



Certificate

SAP INTEGRATION CERTIFICATION

SAP SE

hereby confirms that the interface software

for the product RunMyJobs by Redwood

of the company Redwood Technology B.V.

has been Premium Certified as an SAP Endorsed App for integration with SAP Solution via the SAP integration scenario (S/4-BC-XBP).

This certificate confirms the technical compliance of RunMyJobs by Redwood with SAP certification procedures.

SAP Test system: SAP S/4HANA 2023
SAP Tool used: SAP Java Connector 3.1.8

The certification test is documented in report no. 24973 and expires on 09 May 2026.

The certification is listed on the SAP Certified Solutions Directory: www.sap.com/csd

Certified Functions:

- Integrated with SAP Solution – SAP S/4HANA Cloud Private Edition
 - o External Interface for Background Processing, Job Scheduling System
- Meets Cloud Quality Requirements
- Meets Cloud Delivery Requirements
- Passed Security Code Scan Assessment (Conditionally approved*)
- Integration test for the proposed functional use cases

Linda Mory
SAP, 09 May 2025



SAP certification focuses on technical integration with SAP solutions. Partner is responsible for the product itself, its error-free operation, and adherence to applicable laws.



SAP Endorsed App Premium Certification: Test Report

S/4-BC-XBP

Interface Certification: 24973

SAP Interface incl. Release	S/4-BC-XBP External Interface for Background Processing, Job Scheduling System
SAP Product used for test	SAP S/4HANA Cloud Private Edition Version used during testing: SAP S/4HANA 2023

Name of Partner	Redwood Technology B.V.
Partner Number	229025
Partner Product Name & Release This is as same as Registered solution name in SAP Solution Hub with “ <i>GTM Ready</i> ” status	RunMyJobs by Redwood Interface Version: RMJ Agent 2025.1.0.2
Application offered as	SaaS
Tool used for integration	SAP Java Connector 3.1.8
Certification Date	09 May 2025
Expiration Date	09 May 2026
Location	SAP – Remote
Partner contacts involved	Gerben Blom
SAP contacts involved	Linda Mory Martin Vierling Parvathy S Prashanth Kalur Michael Neumaier

Certified Functions:

- ☐ Application run on SAP Business Technology Platform (Cloud Foundry Environment)
- ☐ Integration Content Package on SAP Integration Suite
 - Documentation
 - Packaging, Deployment and Runtime
 - Correctness of Structure and Design
- ☒ Integrated with SAP Solution – SAP S/4HANA Cloud Private Edition
 - Interface - External Interface for Background Processing, Job Scheduling System
- ☐ Comply with Responsible AI requirements
 - Meets Business scenario impact assessment requirements
 - Meets SAP AI Ethics Policy assessment requirements
- ☒ Meets Cloud Quality Requirements
- ☒ Meets Cloud Delivery Requirements
- ☒ Passed Security Code Scan Assessment (Conditionally approved*)
- ☒ Integration test for the proposed functional use cases
 - ☒ Works with RISE with SAP
 - ☒ Basic Functions
 - ☒ Variant Functions for XBP 2.0 and XBP 3.0
 - ☒ Application Information Functions
 - ☒ Print Parameters
 - ☒ Job Interception
 - ☒ Parent/Child Functionality
 - ☒ Spool and Archiving Functions
 - ☒ Criteria Manager Functions
 - ☒ Event History Functions

SAP Integration and Certification Center (SAP ICC)



PREMIUM CERTIFICATION SUMMARY REPORT

SAP Endorsed-App Premium Certification requires partner solution to fulfill the criteria listed in the

- Comply with Responsible AI requirements (if the solution has AI functionality)
- the static Security Code Scan Assessment performed by a third-party software vendor
- Cloud Qualities and Cloud Delivery checklist review
- Integration testing procedure

The solution 'RunMyJobs by Redwood' has fulfilled the criteria listed in the

- Security Code Scan Assessment – using Veracode tool
- Cloud Qualities & Cloud Delivery checklist review
- Integration testing

IMPORTANT NOTE: SAP has conditionally accepted the results from the static security code scan, assuming Redwood will provide a roadmap for the issues rated as “Accept the Risk” latest by 16 May 2025 and fixes within 30 days (by 10 June 2025) for the very high severity flaws.

