

SFCC FRAUD DETECTION (O-PLUX) SERVICE

CARTRIDGE INSTALLATION MANUAL

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1. Introduction

This document describes how to install and configure the fraud detection services cartridge in a Salesforce Commerce Cloud environment (referred below as SFCC). The cartridge was tested against 6.0.0 of SFRA and compatibility mode 21.7.

2. Components Overview

2.1 Functionalities Overview

This cartridge provides a fraud detection service operated by Cacco Inc.

2.2 Limits and Restrictions

- Target

This cartridge can be used with either Storefront Reference Architecture (SFRA) .

- Language/Country restrictions

The cartridge is developed for Japanese. It might not be working properly if you chose other language (Locale).

3. Integration Guide

3.1 Setup

3.1.1 Cartridge for a Storefront

- int_oplux
- int_oplux_sfra_changes

3.1.2 Cartridge for a Business Manager

- bm_oplux

3.1.3 Metadata for Integration

- system-objecttype-extensions.xml
- services.xml
- jobs.xml
- library.xml

The file for site import has the following structure. Compress the top folder into a zip file for use. In doing so, replace the folder name of [RefArchSharedLibrary] with the ID of the content library.

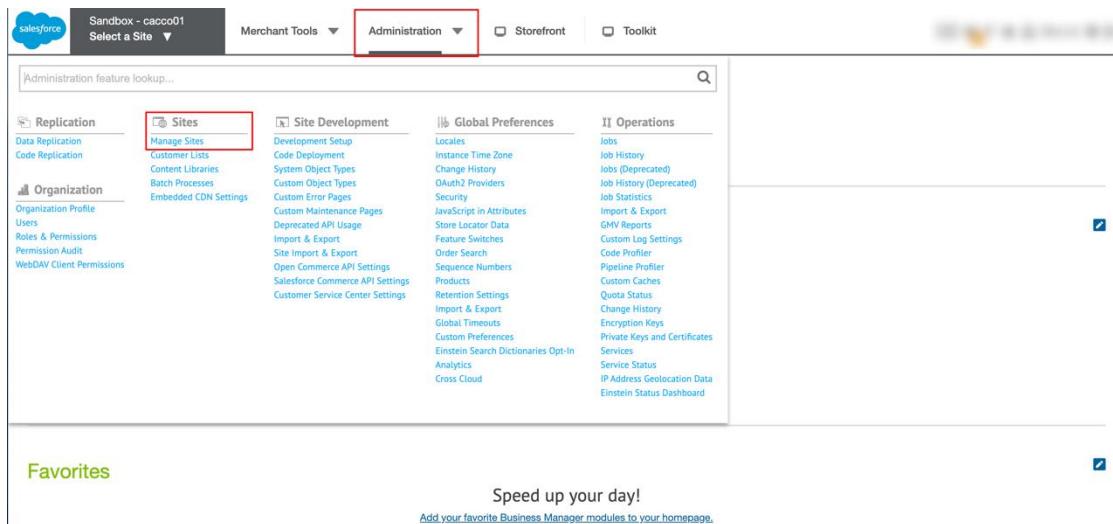
Top folder (site-template)

```
|---libraries
    |---RefArchSharedLibrary
        |---library.xml
|---services.xml
|---jobs.xml
|---meta
    |---system-objecttype-extensions.xml
```

3.2 Components

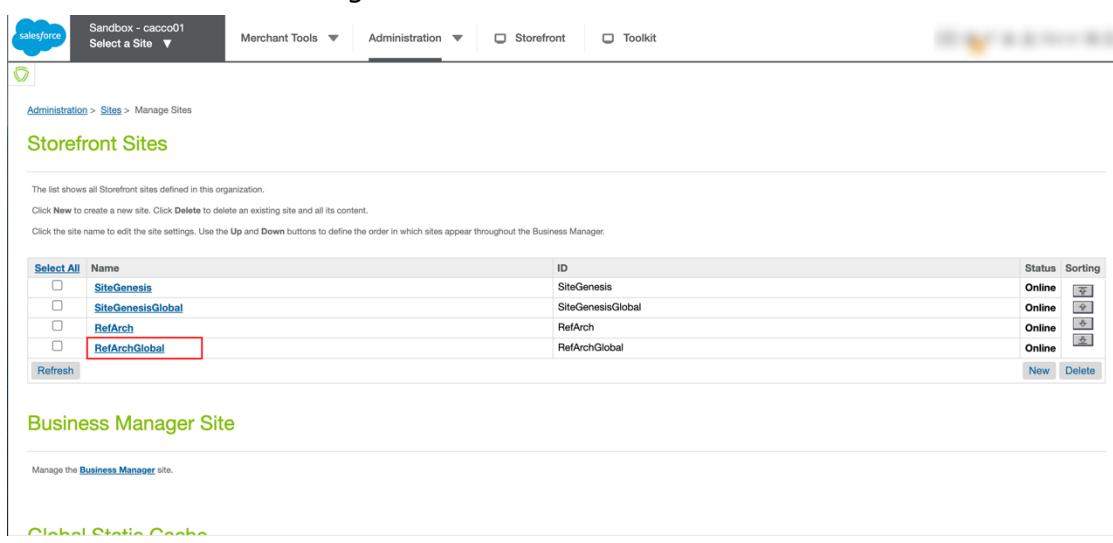
3.2.1 Assigning a Cartridge to the Site

In Business Manager, go to **Administration > Sites > Manage Sites**.



The screenshot shows the Salesforce Business Manager Administration interface. The top navigation bar includes links for Merchant Tools, Administration, Storefront, and Toolkit. A red box highlights the 'Administration' dropdown. Below it, a sidebar lists categories like Replication, Organization, and Data & Permissions. The main content area has a search bar and a grid of links under 'Administration feature lookup...'. One link, 'Manage Sites', is highlighted with a red box. Other links include Site Development, Global Preferences, and Operations. At the bottom, there's a 'Favorites' section with a note to 'Speed up your day!' and a link to 'Add your favorite Business Manager modules to your homepage.'

Click on the site to manage.



The screenshot shows the 'Manage Sites' page under the 'Administration > Sites' menu. The title is 'Storefront Sites'. It displays a table of storefront sites with columns for Name, ID, Status, and Sorting. The table includes rows for 'SiteGenesis', 'SiteGenesisGlobal', 'RefArch', and 'RefArchGlobal'. The 'RefArchGlobal' row is highlighted with a red box. Buttons for 'New' and 'Delete' are at the bottom right. Below the table, there's a section titled 'Business Manager Site' with a note to 'Manage the Business Manager site.' and a 'Global Static Cache' section.

Open the “**Setting**” tab for Cartridge setting.

The screenshot shows the Salesforce Site Management interface. The top navigation bar includes links for Sandbox - cacco01, Select a Site, Merchant Tools, Administration, Storefront, and Toolkit. Below this, the breadcrumb navigation shows Administration > Sites > Manage Sites > RefArchGlobal - General. A red box highlights the "Settings" tab in the navigation bar. The main content area is titled "RefArchGlobal - General". It contains various configuration fields: ID (RefArchGlobal), Name (RefArchGlobal), Time Zone (Etc/UTC), Default Currency (British Pound Sterling), Taxation (Gross), Customer List (RefArch), Brand (empty), Billing Entity (empty), and Description (empty). At the bottom right are buttons for Apply, Reset, and Delete.

Set the cartridge path settings on the “**Settings**” tab as below.

int_oplux_sfra_chages:int_oplux:bm_oplux:app_storefront_base

The screenshot shows the Salesforce Site Management interface. The top navigation bar includes links for Sandbox - cacco01, Select a Site, Merchant Tools, Administration, Storefront, and Toolkit. Below this, the breadcrumb navigation shows Administration > Sites > Manage Sites > RefArchGlobal - Settings. A red box highlights the "Settings" tab in the navigation bar. The main content area is titled "RefArchGlobal - Settings". It contains fields for Instance Type (Sandbox/Development), HTTP Hostname, HTTPS Hostname, and Instance Type: All. Under Cartridges, the value "int_oplux_sfra_chages:int_oplux:bm_oplux:app_storefront_base" is selected, with a red box highlighting it. Below this, a list of cartridges is shown: int_oplux_sfra, int_oplux, app_storefront_base, plugin_apple_pay, plugin_facebook, plugin_payments, plugin_pinterest_commerce, and plugin_web_payments. At the bottom right are buttons for Click Apply to save the details, Click Reset to revert to the last saved state, and a note: "Deprecated. The preferred way of configuring HTTP and HTTPS hostnames is by using new features of the site aliases configuration ("SEO > Aliases Configuration"). The HTTP/HTTPS hostname values set in this section will be used if no hostnames are defined by aliases configuration and are intended only to support an older configuration style."

3.2.2 Admin Screen Configuration

3.2.2.1 Setup Cartridges

Click the “**Back to List**” button, then go to “**Business Manager Site** > “**Manage the Business Manager site**” link.

The screenshot shows the Salesforce Business Manager Site Management interface. At the top, there's a navigation bar with tabs for Merchant Tools, Administration, Storefront, and Toolkit. Below the navigation bar, the page title is "Administration > Sites > Manage Sites". The main content area is titled "Storefront Sites". It displays a table of storefront sites with columns for Name, ID, Status, and Sorting. The table includes rows for SiteGenesis, SiteGenesisGlobal, RefArch, and RefArchGlobal, all marked as Online. There are "New" and "Delete" buttons at the bottom right of the table. Below the table, there's a section titled "Business Manager Site" with a "Manage the Business Manager site" button. At the very bottom, there's a "Global Static Cache" section.

Set the cartridge path settings on the “**Settings**” tab as below.

bm_oplux:bm_app_storefront_base:bm_custom_plugin:int_oplux

The screenshot shows the "Business Manager - Settings" page. The top navigation bar has tabs for Settings, Cache, and Hostnames, with the Settings tab selected. The page title is "Administration > Sites > Manage Sites > Business Manager - Settings". Below the title, there's a note: "Click Apply to save the details. Click Reset to revert to the last saved state." The "Instance Type" dropdown is set to "Sandbox/Development". Under "Cartridges", the value "bm_oplux:bm_app_storefront_base:bm_custom_plugin:int_oplux" is highlighted with a red box. The "Effective Cartridge Path" field contains the value "app_business_manager:plugin_apple_pay:plugin_facebook:plugin_payments:plugin_pinterest_commerce:plugin_web_payments:bc_impx:bc_search:bc_analytics:bc_transaction:bc_catalog:bc_content:core:bm_oplux". At the bottom left, there's a "Back to List" button.

3.2.2.2 Admin Screen Configuration

In order to use the Fraud Detection settings screen on the Business Manager, go to **Administration > Organization > Role & Permissions**.

The screenshot shows the Salesforce Administration feature lookup interface. The top navigation bar has tabs for Merchant Tools, Administration (which is selected and highlighted with a red box), Storefront, and Toolkit. Below the navigation is a search bar with the placeholder "Administration feature lookup...". The main area is a grid of links categorized into five groups: Replication, Sites, Site Development, Global Preferences, and Operations. In the "Organization" sidebar, under "Roles & Permissions", the "Administrator" link is highlighted with a red box.

Select the ID to set (in this case , Administrator) .

The screenshot shows the "Roles" page in the Salesforce Administration interface. The top navigation bar is identical to the previous screenshot. The main content area is titled "Roles". It displays a table with columns for "Select All", "ID", and "Description". The "Administrator" row is selected, indicated by a red box around its "ID" column value. The "Description" column for the Administrator role states: "The administrator has the rights to perform tasks related to the overall administration of the merchant organization and its users and roles. This access role is not site-specific and will grant the user access to the entire organization." At the bottom right of the table, there are "New" and "Delete" buttons.

Select “Business Manager Modules” tab.

The screenshot shows the Salesforce Administration interface. The top navigation bar includes links for Sandbox - cacco01, Select a Site, Merchant Tools, Administration, Storefront, and Toolkit. The main navigation path is Administration > Organization > Roles > Administrator - General. Below this, there are tabs for General, Users, Business Manager Modules (which is highlighted with a red box), Functional Permissions, WebDAV Permissions, Locale Permissions, Price Adjustment Limits, and Customer Service Center Permissions. A section titled "Administrator" contains a warning icon and the text "Administrator". It includes fields for "ID*" (Administrator) and "Description" (The administrator has the rights to perform tasks related to the overall administration of the merchant organization and its users and roles. This access role is not site-specific and will grant the user access to the entire organization). At the bottom right are "Apply" and "Delete" buttons.

Select the target site.

The screenshot shows the Salesforce Administration interface. The top navigation bar is identical to the previous screenshot. The main navigation path is Administration > Organization > Roles > Administrator - Business Manager Modules. A modal dialog box titled "Select Context" is open. It contains a note: "Select a context to view and edit permissions. Organization and Sites can't be selected at the same time." Below this are two sections: "Organization" (with an unchecked checkbox) and "Sites" (with a checked checkbox for "SiteGenesisGlobal" and an unchecked checkbox for "RefArch"). At the bottom of the dialog are "Cancel" and "Apply" buttons, with the "Apply" button highlighted with a red box and a circled number "2". The background page shows a table for "Business Manager Module" and "Module Description" with a "Select Context" link, and a "Selected Context: None" message. A "Back to List" link is also visible.

