



Certificate

SAP INTEGRATION CERTIFICATION

SAP SE hereby confirms that **Contentful** of the company **Contentful GmbH** has been certified for integration with SAP Commerce Cloud via the SAP integration scenario **COMMERCE-CLOUD-INT 1.0**.

This certificate confirms the technical compliance of **Contentful** with SAP certification procedures.

The certification test is documented in report no. **22003** and expires on **July 10th, 2024**.

SAP Product used for test: **SAP Commerce Cloud 2211**
Certified Functions:

- Use of SAP Commerce API
- Install the app
- Configure the app by providing a value base site and storefront URL
- Configure Back Office CORS to allow requests with the AIR header
- Configure Back Office CORS to allow requests with the AIR header
- SAP Commerce Test System Information
- Create a Contentful entry and select product(s) that are embedded into the entry
- Veracode Static Code Scan of Optimized Dynamic Pricing
- Documentation
- Meet Quality Cloud Requirements
- Meet Cloud Delivery Requirements
- AIR KEY CHECKED

Forrest Hu
Prashanth Kalur
Daniela Citolin

Toronto, **July 10th, 2024**



THE BEST RUN



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

PREMIUM CERTIFICATION SUMMARY REPORT

In addition to open program integration certification procedures, SAP Endorsed App Premium Certification requires partners to fulfill the criteria listed in the Cloud Qualities and Cloud Delivery checklist, as well as the static Security Code Scan Assessment performed by a third-party software vendor.

The solution **Contentful** has completed the Premium certification successfully without any mitigations to be considered.

Please find the rest of the findings in this document

Interface Certification: Test Report



SAP Commerce Cloud Extension Certification (SAP COMMERCE-CLOUD-INT 1.0)

Interface Certification: 22003

SAP Interface Name incl. Release	COMMERCE-CLOUD-INT 1.0
SAP Commerce Release	SAP Commerce Cloud 2211

Name of Vendor	Contentful GmbH
Vendor Number	1623812
Vendor Product Name & Release	
Language Version Tested	English
Certification Date	July 10th, 2023
Expiration Date	July 10th, 2024
Location	Toronto
Person Present - Vendor	Gavin Matthews
Person Present - SAP	Forrest Hu Prashanth Kalur Daniela Citolin

Security Code Scan Assessment

Name of Vendor	Contentful GmbH
Vendor Number	1623812
Vendor Product Name and Release	Contentful Composable Content Platform
Vendor Interface Software Name	
Release Vendor Interface Software	
Platform Used	Java Script
Compiler Used	JAVASCRIPT_5_1
Assessment Date	June 2, 2023
Location	Remote
Persons present – Vendor	Gavin Matthews
Persons present – SAP	Prashanth Kalur Daniela Citolin

Certified Functions:

Use of SAP Commerce API

Install the app

Configure the app by providing a value base site and storefront URL

Configure Back Office CORS to allow requests with the AIR header

Configure Back Office CORS to allow requests with the AIR header

SAP Commerce Test System Information

Create a Contentful entry and select product(s) that are embedded into the entry

Veracode Static Code Scan of Optimized Dynamic Pricing

Documentation

Meet Quality Cloud Requirements

Meet Cloud Delivery Requirements

AIR KEY CHECKED

PREMIUM CERTIFICATION SUMMARY REPORT

In addition to open program integration certification procedures, SAP Endorsed App Premium Certification requires partners to fulfill the criteria listed in the Cloud Qualities and Cloud Delivery checklist, as well as the static Security Code Scan Assessment performed by a third-party software vendor.

The solution **Contentful Composable Content Platform** has completed the Premium certification successfully without any mitigations to be considered.

Please find the rest of the findings in this document

1. PRODUCT INFORMATION

Product Information	
Product web page:	https://www.contentful.com/marketplace/app/sap-commerce-cloud-connector/
SAP Commerce Cloud release used in Test	SAP Commerce Cloud 2211
Technical support contact information	https://www.contentful.com/support/

2. FUNCTIONAL OVERVIEW

Supported Functions and Business Processes	
General description of the product, the functionality and the purpose of the 3 rd party product.	Contentful Composable Content Platform allows an SAP Commerce Cloud customer to pull products from their Commerce Cloud base site(s) into their Contentful spaces. They can then select and embed product(s) into Contentful entries, which can later be published to drive websites and other content destinations. This allows a customer to merge content and products to drive more product sales and conversions.

3. TECHNICAL OVERVIEW

Architecture	
Overview of the solution and technical integration with SAP.	1. Products are brought into Contentful through the Commerce Cloud Connector via an API call to the base site. Products are queried at time of selection and are not cached/edited in Contentful. 2. A content creator in Contentful creates an entry (page) that combines products and content. They have a field that connects to SAP Commerce Cloud, and loads a "picker" where they can "select" products to embed. Once products are selected, their attributes like Product SKUID and Product URL are stored as JSON. 3. A developer creates a page in the destination (website) blending the structured JSON for content with their frontend. Products are pulled into the website by querying the Product URL, and fetching attributes like the product image and SKU.

4. FUNCTIONAL TEST STEPS

End-to-End Functional Tests Steps Executed during Test-Drive	
1 Install the app - install the app from https://www.contentful.com/marketplace/app/sap-commerce-cloud-connector/	OK
2 Configure the app by providing a value base site and storefront URL	OK
3 Configure Back Office CORS to allow requests with the AIR header	OK
4 Add SAP field to Contentful content type	OK
5 Create a Contentful entry and select product(s) that are embedded into the entry	OK

5. SECURITY CODE SCAN ASSESSMENT

Security Code Assessment	
All “Very High” and “High” classified security flaws have been resolved or mitigated by the partner.	☒ yes ☐ no

5.1. SCAN REPORT

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

5.2. BINARIES LIST USED FOR THE SCAN

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

<u>LIST OF BINARIES</u>
sap-commerce-cloud-with-air

5.3. 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.

Priorities Flaws	Very High*	High*	Medium*	Low*
No. of flaws encountered in the initial scan	00	00	00	00
No. of flaws encountered in the latest scan	00	00	00	00
No. of flaws fixed	05	00	00	00
Proposed Mitigated-by-design flaws by Contentful GmbH	--NA--			
No. of flaws which are mitigation-by-design (approved by Contentful GmbH based on review comments from 3rd party vendor and SAP)	--NA--			
No. of OPEN flaws	00	00	00	00

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

5.4. TOP RISK FLAWS DETECTED IN THE APPLICATION

Based on the 3rd party scanned report, no top risk flaws were detected in the application binaries during the latest scan.

5.5. 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.

5.6. CONCLUSION

This Security Code Scan Assessment confirms the execution of the vendor 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 **Contentful GmbH**.

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. **Contentful GmbH** is solely responsible for fixing and maintaining the **Contentful Composable Content Platform**. End customers will need to ensure their license agreement with **Contentful GmbH** addresses any possible concerns.

CERTIFICATION TEST REPORT (COMMERCE-CLOUD-INT 1.0)

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