Thus, it is considered that the solution 'RunMyJobs by Redwood' has completed the Premium certification successfully.

Please find the rest of the findings in this document.

1. PRODUCT INFORMATION

Product information	
Product name	RunMyJobs by Redwood
Full name of your application as same as registered solution name in SAP Solution Hub with “ <u>GTM Ready</u> ” status.	Interface Version: RMJ Agent 2025.1.0.2
Product web page	https://www.redwood.com
Application offered as	Software as a service
Integrated with SAP solution	SAP S/4HANA Cloud Private Edition Version used during testing – SAP S/4HANA 2023

2. PARTNER PRODUCT OVERVIEW

RESPONSIBLE AI REQUIREMENT

It is must to adhere to responsible AI requirements if AI features are delivered part of your application

There is no AI feature delivered as part of the application.

Not applicable.

APPLICATION – GENERAL DESCRIPTION

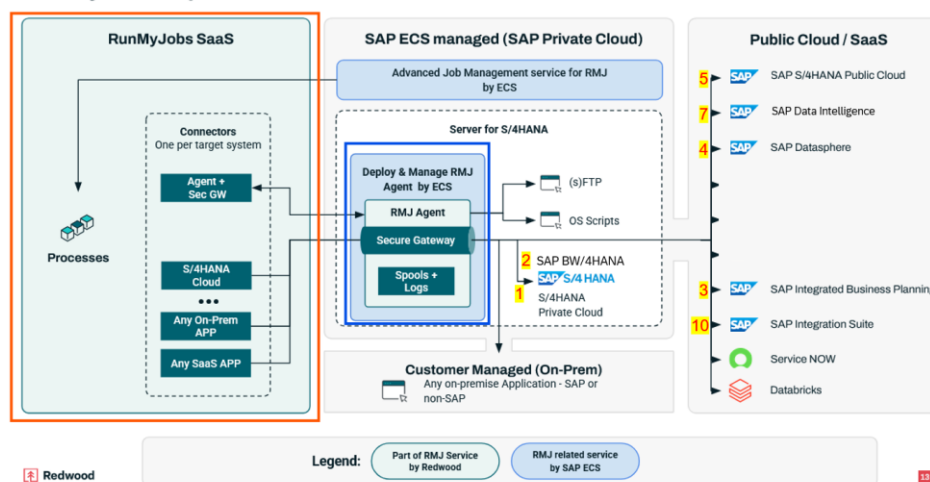
Supported Functions and Benefits – General Description

Overview of the purpose and functionality of the partner application	RunMyJobs is the automation and job scheduling solution delivered as-a-service to improve the agility of IT operations. Our simple usage-based charges eliminate needless licensing and infrastructure costs - meaning no unexpected pricing surprises. It doesn't matter how many different platforms you use to keep your day-to-day operations running - we have connectors for all of them and they're all included in our fixed platform fee. We provide unrivalled support and have already run more than 100 million automation tasks for our customers across all industries.
Technical approach	RunMyJobs - integrates with SAP S/4HANA 2023 via the XBP interface of an job scheduler.