After selection, the following will be displayed

The screenshot shows the 'Business Manager Modules' section of the Salesforce Admin interface. It displays a table of modules with their descriptions and permission checkboxes for 'Read' and 'Write'. The 'Selected Context' is set to 'SiteGenesisGlobal, RefArchGlobal'.

Business Manager Module	Module Description	Read	Write
Products and Catalogs	Manage the products of the organization. Note: Due to the relation between products and product sets, it is not possible to combine read and write access between these two modules. Please note that for read-only access across the entire 'Products' module the functional permissions 'Manage_Site_Catalog', 'Manage_Site_PriceBooks', and 'Manage_Site_Inventory' are required in the site context. For full write access, the additional organization-level functional permission 'Manage_All_Catalogs' is required.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Products	Manage the products of the organization. Note: Due to the relation between products and product sets, it is not possible to combine read and write access between these two modules. Please note that for read-only access across the entire 'Products' module the functional permissions 'Manage_Site_Catalog', 'Manage_Site_PriceBooks', and 'Manage_Site_Inventory' are required in the site context. For full write access, the additional organization-level functional permission 'Manage_All_Catalogs' is required.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Product Sets	Manage the product sets of the organization. Note: Due to the relation between products and product sets, it is not possible to combine read and write access between these two modules. Please note that for read-only access across the entire 'Product Sets' module the functional permissions 'Manage_Site_Catalog', 'Manage_Site_PriceBooks', and 'Manage_Site_Inventory' are required in the site context. For full write access, the additional organization-level functional permission 'Manage_All_Catalogs' is required.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Check "Fraud Detection (O-PLUX)" settings options then "Update".

The screenshot shows the 'Fraud Detection (O-PLUX)' settings page. Under the 'Orders' section, the 'Orders' checkbox is selected. At the bottom right, there are 'Reset' and 'Update' buttons.

Fraud Detection (O-PLUX)	<input checked="" type="checkbox"/>
Orders	<input checked="" type="checkbox"/>

[<< Back to List](#)

Now, “**Fraud Detection (O-PLUX)**” settings item will be shown under Merchant Tools menu.

The screenshot shows the Salesforce Merchant Tools feature lookup interface. The top navigation bar includes the Salesforce logo, the environment name "Sandbox - cacco01 RefArchGlobal", and tabs for "Merchant Tools", "Administration", "Storefront", and "Toolkit". Below the navigation is a search bar with the placeholder "Merchant Tools feature lookup..." and a magnifying glass icon. The main content area is organized into several sections:

- Content**: Libraries, Library Folders, Content Assets, Import & Export, Page Designer.
- Customers**: Customers, Customer Groups, Snapshots, Batch Processes, Import & Export.
- Custom Objects**: Custom Object Editor, Batch Processes, Import & Export.
- SEO**: URL Rules, URL Redirects, Static Mappings, Dynamic Mappings, Robots, Aliases, Customer CDN Settings.
- Products and Catalogs**: Products, Product Sets, Catalogs, Product Options, Variation Attributes, Recommendations, Price Books, Catalog Feeds, Batch Processes, Import & Export.
- Ordering**: Orders, Taxation, Payment Processors, Payment Methods, Shipping Methods, Import & Export, Customer Service Center.
- Search**: Search Indexes, Search Index Rebuild Schedule, Search Index Query Testing, Search Dictionaries, Searchable Attributes, Search Driven Redirects, Stop Word Dictionary, Category Name Exclusions, Synonym Dictionary, Hypernym Dictionary, Compound Word Dictionary, Common Phrase Dictionary, Search Suggestions, Stemming Exceptions, Keyword Groups, Sorting Rules, Storefront Sorting Options, Search Preferences, Import & Export.
- Fraud Detection (O-PLUX)**: Orders (highlighted with a red box).
- Online Marketing**: Campaigns, A/B Tests, Promotions, Content Slots, Coupons, Source Code Groups, Active Data, Stores, Gift Certificates, Import & Export.
- Analytics**: Reports and Dashboards (New!), Conversion Reports, Purchase Reports, Catalog Reports, Search and Navigation Reports, Customer Reports, Traffic Reports, A/B Testing Reports, Technical Reports, Legacy Reports.
- Site Preferences**: Locking, Baskets, A/B Tests, Locales, Currencies, Source Codes, Gift Certificates, Search Preferences, Sequence Numbers, Order, Coupons, Promotions, Deprecated Storefront Toolkit, Storefront URLs, Custom Preferences, Pinterest Commerce, Privacy, Customer Service Center Preferences, Apple Pay.

3.2.3 Site Import

In Business Manager, go to

Administration > Site Development > Site Import & Export.

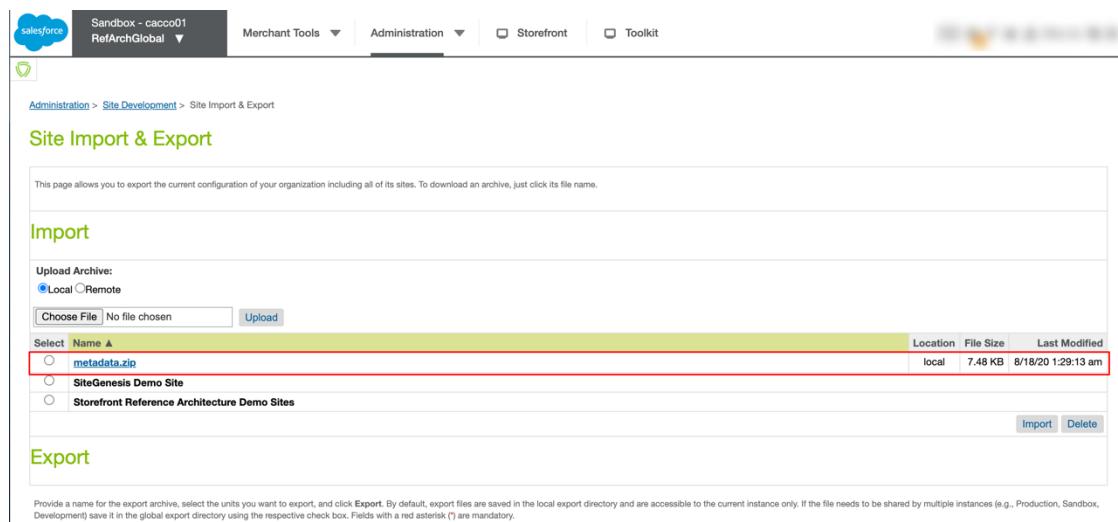
The screenshot shows the Salesforce Business Manager interface. At the top, there's a navigation bar with links like 'Sandbox - cacco01 RefArchGlobal', 'Merchant Tools', 'Administration' (which is highlighted with a red box), 'Storefront', and 'Toolkit'. Below the navigation is a search bar labeled 'Administration feature lookup...'. The main content area is divided into several sections: 'Replication', 'Organization', 'Sites', 'Site Development' (which is highlighted with a red box), 'Global Preferences', and 'Operations'. Under 'Site Development', the 'Site Import & Export' option is also highlighted with a red box. At the bottom of the page, there are two cards: 'SEO' (Optimize your page for search engines) and 'Site Preferences' (Set preferences for this site).

On the opened screen, select the file to upload for import. Select the zip file produced in step 3.1 of the guide and click the “Upload” button.

Setting target file: **{name of compressed file}.zip** and upload. In this case the target file is called “metadata.zip”.

The screenshot shows the 'Site Import & Export' page under 'Administration > Site Development'. The 'Import' section is active. It has a 'Upload Archive:' field with 'Local' selected and a 'Choose File' button where 'metadata.zip' is selected. An 'Upload' button is highlighted with a red box. Below this is a table with columns 'Select', 'Name', 'Location', 'File Size', and 'Last Modified'. There are two entries: 'SiteGenesis Demo Site' and 'Storefront Reference Architecture Demo Sites'. A 'No file chosen' message is shown next to the second entry. At the bottom, there's an 'Import' button and a 'Delete' link. The 'Export' section is also visible below.

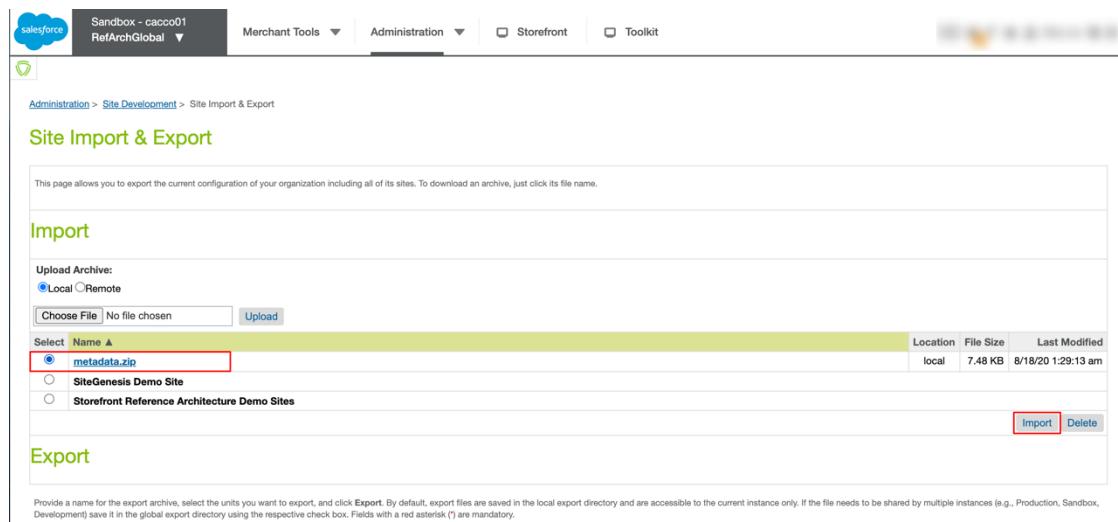
After the file is uploaded, the zip file will appear like this.



The screenshot shows the Site Import & Export page in the Salesforce Administration interface. The 'Import' section is active, displaying a table of files. A red box highlights the 'metadata.zip' file, which has been uploaded. The table includes columns for Select, Name, Location, File Size, and Last Modified. The 'Import' button is also highlighted with a red box.

Select	Name *	Location	File Size	Last Modified
<input type="radio"/>	metadata.zip	local	7.48 KB	8/18/20 1:29:13 am
<input type="radio"/>	SiteGenesis Demo Site			
<input type="radio"/>	Storefront Reference Architecture Demo Sites			

Select the uploaded file then click the “Import” button.



This screenshot is identical to the one above, showing the Site Import & Export page. The 'Import' section is active, and the 'metadata.zip' file is selected. The 'Import' button at the bottom right of the table is highlighted with a red box.

When the confirmation message appears, click the “OK” button. Wait a little bit for the file to be imported.

This page allows you to export the current configuration of your organization including all of its sites. To download an archive, just click its file name.

Import

Are you sure that you want to import the selected archive?

Upload Archive:
Local Remote

Choose File No file chosen

Select	Name	Location	File Size	Last Modified
<input checked="" type="radio"/>	metadata.zip	local	7.48 KB	8/18/20 1:29:13 am
<input type="radio"/>	SiteGenesis Demo Site			
<input type="radio"/>	Storefront Reference Architecture Demo Sites			

Export

Provide a name for the export archive, select the units you want to export, and click Export. By default, export files are saved in the local export directory and are accessible to the current instance only. If the file needs to be shared by multiple instances (e.g., Production, Sandbox),

3.2.4 Metadata & Site Data Checking

After site import is completed, we should double check whether necessary items have been imported successfully.

- Administration > Site Development > System Object Types >
SitePreference > Attribute Definitions

`oplux_shop_id`
`oplux_application_id`
`oplux_secret_access_id`
`oplux_get_device_info_url`
`oplux_run_background_job`
`oplux_order_status_for_review_hold`
`oplux_order_status_for_api_error_limit`

- Administration > Site Development > System Object Types > Order >
Attribute Definitions

`oplux_event_id`
`oplux_settle_status`
`oplux_rule_code`
`oplux_rule_group`
`oplux_rule_description`
`oplux_event_aa_result`
`oplux_response_result`
`oplux_event_ma_result`
`oplux_event_ma_result_memo`
`oplux_blacked_flag`
`oplux_black_customer_type`
`oplux_black_other_category`

oplux_black_settle_category
oplux_customer_notification_mail_sent_flag
oplux_error
oplux_device_info
oplux_skip_update_settle_status
oplux_event_api_response_json

- Administration > Site Development > System Object Types > Basket >

Attribute Definitions

oplux_event_id
oplux_settle_status
oplux_rule_code
oplux_rule_group
oplux_rule_description
oplux_event_aa_result
oplux_response_result
oplux_event_ma_result
oplux_event_ma_result_memo
oplux_blacked_flag
oplux_black_customer_type
oplux_black_other_category
oplux_black_settle_category
oplux_customer_notification_mail_sent_flag
oplux_error
oplux_device_info
oplux_skip_update_settle_status
oplux_event_api_response_json

- Administration > Site Development > System Object Types >
PaymentMethod > Attribute Definitions

oplux_model_id

oplux_payment_method

3.2.5 Custom Site Preference for Fraud Detection

Select the site in Business Manager, to use the fraud detection.

