



i2o 2022-11-21 Validation Tests Execution Summary Report for Version 4.0.1 (#59b9d6ca) on PROD-

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Introduction

This document is a summary report presenting the outcomes of performing a test run for ins2outs version 4.0.1 (#59b9d6ca) on PROD-PRODUCTION. The goal of this document is to present the objective evidence from the tests execution process.

This test execution summary report reflects the activities planned in [i2o 2022-11-17 Validation Test Plan for Version 4.0.1 \(#59b9d6ca\) on PROD-PRODUCTION](#).

The test plan was prepared for the following milestone which triggered its execution.

Milestone/Trigger*	Version GoLive
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Table. Test plan execution trigger.

There were the following goals for performing verification and validation activities:

- Validate the correctness of version 4.0.1 (#59b9d6ca) on representative production environment PROD-PRODUCTION.

This document is intended for these Product Life Cycle (PLC) stakeholders who are interested in the outcomes of tests execution. The document is prepared and released by persons in the Quality Assurance role and the manager in charge of this phase of verification and validation activities.

Intellectual Rights and Confidentiality

The content of this document constitutes the intellectual property of Star Poland Sp. z o.o. and as such is subject to legal protection.

Document Modifications

This document is a record, in the meaning of ISO standards, thus it represents the objective evidence from planning V&V activities. As such, the document once finalized in Published status, cannot be modified. It should be stored then in the PLC Documentation Management System (DMS) specific to the current phase of the product life cycle.

Any value which is obligatory in a table within this document is marked with the '*' character.

Document Identification

The content of this document was prepared in the following context.

i2o 2022-11-21 Validation Tests Execution Summary Report for Version 4.0.1 (#59b9d6ca) on PROD-PRODUCTION

Version: 2.0

Status: Published

Product Name*	ins2outs
Issuing Organization*	Star Poland Sp. z o.o.
Product Identification String*	ins2outs 4.0.1 (#59b9d6ca)

Table. Document - product identification information.

Referenced Documents

There are the following documents referenced within the body of this document.

No	Document*	Comment*
1.	MSG Test Strategy	Provides a high-level plan about how verification and validation should be carried out within a design and development project.
2.	i2o 2022-11-17 Validation Test Plan for Version 4.0.1 (#59b9d6ca) on PROD-PRODUCTION	A plan describing tests execution activities (test run) for a specific product or test item.

Table. Referenced Documents.

Responsibility

The below table presents the responsibility model using the RACI model for the preparation of this document.

RACI model role	Role*	Name, Surname*
Responsible* people responsible for document preparation	1. PLC Quality Assurance 2. PLC Product Manager	1. Anonymized 2. Anonymized
Accountable* the person who has ownership of the quality and the result of the prepared document	1. PLC Quality Assurance	1. Anonymized
Consulted the people who are consulted and whose opinions are sought in document preparation	1. N/A	1. N/A
Informed the people who are kept up to date on document updates	1. PLC Product Manager	1. Anonymized

Table. Document RACI model.

Approval

This document requires approval in writing as specified in the PLC Control of Product Life Cycle Documents Procedure. Please, follow that procedure to approve the document with Acceptance tasks on the ins2outs platform.

1 Test Execution Summary Results

The table below presents the decision about the quality of the tested item after executing this test run. There are the following meanings of the Final Decision options:

- **Approved** - tested item passed all criteria
- **Approved Under Concession** - some of the tests failed, but the version was released under concession by [PLC Product Manager](#)
- **Rejected** - tested item failed to meet acceptance criteria for that product version
- **Skipped** – this part of the test execution was not performed. Its justification shall be provided in 1.1 Final Decision Justification

Required*		Value*
Entry criteria*		Approved
Completion criteria*		Approved
Acceptance criteria*		Approved
Product Identification String*	ins2outs 4.0.1 (#59b9d6ca)	
Final Decision*		Approved

Table. Test Plan Execution Results.

For details on entry, completion, and acceptance criteria please refer to Appendix 1: Test Level Criteria.

1.1 Final Decision Justification

The test run fulfilled entry, completion and acceptance criteria. All planned test levels for this test run were completed with all criteria approved as well.

The test levels listed below are representative for this version from test runs: [MSG ins2outs 4.0.0 \(#f277da4d\)](#), [MSG ins2outs 4.0.1 \(#59b9d6ca\)](#) and [i2o 4.0.1 \(#59b9d6ca\)](#) and passed all criteria:

- [MSG Smoke Test Level](#),
- [MSG Smoke Test Level Automated](#),
- [MSG Portal Unit Test Level](#),
- [MSG Database Unit Test Level](#),
- [MSG Export Service Unit Test Level](#),
- [MSG Admin Console Unit Test Level](#),
- [MSG Integration Test Level](#),
- [MSG Software System Test Level](#),
- [MSG Software User Acceptance Test Level](#),
- [MSG Information Security Test Level](#),
- [PINTO-APP Unit Test Level](#),
- [MSG Problem Reports Test Level](#).

