

# TextMaster

---

*Version 18.1.0*



## Table of Contents

|     |                                |       |
|-----|--------------------------------|-------|
| 1.  | Summary .....                  | 3     |
| 2.  | Component Overview .....       | 4-5   |
| 2.1 | Functional Overview .....      | 4     |
| 2.2 | Use Cases .....                | 4     |
| 2.3 | Limitations, Constraints ..... | 4     |
| 2.4 | Compatibility .....            | 4     |
| 2.5 | Privacy, Payment .....         | 4     |
| 3.  | Implementation Guide .....     | 6-9   |
| 3.1 | Setup & Configuration .....    | 6     |
| 3.3 | Custom Code.....               | 8     |
| 3.4 | External Interfaces .....      | 8     |
| 3.5 | Testing .....                  | 8     |
| 4.  | Operations, Maintenance .....  | 10    |
| 4.1 | Data Storage .....             | 10    |
| 4.2 | Availability .....             | 10    |
| 4.3 | Support .....                  | 10    |
| 5.  | User Guide .....               | 11-13 |
| 5.1 | Roles, Responsibilities .....  | 11    |
| 5.2 | Business Manager .....         | 11    |
| 5.3 | Storefront Functionality ..... | 13    |
| 6.  | Known Issues .....             | 14    |
| 7.  | Release History .....          | 15    |

## 1. Summary

### 1.1 Company Overview

---

TextMaster offers dedicated ecommerce translation services that enable businesses to easily expand their international reach. By combining advanced cloud translation technologies with a network of verified expert translators in over 50 languages, TextMaster is redefining how businesses handle translation. More than 10,000 companies, in 110 countries trust TextMaster to optimize their translation workflow including leading brands like LVMH, Kenzo, The Kooples and Foot Locker.

Our philosophy: building a global translation platform that simplifies workflows while making translators even more productive. Our core technology includes Memento™, the first real-time, cloud-based translation memory that is combined with advanced post-edited machine translation, which can reduce translation costs up to 80%.

**The TextMaster cartridge on Salesforce Commerce Cloud gives you access to TextMaster's verified translator network and technology, all in one place.**

### 1.2 Integration Overview

---

Easily set up with minimal technical support, the TextMaster Cartridge allows you to manage and synchronize your translations within the Salesforce Cloud Commerce admin panel. Once installed, you can instantly connect to your TextMaster account and upload the content you want to translate on the TextMaster translation management platform. Before launching a translation project, you can receive a quote including a translation memory analysis to know the exact cost of your project. Once your translators have completed the jobs, translations are instantly available and ready to be published on your website. You can also get a real-time update on your project status, see the history of completed projects and either approve a translation or ask for revisions.

### 1.3 Feature List

---

- Certified Commerce Cloud Integration
- All content types (product, categories, content assets) and attributes handled
- No license or set up costs: we only charge for translated content
- Batch or manual selection
- Advanced filtering and selection of items
- Automatic change detection
- Quote with live translation memory analysis
- Seamless and automatic translation workflow
- Real-time status tracking
- Assign projects to your team of preferred translators

## 2. Component Overview

### 2.1 Functional Overview

---

This cartridge export data to/from Salesforce Commerce Cloud to/from TextMaster's translation management platform. These two systems primarily sync the following types of data:

- Product
- Category
- Content asset

The cartridge has the following three parts:

- Business Manager extension that provides a custom UI to search, filter and select the data that will be sent for translation
- Jobs that are responsible for exporting/importing the data
- A storefront-based controller that works as an API to trigger these jobs externally by TextMaster.

### 2.2 Use Cases

---

- Translation of all/some of the products assigned to a catalog
- Translation of all/some of the content assigned to a site
- Translation of all/some of the categories assigned to a catalog

### 2.3 Limitations, Constraints

---

The new translation UI, provided as part of the Business Manager extension, can be resource extensive if all products are searched.

### 2.4 Compatibility

---

This cartridge is based on JS controllers, new job framework and is based on SiteGenesis 17.4 version

### 2.5 Privacy, Payment

---

This cartridge does not access any credit card information. It imports/exports catalog, category and content asset data.