3. ARCHITECTURE

RunMyJobs Technical SaaS Architecture

RunMyJobs is part of RISE reference architecture: minimizes risk and tech debt

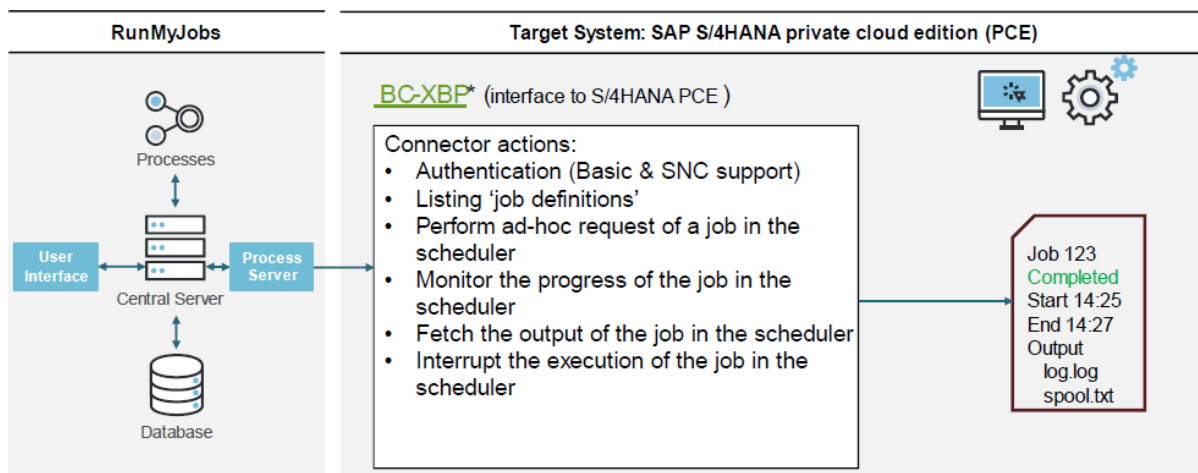


* NOTE: in this above architecture, EA/PC scope is only interface 1 – BC-XBP

SAP Integration and Certification Center (SAP ICC)



1 Redwood -> SAP S/4HANA XBP connector interaction



*BC-XBP interface, allows external process schedulers access to CCMS BackgroundProcessing components of SAP Systems, for more information : [Understanding the Different XBP Interface Releases | SAP Help Portal](#)

4. APPLICATION CHECKLIST – BC-XBP INTERFACE

The following requirements should be met by external schedulers connected to the SAP system using XMI and XBP functions based on RFC:

- The external job scheduling system must be able to fulfill the steps in the following test catalogue that the results can be reviewed.
- The external job scheduling system must also display the results of the tests in an appropriate way in its user interface.
- The external scheduler must not use other function calls to the SAP system than XMI and XBP functions and the functions for variant management (function group SVAR_RFC). - The test contains only mandatory functions!

For the certification of an external job scheduling system it is required, that all the XBP functions are used in the correct way. This includes the logon using the XMI interface to create a (XMI-) session. External job schedulers should call the XBP functions only from within XMI sessions. Otherwise the XBP functions return an error.

Function	Section in test catalog	Rating	Note
Section 3 - Basic Functions for XBP 2.0			Mandatory in all cases
Creating jobs with ABAP steps	3.1	O.K.	
Starting a job (asap)	3.2	O.K.	
Starting a job (immediately)	3.3	Not tested	Partner uses only BAPI_XBP_JOB_START_ASAP
Monitoring a job (reading the status)	3.4	O.K.	
Canceling a job	3.5	O.K.	
Deleting a job	3.6	O.K.	
Raising an event	3.7	O.K.	
Reading the job log	3.8	O.K.	
Copying a job	3.9	O.K.	
Selecting jobs	3.10	O.K.	
Reading the variants of a report	3.11	O.K.	

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Setting the Audit Level XMI	3.12	O.K.	
BAP_XMI_LOGON and BAP_XMI_LOGOFF	3.13	O.K.	
Section 4 - Print Parameters for XBP 2.0			Mandatory in all cases
Specifying print parameters for a job step	4.1	O.K.	
Section 5 - Parent/child functionality for XBP 2.0			Mandatory in all cases
Starting a parent job	5.1	O.K.	
Retrieving the child jobs of a job	5.2	O.K.	
Reading the status of the child jobs of a job	5.3	O.K.	
Section 6 - Job Interception for XBP 2.0			Mandatory in all cases
Making an intercept entry	6.1	O.K.	
Selecting all intercepted jobs	6.2	O.K.	
Starting an intercepted job 'asap'	6.3	O.K.	
Section 7 - Variants for XBP 2.0			Optional in XBP 3.0 Certification
Changing an existing variant of a report	7.1	O.K.	

