TOSHI INTEGRATION

*21.1.0*



Table of Contents

[1. Summary 3](#__RefHeading___Toc907_1621837192)

[1. Component Overview 4](#__RefHeading___Toc909_1621837192)

[1.1. Functional Overview 4](#__RefHeading___Toc911_1621837192)

[1.2. Use Cases 4](#__RefHeading___Toc913_1621837192)

[1.3. Limitations, Constraints 4](#__RefHeading___Toc915_1621837192)

[1.4. Compatibility 4](#__RefHeading___Toc917_1621837192)

[1.5. Privacy, Payment 4](#__RefHeading___Toc919_1621837192)

[2. Implementation Guide 5](#__RefHeading___Toc921_1621837192)

[2.1. Before you start 5](#__RefHeading___Toc923_1621837192)

[2.1.1. Prerequisites 5](#__RefHeading___Toc925_1621837192)

[2.2. Install the Salesforce cartridge 6](#__RefHeading___Toc927_1621837192)

[2.2.1. Add the cartridge in the Salesforce Commerce Cloud Studio 6](#__RefHeading___Toc929_1621837192)

[2.3. Setup of Business Manager 7](#__RefHeading___Toc931_1621837192)

[2.3.1. Activate the cartridge in Business Manager 7](#__RefHeading___Toc933_1621837192)

[Setup cartridge path for SiteGenesis 7](#__RefHeading___Toc935_1621837192)

[Setup cartridge path for SFRA 7](#__RefHeading___Toc937_1621837192)

[2.3.2. Importing metadata with a single site import 7](#__RefHeading___Toc939_1621837192)

[2.4. Configuration 8](#__RefHeading___Toc941_1621837192)

[2.4.1. Managing custom site preferences 8](#__RefHeading___Toc943_1621837192)

[2.4.2. Configuration table and screens 9](#__RefHeading___Toc945_1621837192)

[2.4.3. Site Preferences configuration table 9](#__RefHeading___Toc947_1621837192)

[2.4.4. Store configuration 10](#__RefHeading___Toc949_1621837192)

[2.4.5. Shipping Method Configuration 10](#__RefHeading___Toc951_1621837192)

[2.5. Custom Code changes 11](#__RefHeading___Toc953_1621837192)

[2.5.1. Sitegenesis Controllers 11](#__RefHeading___Toc955_1621837192)

[2.5.2. Sitegenesis Scripts 11](#__RefHeading___Toc957_1621837192)

[2.5.3. Sitegenesis Forms 11](#__RefHeading___Toc959_1621837192)

[2.5.4. Sitegenesis Client JS 11](#__RefHeading___Toc961_1621837192)

[2.5.5. Sitegenesis ISML changes 13](#__RefHeading___Toc963_1621837192)

[3. Testing 14](#__RefHeading___Toc965_1621837192)

[4. Release History 15](#__RefHeading___Toc967_1621837192)

# Summary

TOSHI partners with the world’s best brands to bring in-store clienteling to their clients, at home and on-demand

# Component Overview

## Functional Overview

This guide gives you a summary of the overall features and advice on installing the Toshi cartridge. There are the details of the various configurations and a final checklist to make sure that you have properly installed and configured the cartridge.

## Use Cases

The Toshi integration cartridge offers a Toshi delivery method and Try Before you Buy functionality.

## Limitations, Constraints

## Compatibility

*The cartridges are available for Controllers (v105.1.1) SiteGenesis implementations.*

*Compatibility mode: 18.10 onward*

## Privacy, Payment

*This integration requires access to the following customer data elements: Billing Address, Shipping Address, Order Details*

# Implementation Guide

## Before you start

### Prerequisites

You need to have installed and correctly set up your Salesforce store. If you have any problems with your Salesforce set-up, please visit the Salesforce support center.

If you have not already done so, you must contact Toshi for the account details you will need for implementation.

## Install the Salesforce cartridge

### Add the cartridge in the Salesforce Commerce Cloud Studio

## Setup of Business Manager

### Activate the cartridge in Business Manager

To make the Toshi functionality available to the reference architecture, you must add the cartridges to the cartridge path of the sites.