Having taken into consideration all the above information the validated version was approved on PROD-PRODUCTION environment.

1.2 Approach to Issues Found

Any issues found shall follow the approach specified in Test Strategy. Its shortened version is described below:

1. Any issue found in **P0-Blocker** status shall result in Rejecting the tested version.
2. Any issue found in the **P1-Stop-ship**, **P2-Must-fix** version requires PLC Product Manager permission for the release under concession.
3. Any issue found in **P3-Plan-to-fix** status does not require any other action except processing it as required in this plan and relevant processes.
4. If the issue already existed in the previous version of the service, it shall not result in rejecting the product version.

1.3 Test Execution Metrics

The table below presents the test execution metric for this test level.

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Executed Test Cases*	20
Total number of all executed test cases	
Percent of Execution*	100 %
The ratio between the total number of all executed test cases vs. planned to execute in a test plan	
Percent of Test Levels Execution*	100 %
The ratio between the total number of executed and completed test levels vs. planned to execute in a test plan	
Issues Found*	Total: 0
Number of issues found and reported during test execution	P0-Blocker: 0
	P1-Stop-ship: 0
	P2-Must-fix: 0
	P3-Plan-to-fix: 0
Execution Duration*	2 h
Total tests execution duration in hours	

Table. Test execution metrics.

2 Test Execution Information

The table below presents the information about tests execution.

Test Run Start Date [YYYY-MM-DD]*	2022-11-21
Test Run End Date [YYYY-MM-DD]*	2022-11-21
Quality Engineers*	1. Anonymized

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Version: 2.0

Status: Published

Test Environment*	1. PROD-PRODUCTION
Tested Items*	1. ins2outs 4.0.1 (#59b9d6ca)

Table. Tests execution details.

2.1 Test Environment

There were the following arrangements with respect to the test environment.

Environment Name*	1. PROD-PRODUCTION
Environment Requirements*	1. PROD-PRODUCTION environment was installed using scripts which are included in the SDLC Binary Package that was downloaded from DML.
Environment Qualification*	1. PROD-PRODUCTION was qualified by executing Smoke Tests Level. The result of this test run must be Approval of this test level.

Table. Test environment information.

2.2 Tested Items

There will be the following test items used in addition to the main product in the test plan execution.

No	Test Item*	Serial Number*	Comment*	Hardware Version*	Software Version*	Compliant * Yes No N/A
1.	ins2outs application	N/A	The current version of the product installed on the environment that to be updated to	N/A	ins2outs 3.2.2 (#44ae9ca8)	N/A

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			ins2outs 4.0.1 (#59b9d6ca)			
2.	ins2outs application	N/A	A tested version delivered in the form of SDLC Binary Package	N/A	ins2outs 4.0.1 (#59b9d6ca)	N/A
3.	Google Chrome	N/A	Web browser used to access the service	N/A	Version 107.0.5304.110 (Official Build) (arm64)	N/A
4.	Laptop - MacBook Pro	Y7C2D446V9	Mac OS Workstation	MacBook Pro (16-inch, 2021)	macOS Monterey 13.0 (22A380)	N/A

Table. List of test items to be used in the test run.

2.3 Executed Test Levels

The table below presents the summary of all test levels executed within the test run in the chronological order of their execution. In the table below, all the test levels are listed even if some of them have not been executed.

The table below presents the summary results from each test level execution and links to executed test levels.

No	Test Report Name*	Optional* Obligatory Optional Skipped	Test Environment*	Number of Planned Test Cases*	Number of Executed Test Cases*	Issues Found*	Execution Duration* [h]	Final Decision* Approved Approved Under Concession Rejected
1.	i2o 2022-11-21 Smoke Test Level Execution Report for Version 4.0.1 (#59b9d6ca) on PROD-	Obligatory	PROD-PRODUCTION	20	20	0	2 h	Approved

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Table. Test levels execution reports.