Go to Merchant Tools > Site Preference > Custom Preference.

The screenshot shows the Salesforce Business Manager interface. At the top, there is a navigation bar with tabs: 'Sandbox - cacco01 RefArchGlobal' (highlighted with a red box), 'Merchant Tools' (highlighted with a red box), 'Administration', 'Storefront', and 'Toolkit'. Below the navigation bar is a search bar with placeholder text 'Merchant Tools feature lookup...' and a magnifying glass icon. The main content area is divided into several sections:

- Content**: Includes 'Libraries', 'Library Folders', 'Content Assets', 'Import & Export', and 'Page Designer'.
- Customers**: Includes 'Customers', 'Customer Groups', 'Snapshots', 'Batch Processes', 'Import & Export'.
- Custom Objects**: Includes 'Custom Object Editor', 'Batch Processes', 'Import & Export'.
- SEO**: Includes 'URL Rules', 'URL Redirects', 'Static Mappings', 'Dynamic Mappings', 'Robots', 'Aliases', and 'Customer CDN Settings'.
- Products and Catalogs**: Includes 'Products', 'Product Sets', 'Catalogs', 'Product Options', 'Variation Attributes', 'Recommendations', 'Price Books', 'Inventory', 'Catalog Feeds', 'Batch Processes', 'Import & Export'.
- Search**: Includes 'Search Indexes', 'Search Index Rebuild Schedule', 'Search Index Query Testing', 'Search Dictionaries', 'Searchable Attributes', 'Search Driven Redirects', 'Stop Word Dictionary', 'Category Name Exclusions', 'Synonym Dictionary', 'Hypernym Dictionary', 'Compound Word Dictionary', 'Common Phrase Dictionary', 'Search Suggestions', 'Stemming Exceptions', 'Keyword Groups', 'Sorting Rules', 'Storefront Sorting Options', 'Search Preferences', 'Import & Export'.
- Online Marketing**: Includes 'Campaigns', 'A/B Tests', 'Promotions', 'Content Slots', 'Coupons', 'Source Code Groups', 'Active Data', 'Stores', 'Gift Certificates', 'Import & Export'.
- Site Preferences**: Includes 'Locking', 'Baskets', 'A/B Tests', 'Locales', 'Currencies', 'Source Codes', 'Gift Certificates', 'Search Preferences', 'Sequence Numbers', 'Order', 'Coupons', 'Promotions', 'Deprecated Storefront Toolkit', 'Storefront URLs', and 'Custom Preferences' (highlighted with a red box).
- Analytics**: Includes 'Reports and Dashboards (New!)', 'Conversion Reports', 'Purchase Reports', 'Catalog Reports', 'Search and Navigation Reports', 'Customer Reports', 'Traffic Reports', 'A/B Testing Reports', 'Technical Reports', and 'Legacy Reports'.
- Fraud Detection (O-PLUX)**: Includes 'Orders'.

Select the “**OpluxConfigs**”.

The screenshot shows the 'Custom Site Preference Groups' page in the Salesforce Business Manager. At the top, there is a navigation bar with tabs: 'Sandbox - cacco01 RefArchGlobal' (highlighted with a red box), 'Merchant Tools' (highlighted with a red box), 'Administration', 'Storefront', and 'Toolkit'. Below the navigation bar is a search bar with placeholder text 'Search by IDs...' and a magnifying glass icon. The main content area shows a table of custom site preference groups:

ID	Name	Description	Preferences	View Across Sites
Storefront Configs	Storefront Configurations		5	View
SFRA Unified Feature Cartri...	SFRA Unified Feature Cartridge		6	View
OpluxConfigs	OpluxConfigs		8	View
TEST_BML	TEST BML		1	View

Set the following items.

The screenshot shows the Salesforce Merchant Tools interface with the following configuration items:

Name	Value	Default Value
デバイス情報取得先 URL (oplux_get_device_info_url) (String)	//fraud-buster.appspot.com/js/fraudbuster.js	//fraud-buster.appspot.com/js/fraudbuster.js
opluxから配布された値を設定		
ショップID (oplux_shop_id) (String)	[Redacted]	O-PLUXで利用する加盟店様のID。運用開始前にご連絡いたします。
Edit Across Sites		
審査登録リクエストがエラーの場合の注文ステータス (oplux_order_status_for_api_error_li... 審査のイベント登録リクエストがエラーしてリトライ回数も上限に達した場合の注文ステータス	None	注文成功
審査結果がREVIEW/HOLDの場合の注文ステータス (oplux_order_status_for_review_hold) 審査結果がREVIEW/HOLDの場合に設定する注文のステータスの指定。	注文保留 (HOLD)	注文保留
接続元ID		

ショップID : **oplux_shop_id**

接続元ID : **oplux_application_id**

シークレットキー: **oplux_secret_access_id**

デバイス情報取得URL: **oplux_get_device_info_url**

Note: Each item is used for API authentication of the fraud detection.

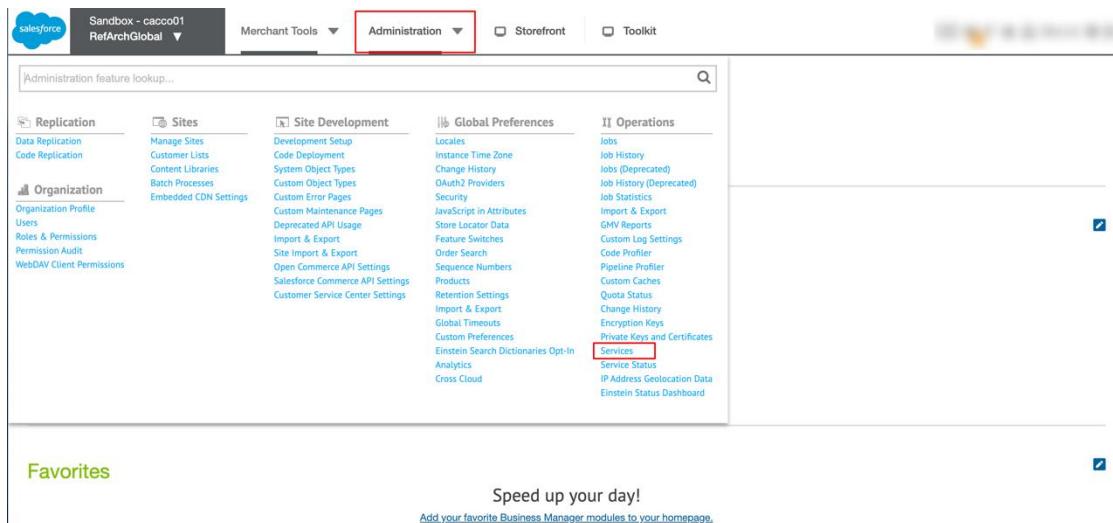
Please make sure to set the information provided by the service provider correctly.

3.2.5.1 OpluxConfigs items

項目	説明
デバイス情報取得URL	URL for getting end user's device info. Please set the value provided.
ショップID	ID used in O-PLUX system. Please set the value provided.
審査登録リクエストがエラーの場合の注文ステータス	Handling order status when event registration API error occurs.
自動審査結果がREVIEW/HOLDの場合の注文ステータス	Handling order status when event registration API result is REVIEW or HOLD.
接続元ID	ID used for connection. Please set the value provided.
シークレットキー	Required for API authentication. Please set the value provided.
目視審査サービスを使用	Setting for active or deactivate "Oplux_GetEventInfo" job. Check it if you want to active.

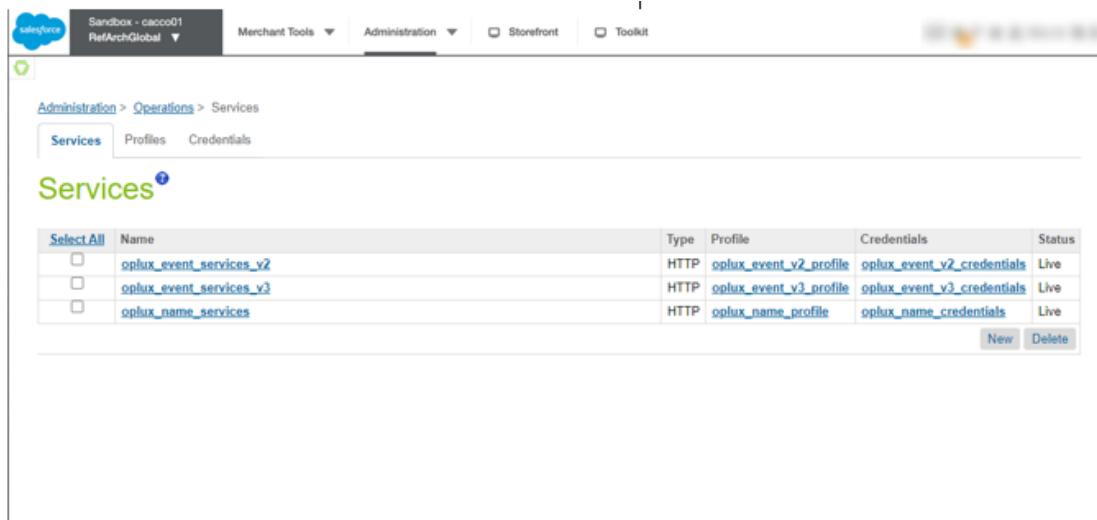
3.2.6 Services

In Business Manager, go to **Administration > Operations > Services**.



The screenshot shows the Salesforce Business Manager interface. The top navigation bar includes links for Sandbox - cacco01 RefArchGlobal, Merchant Tools, Administration (which is highlighted with a red box), Storefront, and Toolkit. Below the navigation is a search bar labeled "Administration feature lookup...". The main content area is organized into several categories: Replication, Sites, Site Development, Global Preferences, and Operations. The "Services" link under the Operations category is also highlighted with a red box. A sidebar on the left lists Organization-related modules like Organization Profile, Users, Roles & Permissions, Permission Audit, and WebDAV Client Permissions. At the bottom of the page, there's a "Favorites" section with a "Speed up your day!" message and a link to add favorite modules.

Check that the following items are displayed.



The screenshot shows the "Services" page within the Administration > Operations > Services hierarchy. The top navigation bar is identical to the previous screenshot. The main content area displays a table of services:

Select All	Name	Type	Profile	Credentials	Status
<input type="checkbox"/>	oplux_event_services_v2	HTTP	oplux_event_v2_profile	oplux_event_v2_credentials	Live
<input type="checkbox"/>	oplux_event_services_v3	HTTP	oplux_event_v3_profile	oplux_event_v3_credentials	Live
<input type="checkbox"/>	oplux_name_services	HTTP	oplux_name_profile	oplux_name_credentials	Live

At the bottom right of the table are "New" and "Delete" buttons.

- name normalization API:
 - name: **oplux_name_services**
 - profile: **oplux_name_profile**
 - Credentials: **oplux_name_credentials**

Click the link of “**oplux_name_services**”, make sure the name, profile, and credentials fields are set.

Administration > Operations > Services > lux_name_services - Details

oplux_name_services

Name*: lux_name_services

Type: HTTP

Enabled:

Service Mode: Live

Log Name Prefix: lux

Communication Log Enabled:

Force PRD Behavior in Non-PRD Environments:

Profile: lux_name_profile

Credentials: lux_name_credentials

Apply Reset

<< Back to List

Click the “**Back to List**” button, then click the link of “**oplux_name_credentials**”. Make sure that value for name is set. For the URL item, set the information according to the environment. User and password are not required.

verification environment : <https://staging-name-normalizer.o-plux.com/>

production environment : <https://name-normalizer.o-plux.com/>

Administration > Operations > Services > lux_name_credentials - Details

oplux_name_credentials

Name*: lux_name_credentials

URL: https://staging-name-normalizer.o-plux.com/

User:

Password:

Apply Reset

<< Back to List

- Event acquisition / update (version2) :

name: oplux_event_services_v2
profile: oplux_event_v2_profile
credentials: oplux_event_v2_credentials

Click the link of “**oplux_event_services_v2**”, make sure the name, profile, and credentials fields are set.

Fields with a red asterisk (*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.

Name:	oplux_event_services_v2
Type:	HTTP
Enabled:	<input checked="" type="checkbox"/>
Service Mode:	Live
Log Name Prefix:	oplux
Communication Log Enabled:	<input checked="" type="checkbox"/>
Force PRD Behavior in Non-PRD Environments:	<input type="checkbox"/>
Profile:	oplux_event_v2_profile
Credentials:	oplux_event_v2_credentials

[Back to List](#) [Apply](#) [Reset](#)

Click the “**Back to List**” button, then click the link of “**oplux_event_v2_credentials**”.

Make sure that value for name is set. For the URL item, set the information according to the environment.
User and password are not required.

verification environment : <https://api.tst.o-plux.com/v2/event>

production environment : <https://api.o-plux.com/v2/event>

Fields with a red asterisk (*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.

These credentials are used by 1 service.

Name:	oplux_event_v2_credentials
URL:	https://api.tst.o-plux.com/v2/event
User:	
Password:	*****

[Back to List](#) [Apply](#) [Reset](#)

- Event registration (version3) :

name: oplux_event_services_v3
profile: oplux_event_v3_profile
credentials: oplux_event_v3_credentials

Click the link of “**oplux_event_services_v3**”, make sure the name, profile, and credentials fields are set.