### 3. Implementation Guide

#### 3.1 Setup & Configuration

---

1. Add and upload cartridge 'bm\_textmaster' along with other cartridges in the sandbox
2. Go to Demandware> Administration > Manage Sites > (Each site) > Settings > Cartridges input field add cartridge name 'bm\_textmaster'
3. Repeat step 2 for each site including the Business Manager site
4. Create Jobs with the following steps:

A. Go to Demandware>Administration > Operations> Import & Export, under the 'Import & Export Files' section, click the 'Upload' button and upload 'Jobs.xml' file which can be found inside cartridge > metadata folder.

B. Go to Demandware>Administration > Operations> Import & Export, Under the 'Job Schedules' section click the 'Import' button and import the uploaded 'Jobs.xml' file.

C. It will import all the jobs. All jobs need to be replicated for all the sites.

For example, the job "TMAaskForQuoteSiteGenesis" is replicated so that the new job will have an ID with the format "AskForQuote<siteID>". If the site ID is XYZ, the new job will be "TMAaskForQuoteXYZ" for its ID. Under the "Step Configurator" for the job, the scope must be the site ID "XYZ".

The same logic must be applied for all other jobs for the site.

5. Create Site Preference as follows

A. Go to Demandware>Administration > Site Development > Import & Export

B. Under the 'Import & Export Files' section, click the 'Upload' button and upload the 'SystemObjects.xml' file which can be found inside the cartridge > metadata folder.

C. Go to Demandware>Administration > Site Development > Import & Export, under the 'Meta Data' section, click the 'Import' button, and import the uploaded 'SystemObjects.xml'

D. For each site, set the values for your site preferences. We have User Interface, under menu TextMaster> API Setup, to set these values except the value for "Demandware Languages". The value for "Demandware Languages" must be manually set under site preferences. This value is a json string for keeping all the languages available in Demandware for the site and json structure must be as per the default value. The cartridge name of SiteGenesis storefront controllers has to be entered in relevant Site Preference to get access to default controller files from bm\_textmaster cartridge.

E. In Site Preference keep Client ID and Password for OCAPI (account.demandware.com)

6. Create custom objects as follows

A. Go to Demandware>Administration > Site Development > Import & Export

B. Under the 'Import & Export Files' section, click the 'Upload' button and upload 'CustomObjects.xml' file which can be found inside the cartridge > metadata folder.

C. Go to Demandware>Administration > Site Development > Import & Export, under the 'Meta Data' section, click the 'Import' button, and import the uploaded 'CustomObjects.xml'

## 7. Master properties file

The cartridge has only one properties file. The “textmaster.properties” file contains all the static values and API endpoints used in the cartridge. The API endpoints point to the TextMaster production environment in this file by default. So whenever anyone wants to use the cartridge in a demo environment, this property file must not be used. Instead, another file (namely demo.properties) needs to be renamed to textmaster.properties to take all demo API endpoints.

## 8. Open Commerce API Settings:

1. Go to Administration > Site Development > Open Commerce API Settings

2. Select type as "Data" in drop down box

3. Select context as "Global (organization-wide)" in drop down box

4. In the settings JSON content, ensure that the value for key "client\_id" is as per your client ID in account.demandware.com

5. In the settings JSON content, inside "resources" array, append following value:

```
{
  "resource_id":"/jobs/*/executions",
  "methods":["post"],
  "read_attributes": "(**)",
  "write_attributes": "(**)"
}
```

6. Keep Client ID and Password for OCAPI in Site Preference

## 9. Create service configuration as follows

A. Go to Demandware>Administration > Operations > Import & Export

B. Under the 'Import & Export Files' section, click the 'Upload' button and upload 'Service.xml' file which can be found inside the cartridge > metadata folder.

C. Go to Demandware>Administration > Operations > Import & Export, under the 'Services' section, click the 'Import' button, and import the uploaded 'Service.xml'

## 10. Enable Cartridge module

Go to Administration > Organization > Roles > Administrator - Business Manager Modules Find TextMaster and click on checkbox to enable it.

