**Klarna Payments**

Version 17.4.0



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# Summary

* <CHAPTER NOT TO EXCEED ONE PAGE>
* <WHAT THE COMPONENT DOES, E.G. INTEGRATION WITH A 3RD PARTY PAYMENT GATEWAY>
* <3RD PARTY PRODUCTS AND CONTRACTUAL REQUIREMENTS, E.G. WHAT PRODUCT AND PRODUCT VERSION THE COMPONENT INTEGRATES WITH, IF CUSTOMER IS REQUIRED TO CONTRACT WITH THE 3RD PARTY OR IF THEIR SERVICES ARE RESOLD BY DEMANDWARE, ANY ADDITIONAL COSTS THE CUSTOMER WILL BE CHARGED BY 3RD PARTY>
* <WHAT THE INTEGRATION ENCOMPASSES, E.G. DEPLOYMENT OF A GENERIC CARTRIDGE, MODIFICATION OF STOREFRONT CODE, NEW BUSINESS MANAGER MODULE, CERTIFICATION PROCESS>

# Component Overview

## Functional Overview

<BUSINESS/FUNCTIONAL OVERVIEW OF COMPONENT, INCLUDING FLOW CHARTS, DIAGRAMS WHERE APPLICABLE>

## Use Cases

<USE CASES COVERED BY THE COMPONENT>

## Limitations, Constraints

<WHICH PARTS OF THE 3RD PARTY OFFERING ARE NOT SUPPORTED>

<WHICH DEMANDWARE FEATURES OR CONFIGURATIONS ARE NOT SUPPORTED, E.G. MULTIPLE LOCALES, NON-US SHIPPING ADDRESSES, ORDERS WITH MORE THAN ONE SHIPPING ADDRESS, CATALOG SIZE LARGER THAN 500K>

<IF YOUR INTEGRATION REQUIRES A CUSTOM CATALOG FEED, DESCRIBE ANY LIMITATIONS ON PRODUCT ATTRIBUTES, SUCH AS NON-SUPPORTED HTML ATTRIBUTES, 0.00$ PRICES, ONLY ORDERABLE PRODUCTS EXCLUDING BACKORDER>

## Compatibility

<AVAILABLE SINCE DEMANDWARE X.Y.Z>

<DEMANDWARE VERSION REFERENCED FOR INTEGRATION INTO STOREFRONT (REFERENCE APPLICATION) AND USED IN SCREENSHOTS>

## Privacy, Payment

<INDICATE IF CUSTOMER PROFILE DATA IS BEING ACCESSED, IF CREDIT CARD DATA IS BEING PROCESSED OR STORED WITHIN DEMANDWARE>

# Implementation Guide

To setup and implement Klarna Payments Salesforce Commerce Cloud Cartridge, the below steps must be followed:

## Setup

<LIST CARTRIDGES THAT ARE PART OF THE COMPONENT AND ENTRY POINTS/PARAMETERS (API) IN DETAIL>

<HIGHLIGHT WHAT CARTRIDGES NEED TO BE DEPLOYED TO PRODUCTION, WHAT ARE FOR TESTING, WHAT SHOW CUSTOM CODE EXAMPLES (E.G. FOR STOREFRONT INTEGRATION)>

Klarna Payments integration has three cartridges:

* int\_klarna\_payments which implements the core storefront functionality;
* int\_klarna\_payments\_pipelines which implements the storefront functionality with pipeline based approach;
* int\_klarna\_payments\_controllers which implements the storefront functionality with controllers based approach;

### int\_klarna\_payments

The int\_klarna\_payments cartridge has the following components:

**Cartridge name**

* *int\_klarna\_payments*

**Forms**

**Pipelines**

**Scripts**

**Static**

**Templates**

**Resources**

**Webreferences**

**Metadata**

### int\_klarna\_payments\_pipelines

The *int\_klarna\_payments\_pipelines* cartridge has the following components:

**Cartridge name**

* *int\_klarna\_payments\_pipelines*

**Forms**

**Pipelines**

**Scripts**

**Static**

**Templates**

**Resources**

**Webreferences**

**Metadata**

### int\_klarna\_payments\_controllers

The *int\_klarna\_payments\_controllers* cartridge has the following components:

**Cartridge name**

* *int\_klarna\_payments\_controllers*

**Forms**

**Pipelines**

**Scripts**

**Static**

**Templates**

**Resources**

**Webreferences**

**Metadata**

## Configuration

*<CONFIGURATION STEPS INCLUDING ASSIGNMENT OF CARTRIDGES TO SITE, CUSTOM PREFERENCES, SET UP OF JOB SCHEDULES, CONFIGURATION DIFFERENCES FOR DIFFERENT INSTANCE TYPES, IMPORT OF METADATA>*

## Custom Code

Integration may vary based on the customers' storefront. Site Genesis version 2 is used to demonstrate Klarna Payments integration.