Administration > Operations > Services > oplux_event_services_v3 - Details

oplux_event_services_v3

Fields with a red asterisk (*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.

Name*: oplux_event_services_v3	Type: HTTP
Enabled: <input checked="" type="checkbox"/>	Service Mode: Live
Log Name Prefix: oplux	Communication Log Enabled: <input checked="" type="checkbox"/>
Force PRD Behavior in Non-PRD Environments:	
Profile: oplux_event_v3_profile	Credentials: oplux_event_v3_credentials

[<< Back to List](#) Apply Reset

Click the “**Back to List**” button, then click the link of “**oplux_event_v3_credentials**”.

Make sure that value for name is set. For the URL item, set the information according to the environment.

User and password are not required.

verification environment : <https://api.tst.o-plux.com/v3/event>

production environment : <https://api.o-plux.com/v3/event>

Administration > Operations > Services > oplux_event_v3_credentials - Details

oplux_event_v3_credentials

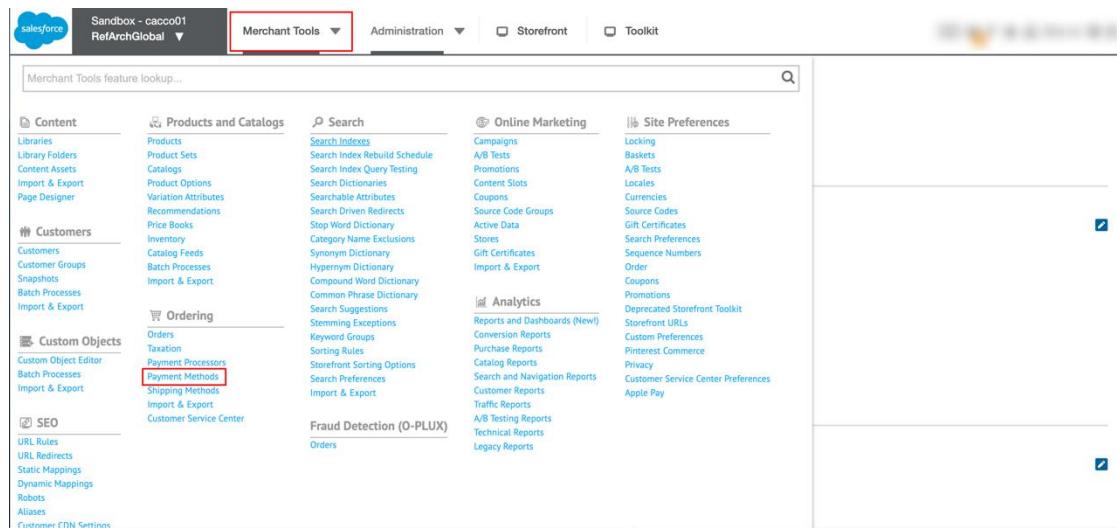
Fields with a red asterisk (*) are mandatory. Click Apply to save the details. Click Reset to revert to the last saved state.
These credentials are used by 1 service.

Name*: oplux_event_v3_credentials	URL: https://api.tst.o-plux.com/v3/event
User:	Password:

[<< Back to List](#) Apply Reset

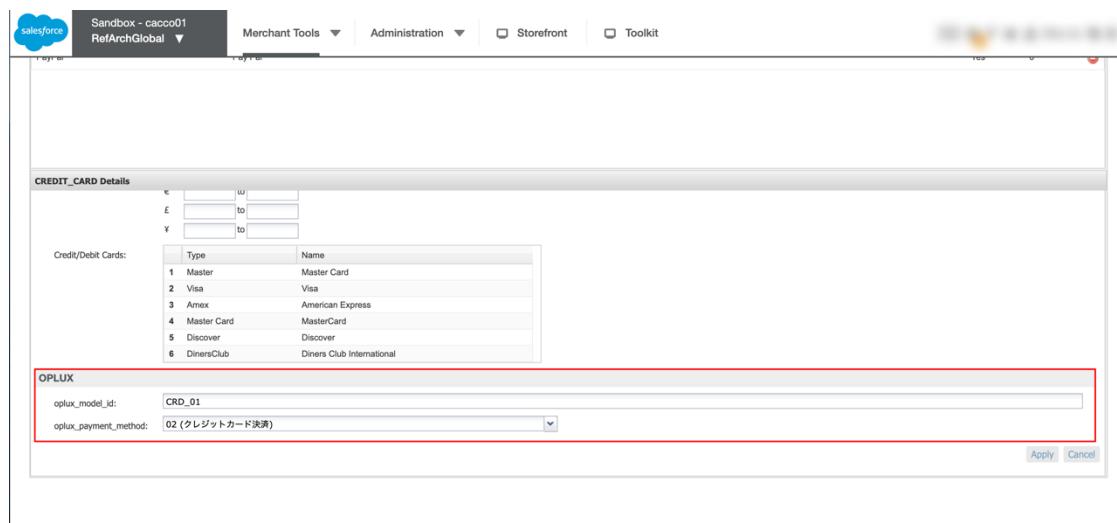
3.2.7 Payment Methods

In Business Manager, go to **Merchant Tools > Ordering > Payment Methods**



The screenshot shows the 'Merchant Tools feature lookup...' page. The left sidebar includes sections for Content, Customers, Custom Objects, SEO, and more. The main area is divided into several categories: Products and Catalogs, Search, Online Marketing, Site Preferences, Analytics, and Fraud Detection (O-PLUX). Under 'Ordering', the 'Payment Methods' option is highlighted with a red box. The 'Fraud Detection (O-PLUX)' section also contains a red box.

Check the “**OPLUX**” item for each payment methods must be set.



The screenshot shows the 'CREDIT_CARD Details' configuration screen. It includes sections for 'CREDIT_CARD Details' (with currency conversion fields), 'Credit/Debit Cards' (listing card types like Master, Visa, Amex, etc.), and the 'OPLUX' section. The 'OPLUX' section is highlighted with a red box, containing the following fields:

oplux_model_id:	CRD_01
oplux_payment_method:	02 (クレジットカード決済)

At the bottom right are 'Apply' and 'Cancel' buttons.

- **oplux_model_id**

For example: "CRD_01", "ATB_01", etc. It depends on the value provided.

- **oplux_payment_method**

Number	Payment method
01	Deferred payment
02	Credit payment
03	Cash on delivery
04	Prepayment
05	Electronic money
06	Point payment
07	Account transfer
08	Installments
09	Payeasy
10	PayPal
99	Other

3.3 Code Setup Guide

The below infomation shows the code that needs to be modified from SiteGenesis .

If you cannot introduce the "int_oplus_sfra_changes" cartridge as is, please modify the code by referring to the following guide.The existing code has a gray font color.

- Customize **cartridge/controllers/CheckoutServices.js**

This is the variable declaration section.

```
'use strict';

var server = require('server');

var eventHelpers = require('*/*cartridge/scripts/utils/eventHelpers');
var constants = require('*/*cartridge/scripts/utils/constants');
server.extend (module.superModule);

var Transaction = require('dw/system/Transaction');
var BasketMgr = require('dw/order/BasketMgr');
var currentBasket = BasketMgr.getCurrentBasket();
```

Save the device information and the first number of the credit card for O-PLUX event registration API and execute the event registration API.

If the examination result is OK, the examination result is cached for each examination model. If the examination result is NG, the cache is cleared and an error screen is displayed.

```
'SubmitPayment'

function (req, res, next) {
    // Do not review if validation error occurs
    if (res.viewData.error) {
        return next();
    }
}
```

```

    }

    var deviceInfo = request.httpParameterMap.get('fraudbuster');

    var paymentForm = server.forms.getForm('billing');

    var cardNumber = paymentForm.creditCardFields.cardNumber.value;

    var opluxCallHelpers = require('*-/cartridge/scripts/utils/opluxCallHelpers'

);

    var URLUtils = require('dw/web/URLUtils')

(deviceInfo){      deviceInfo.getValue().length <= constants.MAX_SESSION_STRING_LENGTH ? req.session.privacyCache.set( , deviceInfo.getValue()) : req.session.privacyCache.set(opluxDeviceInfo, "");

    req.session.privacyCache.set('cardNumber', cardNumber);

}

...

return next();

}

);

```

Before creating an Order, update the results of the event Registration API for the current judging model in Basket. This will preserve the results of the event registration API in the Order.

```

server.prepend(
'PlaceOrder',
function (req, res, next) {
    var BasketMgr = require('dw/order/BasketMgr');
    var currentBasket = BasketMgr.getCurrentBasket();
    eventHelpers.updateBasketOpluxExaminationResult(currentBasket);
    return next();
}

```

After creating the Order, verify that the event registration API results are correctly updated to the Order.

```

server.append (
  'PlaceOrder',
  server.middleware.post,
  server.middleware.https,
  function (req, res, next) {
    ...
    var OpluxCallHelpers = require('/int_oplux/cartridge/scripts/utils/opluxCallHelpers');
    ...
    ...
    if(orderID){
      var order = OrderMgr.getOrder(orderID);
      if (order && viewData.error) {
        var isValid = OpluxCallHelpers.opluxResultValidation(order);
        if (!isValid) {
          res.json({
            error: true,
            cartError: true,
            redirectUrl: URLUtils.url('Page-Show', 'cid', "opluxEventNG").toString()
          });
        }
      }
      // OPLUX: process order status by Oplux
      OpluxCallHelpers.postProcess(order);
      // clear orderNo from cache
      session.privacy.orderNo = null;
      session.privacy.model_id = null;
    }
    return next();
  }
);

```

- Customize **cartridge/template/default/checkout/billing/billing.isml**

Set the URL to get the device information.

```
...
<!-- oplux get device info -->
<!-- oplux get device info -->
<fieldset>
  <input type="hidden" id="fraudbuster" name="fraudbuster"/>
  <script type="text/javascript" src="${dw.system.Site.current.preferences.custom.oplux_get_
device_info_url}"></script>
</fieldset>
...
...
```

3.4 Linking Settlement Status

If you want to add “deferred-payment” etc. to the payment method and link the settlement status, please add or modify the code in the following resource file. If you want to use the “overdue” setting in O-PLUX, you need to set the payment deadline.

Please refer to the sample code below for customization.

- Customize **cartridge/scripts/jobs/opluxUpdateSettleStatus.js**

Get order information to update the status of O-PLUX.

```
function searchPastDueForPaymentOrders() {
  var OrderMgr = require('dw/order/OrderMgr');
  var Constants = require('*/*cartridge/scripts/utils/constants');

  var orders = OrderMgr.searchOrders(
    "custom.oplux_event_id != NULL AND custom.oplux_skip_update_settle_status != TRUE
AND " +
    "custom.oplux_settle_status = {0}",
    ...
  );
}
```

```

    'creationDate asc',
    Constants.EVENT_REQUEST_SETTLE_DEFAULT_STATUS.PAYMENT_OVERDUE
);
return orders;
}

```

- Customize **cartridge/scripts/jobs/opluxSettleStatusFinder.js**

Returns the settlement status linked to the O-PLUX.

Define a function for each audit model ID in the CustomStatusMap property. The sample code for the case of "oplux_model_id: 01" is implemented in the cartridge.

For example, if you want to add "oplux_model_id: 02" as a payment method, please refer to the commented out part below and add processing according to the payment method.

```

customStatusMap: {
  '01': function (order) {
    var Order = require('dw/order/Order');
    Logger.debug("=====Custom SettleStatusFinder Started.=====");
    var now = new Date();
    if(order.custom.payLimitDate < now &&
       order.paymentStatus == Order.PAYMENT_STATUS_NOTPAID &&
       (order.status == Order.ORDER_STATUS_NEW ||
        order.status == Order.ORDER_STATUS_OPEN))
    ){
      return '30';
    }
    return null;
  },
  // If 02 is added, add the following code
  '02': function (order) {
    // Describe the process according to the payment method
  }
  // If 02 is added, add the above code
},

```

3.5 How to Use Fraud Detection (O-PLUX)

3.5.1 Order List

Select the site in Business Manager, to use the fraud detection.

Go to **Merchant Tools > Fraud Detection (O-PLUX) > Orders** to see the list of fraud detected orders.

