel production}, and {Cantel Engineering}.

1. **APPLICABLE DOCUMENTS**

| **Document Number** | **Document Title** |
| --- | --- |
| SOP-00335 | Software Development Procedure |
| SOP-00478 | Test Software Procedure |

1. **EQUIPMENT / SUPPLIES**

| **Resource** | **Details** |
| --- | --- |
| NA | NA |

1. **Features/Requirements to be Tested**

| **SRS Number** | **Test Case Number and Name** |
| --- | --- |
| RVX2-SUBR-105 | Definition of user groups |

1. **TEST PROCEDURE CASES**

| **Test Overview and Status** | **Recorded Information** |
| --- | --- |
| **Test name:** | GUI\_10\_Login\_Default |
|
| **Name of Tester:** |  |
|
| **Signature:** |  |
|
| **Test Date:** |  |
|
| **Name of Reviewer:** |  |
|
| **Signature:** |  |
|
| **Date:** |  |
|
| **Test Duration (min):** |  |
|
| **Traceability requirement numbers:** | RVX2-SUBR-105 |
|
| **Product name and revision:** | Revox 2.0 |
|
| **Revox 2.0 Machine Name:** |  |
|
| **Controller/PLC software revision:** |  |
|
| **HMI Software Version:** |  |
|
| **Application Service Software Version:** |  |
|
| **Recipe WebApp Software Version:** |  |
|
| **Recipe Name and Revision** |  |
|
| **Database Report.pdf File Name** | NA |
|
| **Database Log.csv File Name** | NA |
|
| **Additional Equipment Used:** | NA |
| **Overall Result** | (indicate the test status here and provide issue #s) |
| Pass |  |
| Pass with Known Software Issues | Issue ID(s): |
| Fail | Issue ID(s): |
| End of Overview and Status |  |

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| --- | --- |
| **Prepare to Test (Pre-test setup)** |  |
| **Task Name** | **Task Description** |
| None | None |
| End of Prepare to Test |  |