### 3.2 Custom Code

No customization required to existing storefront code.

### 3.3 External Interfaces

- No external interfaces are integrated with this cartridge

### 3.4 Testing

- Go to Merchant Tools and check if you see TextMaster and its links as shown below:

[illegible]



- Go to Administration >Operations> Job Schedules and check if the following jobs exist and are enabled:
  1. TMAaskForQuote<siteID>
  2. ImportDataFromTextMaster<siteID>
- Go to Administration > Site Development > Custom Object Types to test that the following custom objects are properly created:
  1. TMImportDataHolder
  2. TextMasterProject
- Go to Administration> Site Development>System Object Types> Category - Attribute Definitions and check whether the attribute of the ID 'TranslatedLanguages' exists. Check the same attribute for Content and Product objects as well.
- Please ensure that custom logs are generated if there are any errors in import or export. They may look like following:

\_\_\_\_\_

## 4. Operations, Maintenance

### 4.1 Data Storage

---

This cartridge will create custom objects and store incoming parameters for the job triggering controllers. Each new request will update the existing custom object instance instead of creating a new one. This is to ensure any misuse of the functionality.

### 4.2 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>*

### 4.3 Support

---

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

## 5. User Guide

### 5.1 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>

### 5.2 Business Manager

This cartridge has a Business Manager extension that will provide the user experience for searching, filtering and selecting the content for translation. This also provides a dashboard to track the status of content sent for translation.

The UI can be reached by selecting the relevant site and then going to Merchant Tools>TextMaster.

#### API Setup:

This custom page can be used to do the API set up required for using this cartridge. Please contact your Account Manager for API details if you don't have them yet.

Store Category also needs to be set on this page.

Master Catalog ID is another mandatory field on this page. Product Import feature needs master catalog ID and there is no Demandware Script API to get it.

[Merchant Tools > TextMaster > Register](#)

#### Register

In order to connect to TextMaster click on below button, TextMaster will be opened in new tab. Sign in and you will find API key and API secret in your account. If you do not have an account yet, sign up to TextMaster. When you complete the sign up process you will get API key and API secret. Come back to this page and set API key and API secret under API Configuration section. A Store Category and Master Catalog ID are also need to be set below.

|                       |  |                                  |
|-----------------------|--|----------------------------------|
| Connect to TextMaster |  | <a href="#">Enter TextMaster</a> |
| API configuration     |  |                                  |
| API Key               | <input type="text" value="ExyHPHVgyjE"/>             |                                  |
| API Secret            | <input type="text" value="Fdx5YTclQok"/>             |                                  |
| Store Category        | <input type="text" value="Fashion/Luxury/Textiles"/> |                                  |
| Master Catalog ID     | <input type="text" value="apparel-catalog"/>         |                                  |
|                       |  | <a href="#">Save</a>             |

#### Attribute Setup:

This is a custom page where users can pre-select the attributes that should apply to translations by default. For example, users can select the product attributes that should always apply to the translation of products.

#### New Translations:

This UI can be reached by clicking on 'Send content for translation to TextMaster'.

- The first part is to select the content type, catalog, language from and language to for searching the content to be translated. There is also an option of selecting various attributes that need to be sent along for translation.

Merchant Tools > TextMaster > Send content for translation to TextMaster  
Send content for translation to TextMaster

Set the Project Scope

Item type:

Catalog:

Category Assignment:

- ☐ All Categories
- ☐ New Arrivals
- ☒ Womens
- ☐ Mens
- ☐ Electronics
- ☐ Gift Certificates
- ☐ Top Sellers
- ☐ Hidden Category

Language from:

Language to:

- ☐ English (United Kingdom)
- ☒ French (France)
- ☐ German (Germany)
- ☐ Greek
- ☐ Italian (Italy)
- ☐ Portuguese (Portugal)
- ☐ Swedish