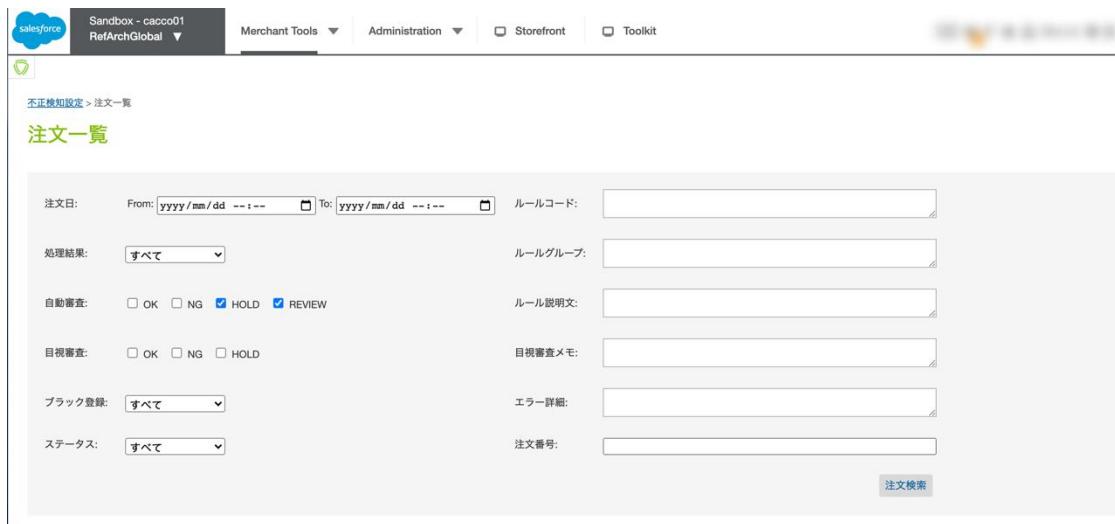
The screenshot shows the Salesforce Business Manager interface. At the top, there is a navigation bar with the Salesforce logo, the sandbox name "Sandbox - cacco01 RefArchGlobal", and a dropdown menu for "Merchant Tools". Below the navigation bar is a search bar labeled "Merchant Tools feature lookup...". The main content area is divided into several sections:

- Content**: Includes Libraries, Library Folders, Content Assets, Import & Export, Page Designer.
- Customers**: Includes Customers, Customer Groups, Snapshots, Batch Processes, Import & Export.
- Custom Objects**: Includes Custom Object Editor, Batch Processes, Import & Export.
- SEO**: Includes URL Rules, URL Redirects, Static Mappings, Dynamic Mappings, Robots, Aliases, Customer CDN Settings.
- Products and Catalogs**: Includes Products, Product Sets, Catalogs, Product Options, Variation Attributes, Recommendations, Price Books, Inventory, Catalog Feeds, Batch Processes, Import & Export.
- Search**: Includes Search Indexes, Search Index Rebuild Schedule, Search Index Query Testing, Search Dictionaries, Searchable Attributes, Search Driven Redirects, Stop Word Dictionary, Category Name Exclusions, Synonym Dictionary, Hypernym Dictionary, Compound Word Dictionary, Common Phrase Dictionary, Search Suggestions, Stemming Exceptions, Keyword Groups, Sorting Rules, Storefront Sorting Options, Search Preferences, Import & Export.
- Online Marketing**: Includes Campaigns, A/B Tests, Promotions, Content Slots, Coupons, Source Code Groups, Active Data, Stores, Gift Certificates, Import & Export.
- Analytics**: Includes Reports and Dashboards (New!), Conversion Reports, Purchase Reports, Catalog Reports, Search and Navigation Reports, Customer Reports, Traffic Reports, A/B Testing Reports, Technical Reports, Legacy Reports.
- Fraud Detection (O-PLUX)**: This section is highlighted with a red box. It includes the "Orders" option, which is also highlighted with a red box.
- Site Preferences**: Includes Locking, Baskets, A/B Tests, Locales, Currencies, Source Codes, Gift Certificates, Search Preferences, Sequence Numbers, Order, Coupons, Promotions, Deprecated Storefront Toolkit, Storefront URLs, Custom Preferences, Pinterest Commerce, Privacy, Customer Service Center Preferences, Apple Pay.

On the right side of the screen, there is a large, mostly empty white space, likely a placeholder for a modal or a large image. At the bottom right of this area, there are "Apply" and "Cancel" buttons.

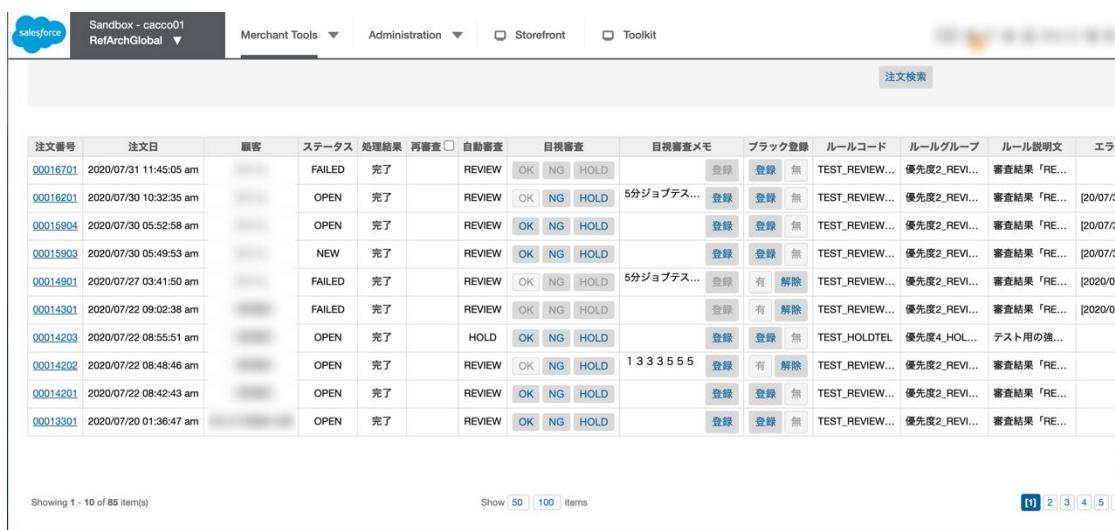
3.5.2 Search

You can search for fraudulent orders by setting conditions such as order date and processing result. By default, the conditions for automatic examination items are "**HOLD**" or "**REVIEW**"



The screenshot shows the Salesforce interface for searching orders. The top navigation bar includes "Merchant Tools", "Administration", "Storefront", and "Toolkit". The main search form has fields for "注文日" (Order Date), "From" and "To" dates, "ルールコード" (Rule Code), "処理結果" (Processing Result) set to "すべて" (All), "ルールグループ" (Rule Group), "自動審査" (Automatic Review) with checkboxes for OK, NG, HOLD, REVIEW, "ルール説明文" (Rule Description), "目視審査" (Visual Review) with checkboxes for OK, NG, HOLD, "目視審査メモ" (Visual Review Memo), "ブラック登録" (Blacklist Registration) with checkboxes for 登録 (Register), 無 (None), and エラー詳細 (Error Details), "エラー詳細" (Error Details), "ステータス" (Status) set to "すべて" (All), "注文番号" (Order Number), and a "注文検索" (Search Order) button.

Order numbers are displayed starting with the most recent order.



The screenshot shows the search results page for orders. The top navigation bar is identical to the search interface. The results table has columns for "注文番号" (Order Number), "注文日" (Order Date), "顧客" (Customer), "ステータス" (Status), "処理結果" (Processing Result), "再審査" (Re-Review), "自動審査" (Automatic Review), "目視審査" (Visual Review), "目視審査メモ" (Visual Review Memo), "ブラック登録" (Blacklist Registration), "ルールコード" (Rule Code), "ルールグループ" (Rule Group), "ルール説明文" (Rule Description), and "エラー詳細" (Error Details). The table lists 85 items, with the first few rows shown below:

注文番号	注文日	顧客	ステータス	処理結果	再審査	□	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー詳細
00016701	2020/07/31 11:45:05 am		FAILED	完了			REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	
00016201	2020/07/30 10:32:35 am		OPEN	完了			REVIEW	OK NG HOLD	5分ジョブテスト...	登録 登録 無	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	[20/07/31]
00015904	2020/07/30 05:52:58 am		OPEN	完了			REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	[20/07/31]
00015903	2020/07/30 05:49:53 am		NEW	完了			REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	[20/07/31]
00014901	2020/07/27 03:41:50 am		FAILED	完了			REVIEW	OK NG HOLD	5分ジョブテスト...	登録 登録 有	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	[2020/07/
00014301	2020/07/22 09:02:38 am		FAILED	完了			REVIEW	OK NG HOLD		登録 登録 有	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	[2020/07/]
00014203	2020/07/22 08:55:51 am		OPEN	完了			HOLD	OK NG HOLD		登録 登録 無	TEST_HOLDTEL	優先度4_HOLD...	テスト用の強...	
00014202	2020/07/22 08:48:46 am		OPEN	完了			REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録 有 解除	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	
00014201	2020/07/22 08:42:43 am		OPEN	完了			REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	
00013301	2020/07/20 01:36:47 am		OPEN	完了			REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV1...	審査結果「RE...	

3.5.3 Update

3.5.3.1 Check Order Details

Click the link of order number, then you can check the order information.

注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー	
00016701	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD		登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00016201	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00015904	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00015903	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	有	解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014901	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録	有	解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014203	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録	登録	無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...
00014202	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録	有	解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014201	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00013301	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...

The SFCC default order details screen appears.

Sandbox - cacco01 RefArchGlobal ▾

Merchant Tools ▾ Administration ▾ Storefront Toolkit

Merchant Tools > Ordering > Orders > Order: 00016701[RefArchGlobal]

General Attributes Payment Notes History

Details for Order '00016701'

Information: Contains 1 line item to 1 shipping location The total price is ¥36,189.00.

Date Received: 7/31/20 11:45:05 am Etc/UTC

Site: RefArchGlobal

Created By: Customer

Customer:

Customer No.:

IP Address:

Email:

Phone:

Order Status: Failed Confirmation Status: Not Confirmed

Shipping Status: Not Shipped Export Status: Not Exported

Shipment

Qty	Product ID	Name	Status	Manufacturer	Tax Rate	Unit Sales Price	Tax Basis	Item Total
1	750518546296M	ネイビーシングルブリーツツールスーツ	CANCELLED		10.00 %	¥36,173.00	¥36,173.00	¥36,173.00
						Shipment Shipping Cost: CANCELLED		¥16.00

3.5.3.2 Re-examination

If the processing result is "Error", you can re-examine.Orders with order status "CANCELLED", "FAILED" or "COMPLETED" cannot be re-examined.

You can also re-examine if the export status is "EXPORTED".

Set the processing result item to "Error" and click the "Order Search" button.

注文検索設定 > 注文一覧

注文一覧

注文日:	From: yyyy/mm/dd --:--	To: yyyy/mm/dd --:--	ルールコード:	<input type="text"/>
処理結果:	<input checked="" type="checkbox"/> エラー	ルールグループ:	<input type="text"/>	
自動審査:	<input type="checkbox"/> OK <input type="checkbox"/> NG <input type="checkbox"/> HOLD <input type="checkbox"/> REVIEW	ルール説明文:	<input type="text"/>	
目視審査:	<input type="checkbox"/> OK <input type="checkbox"/> NG <input type="checkbox"/> HOLD	目視審査メモ:	<input type="text"/>	
ブラック登録:	<input checked="" type="checkbox"/> すべて	エラー詳細:	<input type="text"/>	
ステータス:	<input checked="" type="checkbox"/> すべて	注文番号:	<input type="text"/>	
<input type="button" value="注文検索"/>				

Check box is displayed for orders that can be re-examined.

ステータス:	<input checked="" type="checkbox"/> すべて	注文番号:	<input type="text"/>	<input type="button" value="注文検索"/>									
注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー詳細
00013501	2020/07/20 03:54:14 AM		オープン	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/20 1...
00011602	2020/07/15 08:17:49 AM		オープン	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/15 1...
00009804	2020/07/08 11:23:15 AM		新規	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						Cannot read p...
00009803	2020/07/08 11:18:07 AM		新規	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						Cannot read p...
00009802	2020/07/08 11:13:59 AM		オープン	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						Cannot read p...
00009107	2020/07/06 10:53:29 AM		オープン	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/08 1...
00009106	2020/07/06 10:51:37 AM		オープン	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/06 1...
00009104	2020/07/06 10:48:40 AM		失敗	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/06 1...
00009103	2020/07/06 10:46:42 AM		失敗	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/06 1...
00009101	2020/07/06 10:42:59 AM		オープン	エラー	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						[2020/07/06 1...

Showing 1 - 10 of 29 item(s)

Show 50 | 100 items

You can re-examine by selecting the check box and click the "Re-examination" button.

ステータス:	すべて	注文番号:		注文検索
再審査				
注文番号	注文日	顧客	ステータス	処理結果
00013501	2020/07/20 03:54:14 AM		オープン	エラー
00011602	2020/07/15 08:17:49 AM		オープン	エラー
00009804	2020/07/08 11:23:15 AM		新規	エラー
00009803	2020/07/08 11:18:07 AM		新規	エラー
00009802	2020/07/08 11:13:59 AM		オープン	エラー
00009107	2020/07/06 10:53:29 AM		オープン	エラー
00009106	2020/07/06 10:51:37 AM		オープン	エラー
00009104	2020/07/06 10:48:40 AM		失敗	エラー
00009103	2020/07/06 10:46:42 AM		失敗	エラー
00009101	2020/07/06 10:42:59 AM		オープン	エラー

再審査

Showing 1 - 10 of 29 item(s)

Show 50 | 100 items

[1] [2] [3]

3.5.3.3 Manual examination

You can set the result of Manual examination by selecting the “OK”, “NG”, “HOLD” button.