### Templates modifications

To integrate Klarna Payments the following storefront cartridge templates should be updated:

* + - default/checkout/billing/billing.isml
    - default/checkout/billing/paymentmethods.isml

**default/checkout/billing/billing.isml**

Add Code:

<script><isinclude template="/resources/klarnapaymentsresources.isml"/></script>

<script type="text/javascript" src="${URLUtils.staticURL('/js/klarna-payments.js')}"></script>

<script src="https://credit.klarnacdn.net/lib/v1/api.js" async></script>

Before</isdecorate> closing tag as shown below:



Add Code:

<input type="hidden" name="klarna\_payments\_authorization\_token" value=""/>

Before</form> closing tag as shown below:



**default/checkout/billing/paymentmethods.isml**

Add Code:

<iscomment>Klarna Payments Processor</iscomment>

<div class="payment-method <isif condition="${!empty(pdict.selectedPaymentID) && pdict.selectedPaymentID=='PayPal'}">payment-method-expanded</isif>" data-method="Klarna">

<div id="klarna\_payments\_container">

</div>

Before</fieldset> closing tag as shown below:



### Pipeline modifications

To use Klarna Payments cartridge you will need to make the following changes in pipelines.

### COBilling pipeline. Go to COBilling pipeline, Start node and add KLARNA\_PAYMENTS-CreateSession call node entry point before checkout/billing/billing -> Billing interaction continue node (see screen shot below)



<IF STOREFRONT APPLICATION NEEDS TO BE MODIFIED, EXPLAIN STEPS RELATIVE TO REFERENCE APPLICATION>

<IF ADDITIONAL CUSTOM CODE NEEDS TO BE WRITTEN, EXPLAIN IN DETAIL AND PROVIDE EXAMPLE.>

*<ESTIMATED INTEGRATION EFFORTS>*

*Checkout/billing*

## External Interfaces

<INTERFACES TO EXTERNAL SERVICES, E.G HTTP CLIENT, WEBSERVICE CALLS, DESCRIPTION OF REQUESTS AND RESPONSES>

## Testing

*<SAMPLE DATA, TEST ACCOUNT, TEST CASES, REFERENCE TO CERTIFICATION REQUIREMENTS>*

# Operations, Maintenance

## Data Storage

*<DESCRIBE ANY DATA THAT WILL BE STORED WITHIN DEMANDWARE, E.G. CUSTOM OBJECTS, INCLUDING DURATION AND CLEANUP JOBS IF APPLICABLE>*

<IS THERE A SEPARATE DATA STORAGE OUTSIDE OF DEMANDWARE, SPECIFY LOCATION AND DURATION IF APPLICABLE>

## Availability

<EXPECTED AVAILABILITY /UPTIME OF ANY EXTERNAL SERVICE, INTERFACES>

<FALLBACK SOLUTION, BEHAVIOR IF EXTERNAL SERVICES ARE NOT AVAILABLE, IMPACT ON CUSTOMER STOREFRONT>

<ANY EXISTING UTILITIES THAT HELP TO DETECT AVAILABILITY/UPTIME OF EXTERNAL SERVICE, E.G. WEBSERVICE CALL, GOMEZ PING>

<ESTIMATED PERFORMANCE METRICS FOR PEAK BUSINESS HOURS IF AVAILABLE>

<NOTIFICATION PROCESS IF EXTERNAL SERVICES, INTERFACES ARE NOT RESPONDING, E.G. HOTLINE /SUPPORT PHONE NUMBER>

## Support

<CONTACT PERSON IN CASE DEFECT FIXES OR IMPROVEMENTS FOR COMPONENT ARE REQUIRED>

# User Guide

## Roles, Responsibilities

*<LIST RECURRING TASKS THAT NEED TO BE FULFILLED BY CUSTOMER, MERCHANT TO RUN THE INTEGRATION, E.G. MANUAL FEED OF CATALOG DATA INTO 3RD PARTY SERVICE, IF APPLICABLE>*

## Business Manager

<UI SCREENSHOTS AND DESCRIBTION OF FUNCTIONALITY>

<DESCRIBE NEW BUSINESS MANAGER MODULES AND CONFIGURATION OPTIONS IF APPLICABLE>

## Storefront Functionality

*<DESCRIBE NEW STOREFRONT FUNCTIONALITY>*

# Known Issues

*<LIST KNOWN ISSUES AND WORKAROUNDS>*

# Release History

<RELEASE HISTORY OF THE COMPONENT; THIS DOCUMENT IS PART OF THE COMPONENT AND DOES NOT HAVE ITS OWN RELEASE/VERSION NUMBER.>

*<PLEASE USE THE FOLLOWING NAMING SCHEMA: CHANGES TO THE 1ST DIGIT CONTAIN INCOMPATIBILITIES, CHANGES TO THE 2ND DIGIT PROVIDE NEW MINOR FEATURES WITHOUT CAUSING INCOMPATIBILITY, A CHANGE TO THE 3RD DIGIT PROVIDES BUG FIXES WITHOUT INTRODUCING NEW FEATURES>*

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 1.0.0 | <DATE> | Initial release |