The following test levels are considered to be representative for this version from test run [MSG ins2outs 4.0.0 \(#f277da4d\)](#), [MSG ins2outs 4.0.1 \(#59b9d6ca\)](#) and [i2o 4.0.1 \(#59b9d6ca\)](#)

1. [MSG 2022-10-14 Portal Unit Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
2. [MSG 2022-10-14 Database Unit Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
3. [MSG 2022-10-19 Integration Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
4. [MSG 2022-10-19 Software System Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
5. [MSG 2022-10-24 Software User Acceptance Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
6. [MSG 2022-10-24 Information Security Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
7. [MSG 2022-10-24 PINTO-APP Unit Test Level Execution Report for Version 4.0.0 \(#f277da4d\)](#)
8. [MSG 2022-11-07 MSG Smoke Test Level Automated Execution Report for Version 4.0.1 \(#59b9d6ca\)](#)
9. [i2o 2022-11-16 Problem Reports Test Level Execution Report for Version 4.0.1 \(#59b9d6ca\) on PROD-STAGING](#)
10. [i2o 2022-11-16 Export Service Unit Test Level Execution Report for Version 4.0.1 \(#59b9d6ca\) on PROD-STAGING](#)
11. [i2o 2022-11-16 Admin Console Unit Test Level Execution Report for Version 4.0.1 \(#59b9d6ca\) on PROD-STAGING](#)

2.4 Issues Found

There were the following issues found and added to the Issue Tracking System during this test run.

Issue Key*	Summary*	Priority*
N/A	N/A	P0-Blocker, P1-Stop-ship, P2-Must-fix, P3-Plan-to-fix
N/A	N/A	N/A

Table. Issues found.

3 Test Plan Process

This chapter provides additional information about the testing process.

3.1 Assumptions and Constraints

This chapter documents assumptions and constraints for this test run:

- N/A

3.2 Tools

The table below lists the tools used in the execution of the tests.

Tool*	Description*	Qualified* Yes/No
SDLC Issue Tracking System (ITS)	N/A	No
SDLC Tests Management System	N/A	No

Table. Tools used in tests execution.

3.3 Lessons Learned

There were the following lessons learned from this tests execution:

- N/A

3.4 Other

This chapter documents any other findings from the execution of the tests:

- N/A

Appendix 1: Test Plan Criteria

There are the following criteria specified for this test plan execution. The tables shall be filled in and confirmed by signature at the end of the document by a person executing the test plan.

Entry Criteria

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Entry criteria*	Result*
1. The person performing the test execution has required competencies as specified by PLC Quality Assurance role profile	Approved
2. Environment(s) on which the test run should take place has been set up and are ready for the test execution	Approved
3. If required, e.g. for PROD-PRODUCTION environment, the qualification records for the test environments are available prior to test execution	Approved
4. All test cases comprising the test level specification have been reviewed and are ready to be used. Their final version is in Published status.	Approved
5. The version of the product available on the environment when starting the test run is aligned with the version listed in the Test Plan	Approved
6. In case of Version Released or Hotfix Released milestones	N/A
-2fa80ee6-4d94-4a6e-a17a-641429461280_2_2fa80ee6-4d94-4a6e-a17a-641429461280-a. all software requirements specific to the test level specification are covered with adequate test cases	Approved
-2fa80ee6-4d94-4a6e-a17a-641429461280_2_2fa80ee6-4d94-4a6e-a17a-641429461280-b. all progressive tests towards the functionality to be tested have been completed	Approved
-2fa80ee6-4d94-4a6e-a17a-641429461280_2_2fa80ee6-4d94-4a6e-a17a-641429461280-c. all the tools used in the test execution have been qualified	Skipped
-2fa80ee6-4d94-4a6e-a17a-641429461280_2_2fa80ee6-4d94-4a6e-a17a-641429461280-d. Test Plan for this test execution had been in Published status before starting the test run	Approved

Table. Test plan execution entry criteria.

Completion Criteria

Completion Criteria*	Result*
1. 100% of planned test levels in the test plan have been executed	Approved
2. 100% of planned tests cases have been executed	Approved
3. Each test case has a Passed/Failed binary result	Approved
4. For failed test cases, a link to the corresponding Problem Report in Issue Tracking System (ITS) is available	Approved
5. The version of the product available on the environment when finishing the test run is aligned with the version listed in the Test Plan	Approved
6. Any issues found have been documented with the information about: Steps to Reproduce, Current Behavior, Expected Behavior, "Environment" and "Affects Version" information.	Approved
7. PLC Test Level Execution Report is prepared for each test level specified in this test plan. Each report shall be Published status.	Approved

Table. Test plan execution completion criteria.

Acceptance Criteria

Acceptance Criteria*	Result*
1. Test Plan fulfills both entry and completion criteria	Approved
2. All the test levels planned in the linked test plan have been executed – no test level had been skipped. There are tests level execution reports for each test level in Published status.	Approved
3. All the planned test cases for the planned test level specifications have been executed - no test cases had been skipped	Approved
4. There have been no errors or abnormal information sent to system logs during tests execution	Approved
5. PLC Test Execution Summary Report is prepared to document the results of this test plan and it is ready to transit to Published status.	Approved

Table. Test plan execution acceptance criteria.