Conditions:

- Order status “NEW” “OPEN” “REPLACED”
- Export status other than “EXPORTED”

注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー
00016701	2020/07/31 11:45:05 AM		失敗	完了	REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		
00016201	2020/07/30 10:32:35 AM		オープン	完了	REVIEW	OK NG HOLD		5分ジョブテス...	登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	[20/07/3]
00015904	2020/07/30 05:52:58 AM		オープン	完了	REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		[20/07/3]
00015903	2020/07/30 05:49:53 AM		新規	完了	REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		[20/07/3]
00014901	2020/07/27 03:41:50 AM		失敗	完了	REVIEW	OK NG HOLD		5分ジョブテス...	登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	[2020/07]
00014301	2020/07/22 09:02:38 AM		失敗	完了	REVIEW	OK NG HOLD		登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		[2020/07]
00014203	2020/07/22 08:55:51 AM		オープン	完了	HOLD	OK NG HOLD		登録 登録 無	TEST_HOLDTEL	優先度2_HOL...	テスト用の強...		
00014202	2020/07/22 08:48:46 AM		オープン	完了	REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		
00014201	2020/07/22 08:42:43 AM		オープン	完了	REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		
00013301	2020/07/20 01:36:47 AM		オープン	完了	REVIEW	OK NG HOLD		登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...		

Showing 1 - 10 of 85 item(s)

Show 50 100 items

1 2 3 4 5 >

Select one of the buttons, then confirmation popup will appear. It can be set by clicking the “Update” button.

注文検索													
注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査更新	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー
00016701	2020/07/31 11:45:05 AM		失敗	完了	REVIEW	OK NG HOLD		注文番号【00015904】の目視審査を【OK】に設定してもよろしいですか？	登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00016201	2020/07/30 10:32:35 AM		オープン	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	[20/07/3]
00015904	2020/07/30 05:52:58 AM		オープン	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00015903	2020/07/30 05:49:53 AM		新規	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00014901	2020/07/27 03:41:50 AM		失敗	完了	REVIEW	OK NG HOLD		5分ジョブテス...	登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	[2020/07]
00014301	2020/07/22 09:02:38 AM		失敗	完了	REVIEW	OK NG HOLD			登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	[2020/07]
00014203	2020/07/22 08:55:51 AM		オープン	完了	HOLD	OK NG HOLD			登録 登録 無	TEST_HOLDTEL	優先度2_HOL...	テスト用の強...	
00014202	2020/07/22 08:48:46 AM		オープン	完了	REVIEW	OK NG HOLD	1 3 3 3 5 5 5		登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00014201	2020/07/22 08:42:43 AM		オープン	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00013301	2020/07/20 01:36:47 AM		オープン	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	

Showing 1 - 10 of 85 item(s)

Show 50 100 items

1 2 3 4 5 >

3.5.3.4 Manual examination Memo

You can register a Manual examination memo by clicking the “Register” button.

Conditions:

- Order status “NEW” “OPEN” “REPLACED”
- Export status other than “EXPORTED”

注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー
00016701	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテスト...	登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00016201	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00015904	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00015903	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテスト...	登録	登録 有	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014301	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録	登録 有	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014203	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録	登録 無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...
00014202	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録	登録 有	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014201	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00013301	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...

Showing 1 - 10 of 85 item(s)

Show 50 100 items

1 2 3 4 5 >

Click the “Register” button, the input field for the Manual examination memo will be displayed. After input the contents, it can be set by clicking the “Update” button.

注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー
00016701	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテスト...	登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00016201	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00015904	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00015903	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテスト...	登録	登録 有	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014301	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録	登録 有	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014203	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録	登録 無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...
00014202	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録	登録 有	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014201	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00013301	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...

目視審査メモ
1 3 3 3 5 5 5

Cancel Update

Showing 1 - 10 of 85 item(s)

Show 50 100 items

1 2 3 4 5 >

3.5.3.5 Blacklist Registration

You can set the blacklist by clicking the "Register" button in the blacklist registration item.

注文番号	注文日	顧客	ステータス	処理結果	再審査 <input type="checkbox"/>	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー	
00016701	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	審査結果「RE...	
00016201	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE... [20/07/31]
00015904	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE... [20/07/31]
00015903	2020/07/30 05:49:53 AM			新規	完了	REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE... [20/07/31]
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	有	解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE... [20/07/31]
00014301	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録	有	解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE... [2020/07/22]
00014203	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録	登録	無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...
00014202	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録	有	解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00014201	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...
00013301	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録	無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...

By clicking the “Register” button, a popup to set reasons for blacklist registration will be displayed. Click the “Update” button to register.

3.5.3.6 Blacklist Release

When one item is registered in blacklist, the “Release” button will be displayed.

You can release the registered item by clicking this button.

注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー
00016701	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00016201	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00015904	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00015903	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	有 解除	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014301	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録	有	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014203	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録	登録 無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...
00014202	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録	有	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014201	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00013301	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...

Showing 1 - 10 of 85 item(s)

Show 50 100 items

[1] 2 3 4 5 >

Click the “Release” button to display confirmation popup.

This item will be released by clicking the “Update” button.

注文検索													
注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー
00016701	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00016201	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00015904	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00015903	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録	有	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014301	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録	有	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014203	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録	登録 無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...
00014202	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録	有	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00014201	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...
00013301	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録	登録 無	TEST REVIEW...	優先度2_REV...	審査結果「RE...

Showing 1 - 10 of 85 item(s)

Show 50 100 items

[1] 2 3 4 5 >

3.5.3.7 Other

Click the items of “rule code”, “rule group”, “rule description”, and “error details”, then contents of each item are displayed.

号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー詳細
21	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	
21	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[20/07/31 11:4...
24	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[20/07/31 11:4...
33	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[20/07/31 11:4...
21	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録 有 解除	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[2020/07/27 1...
21	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録 有 解除	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[2020/07/28 1...
23	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録 登録 無	TEST HOLDTEL	優先度4_HOL...	テスト用の強...	
22	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録 有 解除	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	
21	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	
21	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	

再審査

1 - 10 of 85 item(s)

Show 50 100 items

1 2 3 4 5 > >>

If you click a “rule group” item, it will be displayed as follows:

号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー詳細
21	2020/07/31 11:45:05 AM		失敗	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	
21	2020/07/30 10:32:35 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[20/07/31 11:4...
24	2020/07/30 05:52:58 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[20/07/31 11:4...
33	2020/07/30 05:49:53 AM		新規	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[20/07/31 11:4...
21	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録 有 解除	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[2020/07/27 1...
21	2020/07/22 09:02:38 AM		失敗	完了		REVIEW	OK NG HOLD		登録 有 解除	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	[2020/07/28 1...
23	2020/07/22 08:55:51 AM		オープン	完了		HOLD	OK NG HOLD		登録 登録 無	TEST HOLDTEL	優先度4_HOL...	テスト用の強...	
22	2020/07/22 08:48:46 AM		オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5	登録 有 解除	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	
21	2020/07/22 08:42:43 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	
21	2020/07/20 01:36:47 AM		オープン	完了		REVIEW	OK NG HOLD		登録 登録 無	TEST REVIEW... 優先度2_REVI...	優先度2_REVI...	審査結果「RE...	

注文検索

閉じる

1 - 10 of 85 item(s)

Show 50 100 items

1 2 3 4 5 > >>

3.6 Jobs

3.6.1 Manual examination result acquisition - **Oplux_GetEventInfo**

When using the Manual examination service, the result of the Manual examination of the target order is acquired from O-PLUX and linked to Business Manager.

The default setting is to run the job every 5 minutes.

- Target order

Order information within 48 hours.

Automatic examination item is "HOLD" or "REVIEW".

The result of Manual examination is not set.

Example :

注文番号	注文日	顧客	ステータス	処理結果	再審査	□	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー詳細
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	test ma result ...	登録 登録 無	TEST_REVIEW... 優先度2_REV... 審査結果「RE...				
00014801	2020/07/26 08:25:24 AM	オープン	完了		OK	OK NG HOLD		a	登録 登録 無		NO MATCH			
00014701	2020/07/26 08:06:41 AM	オープン	完了		OK	OK NG HOLD			登録 登録 無		NO MATCH			
00014603	2020/07/26 07:55:21 AM	新規	完了		OK	OK NG HOLD			登録 登録 無		NO MATCH			
00014602	2020/07/26 07:51:28 AM	オープン	完了		OK	OK NG HOLD			登録 登録 無		NO MATCH			
00014601	2020/07/26 07:45:30 AM	オープン	完了		OK	OK NG HOLD			登録 登録 無		NO MATCH			
00014301	2020/07/22 09:02:38 AM		失敗	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW... 優先度2_REV... 審査結果「RE...				
00014203	2020/07/22 08:55:51 AM	オープン	完了		HOLD	OK NG HOLD			登録 登録 無	TEST_HOLDTEL 優先度4_HOL... テスト用の強...				
00014202	2020/07/22 08:48:46 AM	オープン	完了		REVIEW	OK NG HOLD	1 3 3 3 5 5 5		登録 有 解除	TEST_REVIEW... 優先度2_REV... 審査結果「RE...				
00014201	2020/07/22 08:42:43 AM	オープン	完了		REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW... 優先度2_REV... 審査結果「RE...				

再審査

Showing 1 - 10 of 156 item(s)

Show 50 100 items

[1] 2 3 4 5 > >>

After the job is executed, the contents of "Manual examination" and "Manual examination memo" of O-PLUX are linked to SFCC.

注文番号	注文日	顧客	ステータス	処理結果	再審査	自動審査	目視審査	目視審査メモ	ブラック登録	ルールコード	ルールグループ	ルール説明文	エラー詳細
00014901	2020/07/27 03:41:50 AM		失敗	完了		REVIEW	OK NG HOLD	5分ジョブテス...	登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00014801	2020/07/26 08:25:24 AM	オープン	完了	OK	OK NG HOLD			test ma result ...	登録 登録 無		NO MATCH		
00014701	2020/07/26 08:06:41 AM	オープン	完了	OK	OK NG HOLD		a		登録 登録 無		NO MATCH		
00014603	2020/07/26 07:55:21 AM	新規	完了	OK	OK NG HOLD				登録 登録 無		NO MATCH		
00014602	2020/07/26 07:51:28 AM	オープン	完了	OK	OK NG HOLD				登録 登録 無		NO MATCH		
00014601	2020/07/26 07:45:30 AM	オープン	完了	OK	OK NG HOLD				登録 登録 無		NO MATCH		
00014301	2020/07/22 09:02:38 AM		失敗	完了	REVIEW	OK NG HOLD			登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00014203	2020/07/22 08:55:51 AM	オープン	完了	HOLD	OK NG HOLD				登録 登録 無	TEST_HOLDTEL	優先度4_HOL...	テスト用の強...	
00014202	2020/07/22 08:48:46 AM	オープン	完了	REVIEW	OK NG HOLD	1 3 3 3 5 5 5			登録 有 解除	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	
00014201	2020/07/22 08:42:43 AM	オープン	完了	REVIEW	OK NG HOLD				登録 登録 無	TEST_REVIEW...	優先度2_REV...	審査結果「RE...	

再審査

Showing 1 - 10 of 156 item(s)

Show 50 | 100 items

| 1 | 2 | 3 | 4 | 5 | > | >>

3.6.2 Settlement Status Sending - **Oplux_UpdateSettleStatus**

The settlement status of SFCC will be linked to O-PLUX.

The default setting is to run the job every minute.

For the "irregular sample" and "customization (when deferred payment is selected)," sample code exists (see Section 3.4, " Linking Settlement Status "), and the merchant must customize the code based on the sample code. In addition, orders that have selected credit card payment and the payment status has been changed to "Paid" are not eligible for jobs. When credit card payment is selected, the timing for debiting the billing amount varies among credit card companies, making it difficult for the merchant to know when the amount will be debited. Therefore, orders with the above conditions will not be renewed on the job.

Settlement status pattern.

- Standard specifications

Pattern	Settlement status
Credit order	00:Before billing

Non-credit orders (Not paid)	00:Before billing
Non-credit orders (paid)	00:Before billing → 20:Paid
Manual examination "NG"	00:Before billing
Not shipped cancel (Not paid)	00:Before billing → 99:Cancelled
Shipped cancel (Not paid)	00:Before billing → 100:Cancelled after shipped
Not shipped cancel (Non-credit , Paid) ※1	00: Before billing → 20:Paid →99:Cancelled
Not shipped cancel (Credit ,Paid) ※2	00: Before billing →99:Cancelled
Shipped cancel (Non-credit ,Paid) ※1	00:Before billing → 20:Paid →100:Cancelled after shipped
Shipped cancel (Credit ,Paid) ※2	00: Before billing →100:Cancelled after shipped
Order failed (process result "10: success", code error)	00:Before billing → 99:Cancelled
Order failed (API process result 20:error, no response)	Not linked because the event ID has not been acquired
Order failed (Automatic examination HOLD/REVIEW)	00:Before billing → 99:Cancelled

※1 : When you select a payment method other than credit card, such as deferred payment, the payment status will be updated to "00:Before Billing → 20:Paid ⇒ 99: Cancelled or 100: Cancelled after shipped".

※2 : When you select a credit card as your payment method, the payment status will be updated to "00: Before billing →99:Cancelled or 100: Cancelled after shipped".