#### Setup cartridge path for SiteGenesis

Do the following:

1. Log in to the Business Manager.
2. Go to *Administration/Sites/Manage Sites*.
3. Click on the site name. The default tab is General. Go to the Settings tab.
4. In the Cartridges text box add:

int\_toshi\_sitegenesis:int\_toshi:app\_storefront\_controllers:app\_storefront\_core

1. Click **Apply**.
2. Repeat steps 3 to 6 for each site that will use Toshi.

#### Setup cartridge path for SFRA

Do the following:

1. Log in to the Business Manager.
2. Go to *Administration/Sites/Manage Sites*.
3. Click on the site name. The default tab is General. Go to the Settings tab.
4. In the Cartridges text box add:

int\_toshi\_sfra:int\_toshi:app\_storefront\_base

1. Click **Apply**.
2. Repeat steps 3 to 6 for each site that will use Toshi.

### Importing metadata with a single site import

All the import files are in the import folder (site\_template) folder

To import all the necessary Toshi settings:

1. Open the site\_template folder from the repository structure open *jobs.xml*.
2. Change the references in SiteGenesis to your site ID (*or you could do it after job is already imported*)
3. Ensure that the folders for sites in the *site\_template/sites* have the appropriate site ID of the sites where the XML is imported.
   1. Change the folder name SiteGenesis to your first site ID
   2. Then copy and rename this folder to the site IDs for other sites you are planning to use Toshi.
4. Zip the *site\_import* folder site\_template folder in the repository structure
5. Log in to Business Manager and go to *Administration/Site Development/Site Import & Export*
6. Click the **Upload** button to upload the zipped *site\_import* folder.
7. Select the uploaded file and click the **Import** button. After a successful import, all the cartridge configurations are available to you, according to your Toshi account data.
8. Verify the order-level attributes in Business Manager. To do this go to *Site/Ordering/Order*. Open any order and go to the Attributes tab. It should similar to the screenshot below:

## Configuration

### Managing custom site preferences

To manage your custom site preferences, do the following:

1. In Business Manager, go to *Site/Merchant Tool/Site Preferences/Custom Preferences*, where you will see many custom site preference groups.
2. Click the preference group with the Toshi.
3. Edit the attributes according to your Toshi Account data.

### Configuration table and screens

This section shows configuration within the cartridge

### Site Preferences configuration table

To access these preferences, go to *Site/Merchant Tool/Site Preferences/Custom Preferences/Toshi*

|  |  |  |
| --- | --- | --- |
| Site Preference () | Description | Sample values |
| Enable Toshi | The flag manages Toshi integration. If set to True, Toshi will be enabled for the site | True |
| Toshi Api Key Configuration | |  |  | | --- | --- | | JSON holding the config for the api key per country/city |  | | {  "gb" : {  "client" : "0e8ddc700a014d74a9cc968b1ee2b9ad",  "server" : "88a37d6059a240029f8c41c75dde868d"  },  "us" : {  "client" : "5fc8074bd4ca4bab90767ccddde8ce09",  "server" : "d5585ef51cf74a7ca21679987a01fa7e" }  } |
| Disable other shipping methods when toshi is present |  | No |
| Toshi Notification emails | Comma separated list of emails to send error in case of webservice error |  |
| Basket timeout | Number of minutes customer will be redirected back to shipping page | 30 |
| Minimal Amount for Toshi method | |  |  | | --- | --- | | JSON string containing currency and amount for  example { "USD" : xy.00 } |  | | {  "USD" : 2,  "GBP" : 2  } |
| Toshi No Size Value | |  |  | | --- | --- | | Value which to be sent to Toshi in case no size variants |  | | |  |  | | --- | --- | | N/A |  | |
| Toshi Modal URL | |  |  | | --- | --- | | Modal API url passed in the javascript contructor |  | | https://staging.toshi.co |

### Store configuration

You can configure which store will be used for Toshi. In order to do that – You need to go the BM -> Site -> Merchant Tools -> Online Marketing -> Stores and update the Toshi Store option to yes for the selected shop. (Note that you should have one shop per country for Toshi).

### Shipping Method Configuration

Create new shipping method and set its Toshi flag to either checkout or Try Before you buy (Please note that with the configuration of the customer groups you need to ensure that only one Toshi delivery method is present – either checkout or Try Before You buy)

## Custom Code changes

### Sitegenesis Controllers

COSummary.js

In the function showConfirmation add at the top

var Transaction = require('dw/system/Transaction');

var toshiClient = require('\*/cartridge/scripts/toshi/toshiClient');

if (order.custom.sendToToshi && order.custom.sendToToshi.value === 1){

var orderSentResult = toshiClient.sendOrder(order);

if (orderSentResult){

Transaction.wrap(function(){

order.custom.sendToToshi = 2;

});

}

}

### Sitegenesis Scripts

app\_storefront\_controllers/cartridge/scripts/app.js

change function getController

return require('~/cartridge/controllers/' + controllerName);

to

return require('\*/cartridge/controllers/' + controllerName);

### Sitegenesis Forms

**Singleshipping.xml**  **Modify**

Add following group in shippingAddress group

!-- email field is contained in separate form group to enable binding to customer profile -->