Select Attributes

|  |   |   |   |  |   |
|--|---|---|---|--|---|
| <input checked="" type="checkbox"/> EAN                | <input checked="" type="checkbox"/> UPC                   | <input checked="" type="checkbox"/> Battery Life        | <input checked="" type="checkbox"/> Battery Type      | <input checked="" type="checkbox"/> Brand              | <input checked="" type="checkbox"/> Color                   |
| <input checked="" type="checkbox"/> Extended Warranty  | <input checked="" type="checkbox"/> Digital Camera Pixels | <input checked="" type="checkbox"/> Digital Camera Type | <input checked="" type="checkbox"/> Extended Warranty | <input checked="" type="checkbox"/> Depth              | <input checked="" type="checkbox"/> Height                  |
| <input checked="" type="checkbox"/> Weight             | <input checked="" type="checkbox"/> Width                 | <input checked="" type="checkbox"/> Display Size        | <input checked="" type="checkbox"/> Game Rating       | <input checked="" type="checkbox"/> Gaming System      | <input checked="" type="checkbox"/> Extended Warranty       |
| <input checked="" type="checkbox"/> Image Aspect Ratio | <input checked="" type="checkbox"/> Length                | <input checked="" type="checkbox"/> Lens Aperture       | <input checked="" type="checkbox"/> Product Details   | <input checked="" type="checkbox"/> Manufacturer       | <input checked="" type="checkbox"/> Manufacturer Product ID |
| <input checked="" type="checkbox"/> Memory Size        | <input checked="" type="checkbox"/> Music Storage         | <input checked="" type="checkbox"/> Name                | <input checked="" type="checkbox"/> Optical Zoom      | <input checked="" type="checkbox"/> Page Description   | <input checked="" type="checkbox"/> Page Keywords           |
| <input checked="" type="checkbox"/> Page Title         | <input checked="" type="checkbox"/> Page URL              | <input checked="" type="checkbox"/> Resolution          | <input checked="" type="checkbox"/> Description       | <input checked="" type="checkbox"/> Size               | <input checked="" type="checkbox"/> Store Receipt Name      |
| <input checked="" type="checkbox"/> In-Store Tax Class | <input checked="" type="checkbox"/> Style Number          | <input checked="" type="checkbox"/> Description         | <input checked="" type="checkbox"/> Details           | <input checked="" type="checkbox"/> Rendering Template | <input checked="" type="checkbox"/> test                    |
| <input checked="" type="checkbox"/> TV Signal Format   | <input checked="" type="checkbox"/> Size                  | <input checked="" type="checkbox"/> Extended Warranty   | <input checked="" type="checkbox"/> Sales Unit        | <input checked="" type="checkbox"/> Video Storage      | <input checked="" type="checkbox"/> Waist                   |

[Add attributes in addition to default attributes](#)

Search

- The second part is to select from the search result. There are also several filtering possibilities to further optimize the translation content.

Select and filter items

Show  entries

|  | Item ID                                  | Item Name                        | Online Status | Searchable | Category   | Available Translation | Last Item Update |
|--|--|----------------------------------|---------------|------------|------------|-----------------------|------------------|
| <input type="text" value="Search ID"/> | <input type="text" value="Search Name"/> |                                  |               |            | 0 selected | 0 selected            | Search Date      |
| <input type="checkbox"/>               | winter-look                              | Winter Look                      | Yes           | Yes        | Outfits    | mn-MN,It-LT           | 2017-04-07       |
| <input type="checkbox"/>               | spring-look                              | Spring Look                      | Yes           | Yes        | Outfits    | mn-MN,It-LT           | 2017-04-07       |
| <input type="checkbox"/>               | fall-look                                | Fall Look                        | Yes           | Yes        | Outfits    | mn-MN,It-LT           | 2017-04-07       |
| <input type="checkbox"/>               | SpringLooks                              | Spring Look                      | Yes           | No         | Outfits    | mn-MN,It-LT           | 2017-04-07       |
| <input type="checkbox"/>               | Spring-look-2                            | Spring Has Sprung                | Yes           | Yes        | Outfits    |                       | 2017-02-15       |
| <input type="checkbox"/>               | 25720370                                 | Navy and White Striped Cardigan  | Yes           | Yes        | Tops       |                       | 2017-02-15       |
| <input type="checkbox"/>               | 25591679                                 | Ruffle Cardigan                  | Yes           | Yes        | Tops       | et-EE                 | 2017-04-07       |
| <input type="checkbox"/>               | 25592509                                 | Pleated Shell                    | Yes           | Yes        | Tops       | et-EE                 | 2017-04-07       |
| <input type="checkbox"/>               | 25720817                                 | Tie Front Cardigan               | Yes           | Yes        | Tops       |                       | 2017-02-15       |
| <input type="checkbox"/>               | 25501133                                 | Long Sleeve Dolman Wrap Cardigan | Yes           | Yes        | Tops       |                       | 2017-02-15       |