- Irregular sample

Pattern	Settlement status
Automatic examination "OK" → Non-credit,Paid → Manual examination "NG"	00:Before billing → 20:Paid

- Customization (Deferred payment)

Pattern	Settlement status
Expired payment	00:Before billing → 30:Overdue
Payment overdue	00:Before billing → 30:Overdue → 20:Paid
Cancellation due to payment expiration	00:Before billing → 30:Overdue → 100:Cancelled after shipped

Example: pre-payment cancellation, it is as follows.

The final linked settlement status on the “Attribute” tab is “00 (before billing)”.

The settlement status on the O-PLUX management screen is “before billing”.

This screenshot shows the O-PLUX management interface. At the top, there's a green header bar with the O-PLUX logo and navigation links: イベント一覧, 審査結果レポート, CSV一括登録・更新, ネガティブ登録, and 管理. Below the header, a section titled 'イベント詳細' (Event Details) displays event ID, franchise store management ID, and a large table for review information and rule logs. The review information table includes fields like 自動審査結果 (Automatic Review Result), 自動審査日時 (Automatic Review Time), and 営業ステータス (Business Status). The rule log table shows rule codes and descriptions, such as 'TEST_OKTEL' and 'テスト用の強制審査結果OK (TEL1未実行)'.

審査情報	
自動審査結果	OK
自報審査結果	-
決済金額合計	¥721,791
自動審査日時	2022/06/27 18:14:38
自報審査終了日時	-
上限金額	¥999,999
審査担当者	-
判定結果グループ名	優先度3_OK_ルール単発

ルールコード	ルール詳細	判定グループ名
TEST_OKTEL	テスト用の強制審査結果OK (TEL1未実行)	優先度3_OK_ルール単発

対象・関連イベント								
基本情報								
加盟店管理ID	審査モデルID	自動審査結果	自報審査結果	決済ステータス	自動審査日時	決済金額	決済方法	入金までの日
1abcf0b855e7635197f08ac5d2	CRD_01	OK	-	請求前	2022/06/27 18:14:38	¥3,814	クレジットカード決済	-
77f6c161287c440252891cf19b	TNB_01	NG	-	請求前	2022/06/03 10:01:07	¥30,402	その他	-
9529af7effca464ea493571b54c	CRD_01	RFVFW	OK	請求前	2022/05/24 16:41:03	¥14,052	クレジットカード決済	-

SFCC order status is changed to “Cancelled”.

This screenshot shows the SFCC Order Detail page for Order 00014701. The top navigation bar includes Salesforce branding, a site dropdown (Sandbox - cacco01 RefArchGlobal), and links for Merchant Tools, Administration, Storefront, and Toolkit. The main content area shows the order details, including shipping and payment information. A prominent red box highlights the 'Order Status' field, which is set to 'Cancelled'. Below this, the 'Confirmation Status' is listed as 'Confirmed'. The shipping status is 'Not Shipped' and the export status is 'Ready for Export'. At the bottom, a table provides detailed item information for the order.

Information:	Contains 1 line item to 1 shipping location The total price is ¥21,118.00.						
Date Received:	7/26/20 8:06:41 am Etc/UTC						
Site:	RefArchGlobal						
Created By:	Customer						
Customer:							
Customer No.:							
IP Address:							
Email:							
Phone:							
Order Status:	Cancelled	Confirmation Status:	Confirmed				
Cancellation Code:							
Cancellation Description:							
Shipping Status:	Not Shipped	Export Status:	Ready for Export				
Shipment 00056005							
Qty	Product ID	Name	Manufacturer	Tax Rate	Unit Sales Price	Tax Basis	Item Total
1	883360524894M	カジュアルスリムレッグパンツ		10.00 %	¥21,102.00	¥21,102.00	¥21,102.00

The final linked settlement status on the “Attribute” tab will be changed “99 (Cancel)”.

oplux_custom_attributes

Oplus Event ID: 2209161254496413B1D4EDA74E54FEF9DEEB41BC632A2E2

Response Result: 10 (SUCCESS)

Oplus Manual Inspection Result Code: - None -

Manual Inspection Memo:

Oplus Error Description:

Sent Notification Mail to Customer:

Settle Status for Oplus: 99 (Cancelled)

Rule Codes: TEST REVIEWTEL

Rule Groups: 優先度2 REVIEW ルール単発

Rule Descriptions: テスト用の強制審査結果Review (TEL1未尾が2)

Blacklist Register Flag:

Payment Blacklist Category: - None -

Blacklist Type: - None -

Other Blacklist Category: - None -

The settlement status on the O-PLUX management screen will be changed to “Cancel”.

イベント一覧 | 審査結果レポート | CSV一括登録・更新 | ネガティブ登録 | 管理 |

イベント詳細

イベントID: 220627181438279A419415CBB8C4C0BA9482DBC7EB014B4
加盟店管理ID: 1abcf0b855e7635197f08ac5d2

審査情報

自動審査結果	OK	自動審査日時	2022/06/27 18:14:38	審査ステータス	審査済
目視審査結果	-	目視審査締切日時	-	審査担当者	-
決済金額合計	¥721,791	上限金額	¥999,999	判定結果グループ名	優先度3_OK_ルール単発

発動ルール情報

ルールコード	ルール詳細	判定グループ名
TEST_OKTEL	テスト用の強制審査結果OK (TEL1未尾が0)	優先度3_OK_ルール単発

対象・関連イベント

基本情報								
加盟店管理ID	審査モデルID	自動審査結果	目視審査結果	決済ステータス	自動審査日時	決済金額	決済方法	入金までの日
1abcf0b855e7635197f08ac5d2	CRD_01	OK	-	キャンセル	2022/06/27 18:14:38	¥3,814	クレジットカード決済	-
77f6c161287c440252891cf19b	TNB_01	NG	-	請求前	2022/06/03 10:01:07	¥30,402	その他	-
0670a7efef3ad4d0271b5dc	DEVIEW	NK	確認中	未確定	2022/06/04 16:41:03	¥14,852	クレジットカード決済	-

3.7 Customize parameters

Some parameters of O-PLUX are not supported in the SFCC default settings.

If you want to use these parameters, you need to add custom attributes and modify the source code.

3.7.1 O-PLUX parameters not supported by SFCC

The following O-PLUX parameters are not targeted for transmission in API requests for the O-PLUX cartridge. Check with your service provider for details and interface specifications.

- Language : **info.lang**
- Time zone : **info.tz**
- Currency : **info.currency**
- Fields : **telegram.fields**
- Cookie : **telegram.event.cookie_only**
- Credit card number hash : **telegram.event.ec.settle.credit_card.number_hash**
- Credit card expiration date : **telegram.event.ec.settle.credit_card.limit**
- Number of credit card payments : **telegram.event.ec.settle.credit_card.payment_count**
- Authorization number : **telegram.event.ec.settle.credit_card.authori_info**
- Credit card authorization result code : **telegram.event.ec.settle.credit_card.authori_info.authori_code**
- Credit card authorization result comments : **telegram.event.ec.settle.credit_card.authori_info.authori_comment**

- Credit card issuer : **telegram.event.ec.settle.credit_card.issuer_foreign_flg**
- Buyer city : **telegram.event.ec.customers.buyer.address.addressB**
- Customer category : **telegram.event.ec.customers.buyer.existing_customer_flg**
- Delivery service : **telegram.event.ec.customers.deliveries.delivery_compliance_name**
- Delivery city : **telegram.event.ec.customers.deliveries.address.addressB**
- Stock availability : **telegram.event.ec.item.item_stock_flg**
- Shop tenant ID : **telegram.event.ec.tenant.shop_tenant_id**
- Shop tenant limit price : **telegram.event.ec.tenant.tenant_limit_price**
- Credit line change ratio : **telegram.event.ec.tenant.member_limit_change_ratio**
- Shop tenant name : **telegram.event.ec.tenant.tenant_name**
- Shop tenant URL : **telegram.event.ec.tenant.tenant_url**
- Shop tenant registration date : **telegram.event.ec.tenant.tenant_registration_date**
- Shop tenant website ID : **telegram.event.ec.tenant.site_id**
- Shop tenant website password : **telegram.event.ec.tenant.site_pass**
- o-motionID: **telegram.event.omotion_auth_id**
- o-motion user ID hash: **telegram.event.user_id_hashed**
- last name furigana: **lastFurigana**

※Some items, such as the name of the purchaser's company, are set to be requested by the O-PLUX API, but are not SFRA standard items that can be entered in Storefront, so merchants will need to modify them if necessary.

※In accordance with SFCC security, API requests for "O-PLUX" are configured as Hash TypeB requests using SHA256. No API items related to Hash TypeA are set.

※For more information, contact Cacco Inc.

※The custom attribute ID for "last name furigana" may be different for each merchants, but the cartridge is implemented on the assumption that the custom attribute ID "oplux_last_name_kana" exists. If a custom attribute for " last name furigana " already exists, please refer to 3.7.3 and replace it with a custom attribute ID for each merchant.

3.7.2 Add Custom Attributes

When using the "delivery mobile phone number", it is as follows.

In Business Manager, go to **Administration > Site Development > System Object Types.**

The screenshot shows the Salesforce Business Manager Administration interface. The top navigation bar includes 'Sandbox - cacco01', 'Select a Site', 'Merchant Tools', 'Administration' (which is highlighted with a red box), 'Storefront', and 'Toolkit'. Below the navigation is a search bar labeled 'Administration feature lookup...'. The main content area is divided into several sections: 'Replication' (Data Replication, Code Replication), 'Sites' (Manage Sites, Customer Lists, Content Libraries, Batch Processes, Embedded CDN Settings), 'Site Development' (Development Setup, Code Deployment, System Object Types - which is highlighted with a red box), 'Global Preferences' (Locales, Instance Time Zone, Change History, OAuth2 Providers, Security, JavaScript in Attributes, Store Locator Data, Feature Switches, Order Search, Sequence Numbers, Products, Retention Settings, Import & Export, Global Timeouts, Custom Preferences, Einstein Search Dictionaries Opt-in, Analytics, Cross Cloud), and 'Operations' (Jobs, Jobs History, Jobs (Deprecated), Jobs History (Deprecated), Job Statistics, Import & Export, GMV Reports, Custom Log Settings, Code Profiler, Pipeline Profiler, Custom Caches, Quota Status, Change History, Encryption Keys, Private Keys and Certificates, Services, Service Status, IP Address Geolocation Data, Einstein Status Dashboard). At the bottom left is a 'Favorites' section with a link to 'Speed up your day!' and a note to 'Add your favorite Business Manager modules to your homepage.'

A list of System Objects Types is displayed.

The screenshot shows the Salesforce Administration interface with the following navigation path: Administration > Site Development > System Object Types. The page title is "System Object Type List". A note below the table states: "The list below shows all system object types available for customization. Some object types may be marked as read-only and therefore don't support customization." The table has columns for ID, Description, Groups, and Attributes. The data is as follows:

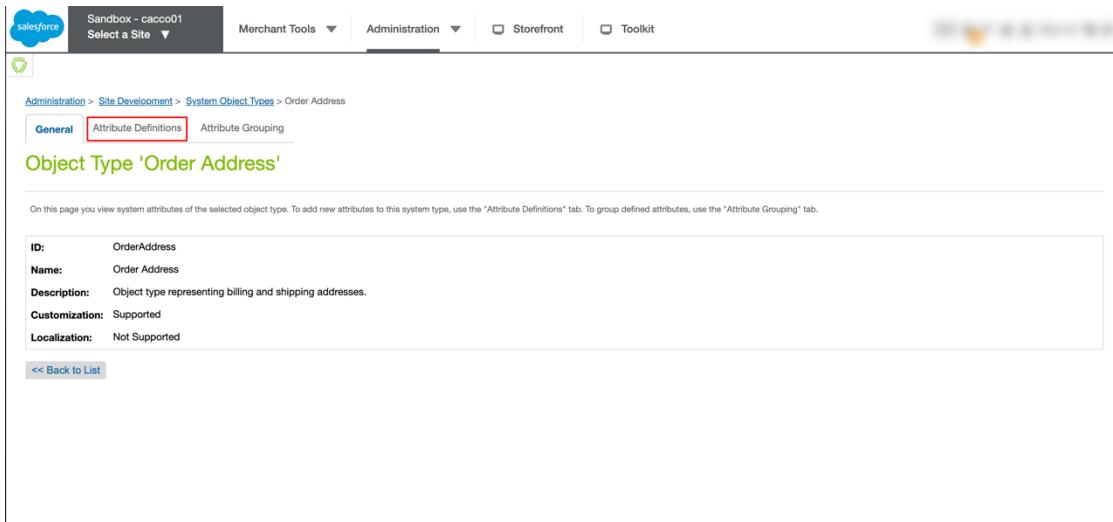
ID	Description	Groups	Attributes
Appeasement	Object type representing appeasements.	0	9
AppeasementItem	Object type representing appeasement items.	0	7
Basket	Object type representing baskets.	1	10
BonusDiscountLineItem	Object type representing bonus discount line items.	0	4
Campaign	Object type representing campaigns.	0	7
Catalog	Object type representing catalogs.	0	6
Category	Object type representing catalog categories.	6	32
CategoryAssignment	Object type representing category assignments.	0	8
Content	Object type representing content assets.	5	25
Coupon	Object type representing coupons.	0	11
CouponLineItem	Object type representing coupon line items.	0	3
CustomerActiveData	Object type representing active data for customers.	5	24
CustomerAddress	Object type representing customer addresses.	1	21
CustomerGroup	Object type representing customer groups.	0	5

Click “OrderAddress”.