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| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verification of “Manage Users” button when user is “Operator”** | | | | | | |
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| **Test Case ID:** | TC\_001 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Operator” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed with below mentioned components:  1. Site Admin  2. Flush Refresh  3. Set Date/Time  4. Shutdown Machine  5. Manage Users  6. Service  7. Calibration  8. Manual Mode | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” button should be disabled and user should not be able to click on “Manage User” button | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Site Admin” to create a new user id as user “Operator”** | | | | | | |
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| **Test Case ID:** | TC\_002 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Site Admin” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed with below mentioned components:  1. Create User – Button  2. Reset Password – Button  3. Delete user – Button  4. Selected User Name – Info Box  5. Selected User Group – Info Box  6. User Name and User Group – List Box | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed with below mentioned components:  1. User Name  2. User Full Name  3. New Password  4. Confirm Password | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test  User Full Name: Test  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test  User Full Name: Test  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator” and “Site Admin” are displayed | User “Operator” and “Site Admin” should get displayed | | |  |  |
| 7 | Select user “Operator” from “Available Groups” field and click on  button | User “Operator” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Site Admin” to create a new user id as user “Site Admin”** | | | | | | |
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| **Test Case ID:** | TC\_003 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Site Admin” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test1  User Full Name: Test1  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test1  User Full Name: Test1  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator” and “Site Admin” are displayed | User “Operator” and “Site Admin” should get displayed | | |  |  |
| 7 | Select user “Site Admin” from “Available Groups” field and click on  button | User “Site Admin” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Application Engineering” to create a new user id as user “Operator”** | | | | | | |
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| **Test Case ID:** | TC\_004 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Application Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test2  User Full Name: Test2  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test2  User Full Name: Test2  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin” and “Application Engineering” are displayed | User “Operator”, “Site Admin” and “Applications Engineering” should get displayed | | |  |  |
| 7 | Select user “Operator” from “Available Groups” field and click on  button | User “Operator” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Application Engineering” to create a new user id as user “Site Admin”** | | | | | | |
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| **Test Case ID:** | TC\_005 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Application Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test3  User Full Name: Test3  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test3  User Full Name: Test3  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin” and “Application Engineering” are displayed | User “Operator”, “Site Admin” and “Applications Engineering” should get displayed | | |  |  |
| 7 | Select user “Site Admin” from “Available Groups” field and click on  button | User “Site Admin” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Application Engineering” to create a new user id as user “Applications Engineering”** | | | | | | |
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| **Test Case ID:** | TC\_006 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Application Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test4  User Full Name: Test4  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test4  User Full Name: Test4  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin” and “Application Engineering” are displayed | User “Operator”, “Site Admin” and “Applications Engineering” should get displayed | | |  |  |
| 7 | Select user “Applications Engineering” from “Available Groups” field and click on  button | User “Applications Engineering” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel FSE” to create a new user id as user “Operator”** | | | | | | |
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| **Test Case ID:** | TC\_007 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel FSE” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test5  User Full Name: Test5  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test5  User Full Name: Test5  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin” and “Cantel FSE” are displayed | User “Operator”, “Site Admin” and “Cantel FSE” should get displayed | | |  |  |
| 7 | Select user “Operator” from “Available Groups” field and click on  button | User “Operator” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel FSE” to create a new user id as user site admin** | | | | | | |
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| **Test Case ID:** | TC\_008 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel FSE” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test6  User Full Name: Test6  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test6  User Full Name: Test6  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin” and “Cantel FSE” are displayed | User “Operator”, “Site Admin” and “Cantel FSE” should get displayed | | |  |  |
| 7 | Select user “Site Admin” from “Available Groups” field and click on  button | User “Site Admin” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel FSE” to create a new user id as user “Cantel FSE”** | | | | | | |
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| **Test Case ID:** | TC\_009 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel FSE” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test7  User Full Name: Test7  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test7  User Full Name: Test7  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin” and “Cantel FSE” are displayed | User “Operator”, “Site Admin” and “Cantel FSE” should get displayed | | |  |  |
| 7 | Select user “Cantel FSE” from “Available Groups” field and click on  button | User “Cantel FSE” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Production” to create a new user id as user “Operator”** | | | | | | |
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| **Test Case ID:** | TC\_010 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Production” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test8  User Full Name: Test8  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test8  User Full Name: Test8  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Operator” from “Available Groups” field and click on  button | User “Operator” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Production” to create a new user id as user “Site Admin”** | | | | | | |
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| **Test Case ID:** | TC\_011 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Production” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test9  User Full Name: Test9  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test9  User Full Name: Test9  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Site Admin” from “Available Groups” field and click on  button | User “Site Admin” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Production” to create a new user id as user “Applications Engineering”** | | | | | | |
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| **Test Case ID:** | TC\_012 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Production” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test10  User Full Name: Test10  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test10  User Full Name: Test10  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Applications Engineering” from “Available Groups” field and click on  button | User “Applications Engineering” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Production” to create a new user id as user “Cantel FSE”** | | | | | | |
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| **Test Case ID:** | TC\_013 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Production” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test11  User Full Name: Test11  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test11  User Full Name: Test11  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Cantel FSE” from “Available Groups” field and click on  button | User “Cantel FSE” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Production” to create a new user id as user “Cantel Production”** | | | | | | |