Showing 1 to 10 of 624 entries

Previous  2 3 4 5 ... 63 Next

[Select All](#) [Deselect All](#)

[Send to TextMaster](#)

### Translation Dashboard:

This is the dashboard for tracking all the content that has been sent to TextMaster for translation.

| Creation | Progress | Review | Completed |
|----------|----------|--------|-----------|
| 28%      | 0%       | 0%     | 29%       |
| 75       | 0        | 0      | 75        |

  

Show  entries
Search:

| Translation Project   | Created Date | Item ID     | Item Name            | Item Type | Locale | TextMaster Status | Possible Action                    |
|---|--------------|-------------|----------------------|-----------|--------|-------------------|------------------------------------|
| Product - German-Greek Test - 2017-04-11                      | 2017-04-11   | 25697561    | Ruffle Front Blouse. | Product   | Greek  | in_creation       | <a href="#">Launch order in TM</a> |
| Product - EN-US to Mongolian AutoLaunch - 2017-04-072017-4-7  | 2017-04-07   | winter-look | Winter Look          | Product   |        | completed         |                                    |
| Product - EN-US to Mongolian AutoLaunch - 2017-04-072017-4-7  | 2017-04-07   | spring-look | Spring Look          | Product   |        | completed         |                                    |
| Product - EN-US to Mongolian AutoLaunch - 2017-04-072017-4-7  | 2017-04-07   | fall-look   | Fall Look            | Product   |        | completed         |                                    |
| Product - EN-US to Mongolian AutoLaunch - 2017-04-072017-4-7  | 2017-04-07   | SpringLooks | Spring Look          | Product   |        | completed         |                                    |
| Product - EN-US to Lithuanian AutoLaunch - 2017-04-072017-4-7 | 2017-04-07   | winter-look | Winter Look          | Product   |        | completed         |                                    |

### Data import:

Whenever the exported content is ready to be imported at TextMaster side, TextMaster backend will trigger the synchronizing URL and the import feature will be triggered. Merchant does not require to initiate the import feature.

Synchronizing URL looks like as in following format:

`https://{sandbox_domain}/on/demandware.store/Sites-{SiteID}-Site/default/TMImport-Data?projectid={projectID}&documentid={documentID}`

If the storefront is protected with user name and password, in case of development or staging sandbox, merchant has to share the authentication credentials to TextMaster team so they can trigger the synchronizing URL including the login credentials as in following format:

`https://{login_user_name}:{login_password}@{sandbox_domain}/on/demandware.store/Sites-{SiteID}-Site/default/TMImport-Data?projectid={projectID}&documentid={documentID}`

## 5.3 Storefront Functionality

*There is a new storefront controller that triggers backend jobs. There are no customizations required to existing custom solutions. All the details are provided in the above section of External Interfaces.*

## 6. Known Issues

<LIST KNOWN ISSUES AND WORKAROUNDS>

## 7. 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 1<sup>ST</sup> DIGIT CONTAIN INCOMPATIBILITIES, CHANGES TO THE 2<sup>ND</sup> DIGIT PROVIDE NEW MINOR FEATURES WITHOUT CAUSING INCOMPATIBILITY, A CHANGE TO THE 3<sup>RD</sup> DIGIT PROVIDES BUG FIXES WITHOUT INTRODUCING NEW FEATURES>

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