Function	Section in test catalog	Rating	Note
Section 8 - Criteria Manager Functions For XBP 3.0			Mandatory for XBP 3.0 Certification
Defining Criteria for the Event History	8.1	O.K.	
Defining Criteria for Job Interception	8.2	O.K.	
Section 9 - Event History Functions for XBP 3.0			Mandatory for XBP 3.0 Certification
SAP Event-Driven Scheduling with Control in an External Scheduler	9.1	O.K.	
Section 10 - Application Information Functions for XBP 3.0			Mandatory for XBP 3.0 Certification
Reading Application Log Content and Application Return Code	10.1	O.K.	
Section 11 - Spool and Archiving Functions for XBP 3.0			Mandatory for XBP 3.0 Certification
Reading the Content of a Spool Request Specified by Number	11.1	O.K.	
Passing an E-Mail Address as Recipient for the Spool List of a Job	11.2	O.K.	
Section 12 - Variant Functions for XBP 3.0			Mandatory for XBP 3.0 Certification
Reading the Selection Screen of a Program and Creating a Variant	12.1	O.K.	
Changing the Variant of a Program	12.2	O.K.	
Reading the Selection Screen of a Program and Creating a Job with a Temporary Variant	12.3	O.K.	
Works with Rise with SAP			Mandatory
Affirmed	13.1	O.K.	

5. APPLICATION INTERFACE REGISTER

Application Interface Register (AIR) Key Implementation is mandatory requirement of SAP PartnerEdge (PE) program.

You can get more information about AIR Key from [Application Interface Register Adoption Guide](#)

Application Interface Key (AIR key)	
Partner Solution name	RunMyJobs by Redwood
AIR Key Value used in API calls to SAP Solution	hiut3q6
Implement AIR Key	Not applicable

6. CLOUD QUALITY AND CLOUD DELIVERY REQUIREMENTS

All solutions that qualify for this Certification must fulfill the Cloud Quality and Cloud Delivery Requirements.

Cloud Qualities and Cloud Delivery Check	
Cloud Quality Requirements were met	☒ yes ☐ no ☐ Not Applicable
Cloud Delivery Requirements were met	☒ yes ☐ no ☐ Not Applicable
COMMENTS: Received the checklist filled by partner. Review looks satisfactory.	

7. SECURITY CODE SCAN ASSESSMENT

Binaries for the solution must successfully complete the Security Code Scan Check. A successful execution indicates that all the “Very High” and “High” classified security flaws have been resolved or mitigated by the partner.

Security Code Scan Assessment	
All the “Very High” and “High” classified security flaws have been resolved or mitigated by the partner.	☒ yes ☐ no Comments: Veracode tool used. *Conditionally accepted the results and expect a roadmap for the issues rated as “Accept the Risk” by 16 May 2025 and fixes within 30 days.

Platform Used	Java, Java Script
Compiler Used	Java script, JAVAC_11
Assessment Date	09 May 2025
Partner contact involved	Mahendra Gajera and team
SAP contact involved	Prashanth Kalur and Michael Neumaier

7.1 SCAN REPORT

A detailed scan report from the 3rd party vendor has been sent to the partner. This report specifies all the Very high, high, medium and low priority flaws along with the mitigation-by-design comments.

7.2 BINARIES LIST USED FOR THE SCAN

This assessment has been done only for the below listed binaries provided by partner. SAP cannot guarantee that it's a complete list of binaries which is used for their product to scan.

LIST OF BINARIES SCANNED	
	JS files within admin-war.war
	JS files within scheduler-war.war
	ROOT webapp within ROOT.war
	ROOT webapp within ROOT.war
	admin-war.war
	scheduler-war.war

7.3 OUTCOME OF THE SCAN

Based on the 3rd party scanned report, below is the detailed summary. The scope of the scan includes only for the binaries specified in section 2.

NUMBER OF SCANS DONE: 1 SCAN IN TOTAL.

Flaws \ Priorities	Very High*	High*	Medium*	Low*
No. of flaws encountered in the initial scan	362	00	527	1635
No. of flaws encountered in the latest scan	84	00	527	1635
No. of flaws fixed (via code change)	0	0	0	0
Proposed Mitigated-by-design flaws by partner	362	00	00	00
No. of flaws which are mitigation-by-design (approved by partner based on review comments from 3rd party vendor and SAP)	278	00	00	00
No. of OPEN flaws	84	00	527	1635

*Note: Please refer sub-section 6 to know more about the priorities.