<group formid="email">

<field formid="emailAddress" label="billing.email" type="string" mandatory="true" regexp="^[\w.%+-]+@[\w.-]+\.[\w]{2,6}$" binding="email" max-length="50" missing-error="address.email.invalid" range-error="address.email.invalid" parse-error="address.email.invalid" value-error="address.email.invalid"/>

</group>

### Sitegenesis Client JS

**app\_storefront\_core/cartridge/js/pages/checkout/shipping.js**: **Modify**

Under var shippingMethods; add var toshiTimeSelected = false;

In updateShippingMethods function callback add

initToshi();

and after it add function

function initToshi(){

var $form = $('.address');

var toshiMethods = $("#shipping-method-list").find(`[data-istoshi='true']`);

if (toshiMethods.length > 0 ){

var method = $(toshiMethods[0]);

var key = method.data('toshikey');

var mode = method.data('toshi-type');

const modal = window.toshi.createBookingIntegration({

api: {

url: toshiClient.toshiModalUrl,

key: key

},

ui: {

mode: mode

}

});

// This is fired by the ecommerce integration when the customer attempts to

// proceed without selecting a timeslot.

window.showErrorMessage = () => {

modal.setInlineErrorMessage(

toshiClient.errorMsg

);

};

window.hideErrorMessage = () => {

modal.setInlineErrorMessage(undefined);

};

modal.setFirstName($form.find('input[name$="\_firstName"]').val());

modal.setLastName($form.find('input[name$="\_lastName"]').val());

modal.setPhone($form.find('input[name$="\_phone"]').val());

$form.find('input[name$="\_phone"]').change(function(e){

modal.setPhone($form.find('input[name$="\_phone"]').val());

});

modal.setEmail($form.find('input[name$="\_emailAddress"]').val());

modal.setAddress({

addressLine1: $form.find('input[name$="\_address1"]').val(),

addressLine2: $form.find('input[name$="\_address2"]').val(),

town: $form.find('input[name$="\_city"]').val(),

province: $form.find('select[id$="\_country"]').val(),

postcode: $form.find('input[name$="\_postal"]').val(),

country: $form.find('select[id$="\_country"]').val()

});

$form.find('input[name$="\_emailAddress"]').on('change', function(){

modal.setEmail($form.find('input[name$="\_emailAddress"]').val());

});

modal.setProducts(window.toshiClient.products);

modal.setBrandCheckoutReference(window.toshiClient.checkoutID);

modal.mount($('.shipping-method-toshi')[0]);

modal.onOrderCreated(function (e){

toshiTimeSelected = true;

method.prop("checked", true);

method.trigger('change');

});

}

}

Before giftMessageBox(), add

$('#dwfrm\_singleshipping\_shippingAddress').on('submit', function(e){

var isToshiMethod = $('#shipping-method-list').find('[name$="\_shippingMethodID"]:checked').data('istoshi');

if (isToshiMethod && !toshiTimeSelected){

e.preventDefault();

showErrorMessage();

} else {

hideErrorMessage();

}

});

And in the end of the file add

window.showErrorMessage = () => {

modal.setInlineErrorMessage(

toshiClient.errorMsg

);

};

window.hideErrorMessage = () => {

modal.setInlineErrorMessage(undefined);

};

### Sitegenesis ISML changes

**cart.isml**

add

<isif condition="${dw.system.Site.getCurrent().getCustomPreferenceValue('toshiEnabled')}">

<isinclude url="${URLUtils.https('Toshi-Cart')}" />

</isif>

Where you want the content asset for the country if configured to be displayed – the id of the content asset needs to be the format of the content asset id needs to be toshi-cart-{country} – where the country is taken from the customer geolocation and is upper case – for example toshi-cart-GB will display content if the customer is coming from GB.

**singleshipping.isml**

Add

<isinputfield formfield="${pdict.CurrentForms.singleshipping.shippingAddress.email.emailAddress}" type="input"/>

After the dynamic address form

**productcontent.isml, producttopcontentPS.isml**

add

<isif condition="${dw.system.Site.getCurrent().getCustomPreferenceValue('toshiEnabled')}">

<isinclude url="${URLUtils.https('Toshi- PDP)}" />

</isif>

Where you want the content asset for the country if configured to be displayed – the id of the content asset needs to be the format of the content asset id needs to be toshi-pdp-{country} – where the country is taken from the customer geolocation and is upper case – for example toshi-pdp-GB will display content if the customer is coming from GB.

# Testing

Once the cartridge is installed and integrated based on instructions, please try to place an order on your sandbox to test the functionality and validate whether Toshi method is presented and you can select it. For the testing purpose – you may need to obtain test addresses from Toshi for which the webservice will return that address is eligible for Toshi.

# Release History

|  |  |  |
| --- | --- | --- |
| **Version** | **Date** | **Changes** |
| 21.1.0 | 2021-04-15 | Initial release |