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| **Test Case ID:** | TC\_014 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Production” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test12  User Full Name: Test12  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test12  User Full Name: Test12  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Cantel Production” from “Available Groups” field and click on  button | User “Cantel Production” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Production” to create a new user id as user “Cantel Engineering”** | | | | | | |
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| **Test Case ID:** | TC\_015 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Production” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test13  User Full Name: Test13  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test13  User Full Name: Test13  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Cantel Engineering” from “Available Groups” field and click on  button | User “Cantel Engineering” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Engineering” to create a new user id as user “Operator”** | | | | | | |
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| **Test Case ID:** | TC\_016 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test14  User Full Name: Test14  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test14  User Full Name: Test14  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Operator” from “Available Groups” field and click on  button | User “Operator” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Engineering” to create a new user id as user “Site Admin”** | | | | | | |
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| **Test Case ID:** | TC\_017 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | **Expected Result** | | | **Actual Result** | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | “Home” screen should get displayed | | |  |  |
| 2 | Click on “Utilities” button | “Utilities” screen should get displayed | | |  |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | “Manage Users” screen should get displayed | | |  |  |
| 4 | Click on “Create User” button in “Manage Users” screen | “Create User” window should get displayed | | |  |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test15  User Full Name: Test15  New Password: Test@123  Confirm Password: Test@123 | User should be able to enter below mentioned details:  User Name: Test15  User Full Name: Test15  New Password: Test@123  Confirm Password: Test@123 | | |  |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed | | |  |  |
| 7 | Select user “Site Admin” from “Available Groups” field and click on  button | User “Site Admin” should get added in “Assigned Groups” field | | |  |  |
| 8 | Click on “OK” button | “Create User” window should get close and user should get added in User Name and User Group List Box | | |  |  |
| End of Test Case | |  | | |  |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Engineering” to create a new user id as user “Applications Engineering”** | | | | | | |
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| **Test Case ID:** | TC\_018 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | | **Expected Result** | **Actual Result** | | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | | “Home” screen should get displayed |  | |  |
| 2 | Click on “Utilities” button | | “Utilities” screen should get displayed |  | |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | | “Manage Users” screen should get displayed |  | |  |
| 4 | Click on “Create User” button in “Manage Users” screen | | “Create User” window should get displayed |  | |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test16  User Full Name: Test16  New Password: Test@123  Confirm Password: Test@123 | | User should be able to enter below mentioned details:  User Name: Test16  User Full Name: Test16  New Password: Test@123  Confirm Password: Test@123 |  | |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed |  | |  |
| 7 | Select user “Applications Engineering” from “Available Groups” field and click on  button | | User “Applications Engineering” should get added in “Assigned Groups” field |  | |  |
| 8 | Click on “OK” button | | “Create User” window should get close and user should get added in User Name and User Group List Box |  | |  |
| End of Test Case | | |  |  | |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Engineering” to create a new user id as user “Cantel FSE”** | | | | | | |
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| **Test Case ID:** | TC\_019 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | | **Expected Result** | **Actual Result** | | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | | “Home” screen should get displayed |  | |  |
| 2 | Click on “Utilities” button | | “Utilities” screen should get displayed |  | |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | | “Manage Users” screen should get displayed |  | |  |
| 4 | Click on “Create User” button in “Manage Users” screen | | “Create User” window should get displayed |  | |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test17  User Full Name: Test17  New Password: Test@123  Confirm Password: Test@123 | | User should be able to enter below mentioned details:  User Name: Test17  User Full Name: Test17  New Password: Test@123  Confirm Password: Test@123 |  | |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed |  | |  |
| 7 | Select user “Cantel FSE” from “Available Groups” field and click on  button | | User “Cantel FSE” should get added in “Assigned Groups” field |  | |  |
| 8 | Click on “OK” button | | “Create User” window should get close and user should get added in User Name and User Group List Box |  | |  |
| End of Test Case | | |  |  | |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Engineering” to create a new user id as user “Cantel Production”** | | | | | | |
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| **Test Case ID:** | TC\_020 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | | **Expected Result** | **Actual Result** | | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | | “Home” screen should get displayed |  | |  |
| 2 | Click on “Utilities” button | | “Utilities” screen should get displayed |  | |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | | “Manage Users” screen should get displayed |  | |  |
| 4 | Click on “Create User” button in “Manage Users” screen | | “Create User” window should get displayed |  | |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test18  User Full Name: Test18  New Password: Test@123  Confirm Password: Test@123 | | User should be able to enter below mentioned details:  User Name: Test18  User Full Name: Test18  New Password: Test@123  Confirm Password: Test@123 |  | |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed |  | |  |
| 7 | Select user “Cantel Production” from “Available Groups” field and click on  button | | User “Cantel Production” should get added in “Assigned Groups” field |  | |  |
| 8 | Click on “OK” button | | “Create User” window should get close and user should get added in User Name and User Group List Box |  | |  |
| End of Test Case | | |  |  | |  |
| **Test Case Description (Technical overview of the Test Case):** | | | | | | |
| **Verify whether software allows user “Cantel Engineering” to create a new user id as user “Cantel Engineering”** | | | | | | |
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| **Test Case ID:** | TC\_021 | | | | | |
| **SRS ID(s):** | RVX2-SUBR-105 | | | | | |
| **Reference Docs:** | 1. ARC-00001\_02 REVOX 2.0 System Architecture and Functionality.docx  2. ARC-XX Revox 2.0 GUI High Level Design Document\_Rev3\_Pub.vsdx  3. Attachment 1- ARC-00005\_02 Revox 2.0 High Level Use Cases Source File.vsdx | | | | | |
| **Preconditions:** | 1. In HMI, User - “Cantel Engineering” is logged in | | | | | |
| **Test Step #** | **Test Step Instructions** | | **Expected Result** | **Actual Result** | | **Pass / Fail (if F, list Issue #)** |
| 1 | Check whether “Home” screen is displayed | | “Home” screen should get displayed |  | |  |
| 2 | Click on “Utilities” button | | “Utilities” screen should get displayed |  | |  |
| 3 | Click on “Manage Users” button from “Utilities” screen components | | “Manage Users” screen should get displayed |  | |  |
| 4 | Click on “Create User” button in “Manage Users” screen | | “Create User” window should get displayed |  | |  |
| 5 | In “Create User” window enter below mentioned details  User Name: Test19  User Full Name: Test19  New Password: Test@123  Confirm Password: Test@123 | | User should be able to enter below mentioned details:  User Name: Test19  User Full Name: Test19  New Password: Test@123  Confirm Password: Test@123 |  | |  |
| 6 | In “Available Groups” field, check whether user “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” are displayed | | User “Operator”, “Site Admin”, “Application Engineering", “Cantel FSE”, “Cantel Production” and “Cantel Engineering” should get displayed |  | |  |
| 7 | Select user “Cantel Engineering” from “Available Groups” field and click on  button | | User “Cantel Engineering” should get added in “Assigned Groups” field |  | |  |
| 8 | Click on “OK” button | | “Create User” window should get close and user should get added in User Name and User Group List Box |  | |  |
| End of Test Case | | |  |  | |  |

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| --- | --- |
| **Test Clean Up** | |
| **Task Name** | **Task Description** |
| None | None |
| End of Clean Up and End of Test |  |

1. **Qualification Plan**

A dry run will be performed and test errors, if any, will be corrected

1. **Limitations**

NA