7.4 TOP RISK FLAWS DETECTED IN THE APPLICATION

Based on the 3rd party scanned report, below are the top risk flaws which are detected in the application binaries during the latest scan.

FLAW CATEGORY	SEVERITY	COUNT
CROSS-SITE SCRIPTING	VH	51
DIRECTORY TRAVERSAL	VH	25
ENCAPSULATION	VH	08
CRLF INJECTION	MEDIUM	109
CREDENTIALS MANAGEMENT	MEDIUM	148
CRYPTOGRAPHIC ISSUES	MEDIUM	143
INFORMATION LEAKAGE	MEDIUM	98
INSUFFICIENT INPUT VALIDATION	MEDIUM	29
SERVER CONFIGURATION	MEDIUM	08
SESSION FIXATION	MEDIUM	02
API ABUSE	LOW	03
CODE QUALITY	LOW	176
CRYPTOGRAPHIC ISSUES	LOW	02
INFORMATION LEAKAGE	LOW	1453
TIME AND STATE	LOW	04

7.5 ISSUES FIXED IN THE RE-SCAN

Below is the explanation provided by the partners on what are the issues and how the issues are fixed during the re-scans.

WHAT ARE THE ISSUES AND HOW THE ISSUES ARE FIXED?

364 VH issues found in the first scan. Out of which 278 VH issues are rectified via mitigated comments and has been clearly mentioned in the Veracode detailed document. Partner has thoroughly followed the Mitigated process review with help of Veracode support team. For the deferred issues, SAP Security team has accepted those mitigated comments.

There are still 84 VH issues, where partner has accepted the risk and has agreed on code changes which will be implemented and will do another round of scan asap.

SAP has conditionally accepted the results from the Veracode scan. SAP expects a roadmap for the issues rated as “Accept the Risk” and fixes within 30 days based on prioritization (fixes for lower prior issues could be beyond).

Outcome of the MPR process:

MPR review	Count	Steps taken
Deviated	0	No action required.
Conformed	56	Partner has accepted the comments after reviewed by Veracode.
Deferred to SAP Security	222	SAP Security team has approved the comments for the deferred issues and partner has finally accepted the comments.
Accept the risk	84	Conditionally accepted by SAP security team Next steps: Submit the road map by 16 th May 2025 and fix the issues by 10 th June 2025.

7.6 PRIORITIES CATEGORIZED AFTER THE SCAN

Interpretation of the priorities for the business criticality are defined as follows. The below table constitutes how flaws are categorized.

Very High	The offending line or lines of code is a very serious weakness and is an easy target for an attacker. The code should be modified immediately to avoid potential attacks.
High	The offending line or lines of code have significant weakness, and the code should be modified immediately to avoid potential attacks
Medium	A weakness of average severity. These should be fixed in high assurance software. A fix for this weakness should be considered after fixing the very high and high for medium assurance software
Low	This is a low priority weakness that will have a small impact on the security of the software. Fixing should be consideration for high assurance software. Medium and low assurance software can ignore these flaws.
Very Low	Minor problems that some high assurance software may want to be aware of. These flaws can be safely ignored in medium and low assurance software.
Informational	Issues that have no impact on the security quality of the application but which may be of interest to the reviewer.

7.7 CONCLUSION

This Security Code Scan Assessment confirms the execution of the partner product in accordance with SAP security guidelines. It does not guarantee that the product is risk-free. A successful execution indicates that all the “Very High” and “High” classified security flaws have been resolved or mitigated by the partner.

This Assessment uses static analysis techniques to discover potentially exploitable flaws. Due to the nature of software security testing, the lack of discoverable flaws does not mean the software is 100% secure. Partner is solely responsible for fixing and maintaining the solution. End customers will need to ensure their license agreement with partner addresses any possible concerns.

8. ADDITIONAL COMMENTS

Partner has affirmed that the information provided to SAP in the accompanying Technical Product Profile document is complete and accurate.

This SAP Certification is only valid for the SAP release and partner product release noted in this document; if SAP component or third-party product release changes SAP offers re-certification service.