The screenshot shows the Salesforce Administration interface with the following navigation path: Administration > Site Development > System Object Types. The page title is "System Object Type List". The table has columns for ID, Description, Groups, and Attributes. The data is as follows:

ID	Description	Groups	Attributes
CouponLineItem	Object type representing coupon line items.	0	3
CustomerActiveData	Object type representing active data for customers.	5	24
CustomerAddress	Object type representing customer addresses.	1	21
CustomerGroup	Object type representing customer groups.	0	5
CustomerPaymentInstrument	Object type representing payment instruments stored in the customer profile.	0	15
Folder	Object type representing library folders.	4	16
GiftCertificate	Object type representing gift certificates.	0	14
GiftCertificateLineItem	Object type representing gift certificate line items.	0	8
Invoice	Object type representing invoices.	0	7
InvoiceItem	Object type representing invoice items.	0	8
Library	Object type representing libraries.	1	6
Order	Object type representing orders.	1	50
OrderAddress	Object type representing billing and shipping addresses.	1	20
OrderItem	Order-specific extensions to line items.	0	3
OrderPaymentInstrument	Object type representing payment instruments as used in an order.	0	16
OrganizationPreferences	Object type representing the container for global preferences.	0	0
PaymentCard	Object type representing payment cards.	0	7
PaymentMethod	Object type representing payment methods.	1	9
PaymentTransaction	Object type representing payment transactions.	1	6
PriceAdjustment	Object type representing price adjustments.	0	4
PriceBook	Object type representing price books.	0	8
Product	Object type representing products.	44	102

Click “Attribute Definitions” tab.

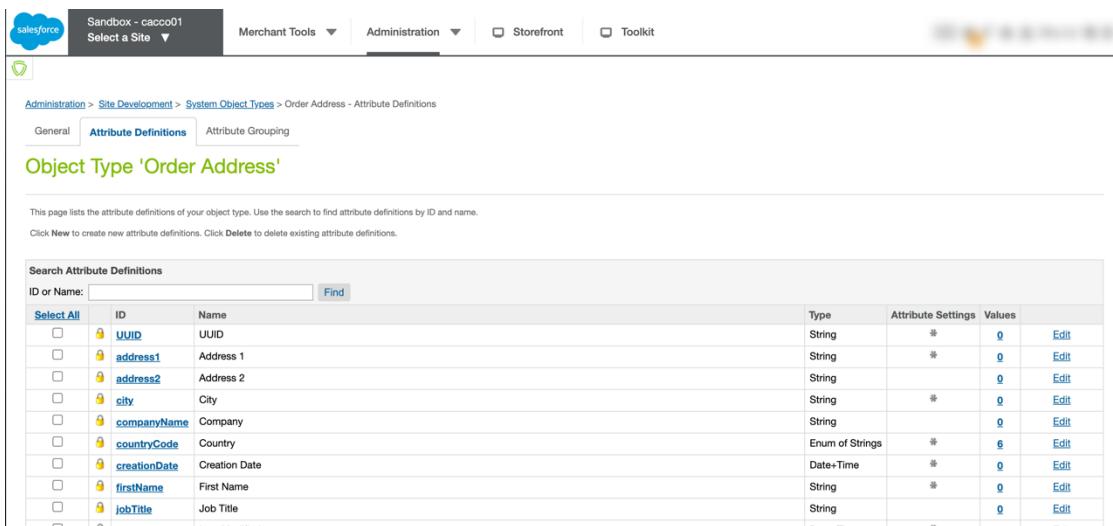


The screenshot shows the Salesforce Administration interface. The top navigation bar includes links for Merchant Tools, Administration, Storefront, and Toolkit. Below the navigation, the breadcrumb path is Administration > Site Development > System Object Types > Order Address. The main content area displays the 'Object Type 'Order Address'' page. At the top of this page, there are three tabs: General (selected), Attribute Definitions (highlighted with a red border), and Attribute Grouping. The page content includes a summary of the object type's properties:

ID:	OrderAddress
Name:	Order Address
Description:	Object type representing billing and shipping addresses.
Customization:	Supported
Localization:	Not Supported

At the bottom left, there is a link to '<< Back to List'.

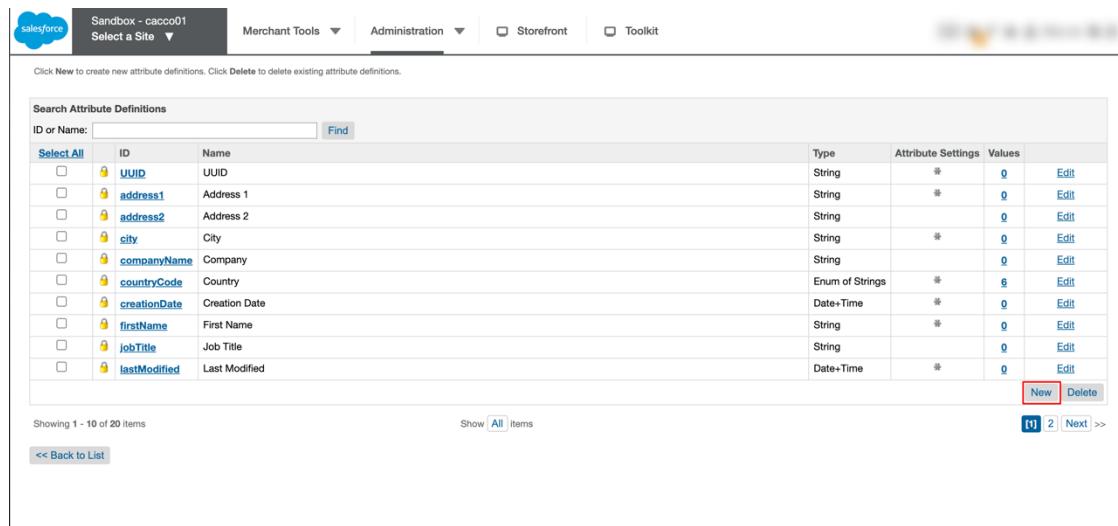
It will be displayed as follows.



The screenshot shows the Salesforce Administration interface, similar to the previous one but with the Attribute Definitions tab selected. The breadcrumb path is Administration > Site Development > System Object Types > Order Address - Attribute Definitions. The main content area displays the 'Object Type 'Order Address'' page under the Attribute Definitions tab. The page includes a search bar at the top and a table listing the attribute definitions:

ID or Name:	Find	Type	Attribute Settings	Values	Edit
<input type="checkbox"/> UUID	UUID	String	*	0	Edit
<input type="checkbox"/> address1	Address 1	String	*	0	Edit
<input type="checkbox"/> address2	Address 2	String	0	0	Edit
<input type="checkbox"/> city	City	String	*	0	Edit
<input type="checkbox"/> companyName	Company	String	0	0	Edit
<input type="checkbox"/> countryCode	Country	Enum of Strings	*	0	Edit
<input type="checkbox"/> creationDate	Creation Date	Date+Time	*	0	Edit
<input type="checkbox"/> firstName	First Name	String	*	0	Edit
<input type="checkbox"/> jobTitle	Job Title	String	0	0	Edit

Click the “New” button.



The screenshot shows the Salesforce Merchant Tools interface for managing attribute definitions. The top navigation bar includes links for 'Merchant Tools', 'Administration', 'Storefront', and 'Toolkit'. Below the navigation is a search bar with placeholder text 'Click New to create new attribute definitions. Click Delete to delete existing attribute definitions.' A 'Find' button is next to the search bar. The main content area is titled 'Search Attribute Definitions' and contains a table with columns: 'Select All', 'ID', 'Name', 'Type', 'Attribute Settings', and 'Values'. The table lists various attributes like 'UUID', 'address1', 'address2', etc., each with its type (String, String, String, String, Enum of Strings, Date+Time, String, String, Date+Time) and attribute settings. At the bottom right of the table is a 'New' button, which is highlighted with a red box. Other buttons include 'Delete', 'Find', 'Show All items', and navigation links for page 1, 2, and Next >.

Enter the “ID”, “Display Name”, and “Value Type” of the attribute to be added, and click the “Apply” button.

For example, set as follows.

ID: phoneMobile

Display Name: 携帯電話番号

Value Type: String

Sandbox - cacco01
Select a Site ▾ Merchant Tools Administration Storefront Toolkit

Administration > Site Development > System Object Types > Order Address - Attribute Definitions > Attribute Definition Details

Object Type 'Order Address' - Attribute Definition Details

On this page you can manage details of your attribute definition. Different options are available depending on the value type of your attribute. Click **Apply** to create a new attribute definition.

Select Language:	Default	<input type="button" value="Apply"/>
ID*	phoneMobile	
Display Name:	携帯電話番号	
Help Text:		
Value Type:	String	<input type="button" value="Apply"/> <input type="button" value="Cancel"/>

<< Back

After click the “Apply” button, the following will be displayed.

Sandbox - cacco01
Select a Site ▾ Merchant Tools Administration Storefront Toolkit

Administration > Site Development > System Object Types > Order Address - Attribute Definitions > Attribute Definition Details

Object Type 'Order Address' - Attribute Definition Details

On this page you can manage details of your attribute definition. Different options are available depending on the value type of your attribute. Click **Apply** to create a new attribute definition or save changes to existing attributes.

Select Language:	Default	<input type="button" value="Apply"/>
ID*	phoneMobile	
Display Name:	携帯電話番号	
Help Text:		
Value Type:	String	Note: Searchable via query framework.
Mandatory:	<input type="checkbox"/> *	
Externally Managed:	<input type="checkbox"/> ↗	
Value Unit:	<input type="text"/>	
Min Length:	0	
Field Length:	<input type="text"/>	
Field Height:	<input type="text"/>	

Click the “Back” button.

The screenshot shows the Salesforce interface for managing custom attributes. The top navigation bar includes 'Sandbox - cacco01', 'Select a Site', 'Merchant Tools', 'Administration', 'Storefront', and 'Toolkit'. The main content area is titled 'Custom Attributes' and shows a configuration for a new attribute named 'phoneMobile'. The 'ID' field is set to 'phoneMobile'. The 'Display Name' is '携帯電話番号'. The 'Value Type' is 'String'. The 'Mandatory' checkbox is checked. The 'Externally Managed' checkbox is checked. Other settings include 'Value Unit', 'Min Length', 'Field Length', 'Field Height', and 'Regex'. At the bottom right are 'Apply' and 'Reset' buttons, and a red-bordered 'Back' button.

Check the added custom attribute.

The screenshot shows the Salesforce interface for listing custom attributes. The top navigation bar is identical to the previous screenshot. The main content area displays a table of attributes. A red box highlights the row for 'phoneMobile', which has the ID 'UUID' and the display name '携帯電話番号'. The table includes columns for 'Select All', 'ID', 'Name', 'Type', 'Attribute Settings', and 'Values'. Each row also has an 'Edit' link.

Select All	ID	Name	Type	Attribute Settings	Values
<input type="checkbox"/>	UUID	UUID	String	*	0 Edit
<input type="checkbox"/>	address1	Address 1	String	*	0 Edit
<input type="checkbox"/>	address2	Address 2	String	*	0 Edit
<input type="checkbox"/>	city	City	String	*	0 Edit
<input type="checkbox"/>	companyName	Company	String	*	0 Edit
<input type="checkbox"/>	countryCode	Country	Enum of Strings	*	6 Edit
<input type="checkbox"/>	creationDate	Creation Date	Date-Time	*	0 Edit
<input type="checkbox"/>	firstName	First Name	String	*	0 Edit
<input type="checkbox"/>	jobTitle	Job Title	String	*	0 Edit
<input type="checkbox"/>	lastModified	Last Modified	Date-Time	*	0 Edit
<input type="checkbox"/>	lastName	Last Name	String	*	0 Edit
<input type="checkbox"/>	phone	Contact Phone	String	*	0 Edit
<input type="checkbox"/>	phoneMobile	携帯電話番号	String	*	0 Edit
<input type="checkbox"/>	postBox	Post Box	String	*	0 Edit
<input type="checkbox"/>	postalCode	Postal Code	String	*	0 Edit
<input type="checkbox"/>	salutation	Salutation	String	*	0 Edit
<input type="checkbox"/>	secondName	Second Name	String	*	0 Edit
<input type="checkbox"/>	stateCode	State	String	*	0 Edit
<input type="checkbox"/>	suffix	Suffix	String	*	0 Edit
<input type="checkbox"/>	suite	Suite No.	String	*	0 Edit
<input type="checkbox"/>	title	Title	String	*	0 Edit

3.7.3 Code Modification

When adding a parameter to the O-PLUX event registration API, customize it by referring to the sample code below.

Note : It uses the custom attribute “phoneMobile” created in Step 3.7.2.
Please modify according to the environment.

- Customize **int_oplux/cartridge/scripts/utils/eventHelpers.js**

```
function getObjectForApiRegisterEvent(basketOrOrder, normalizedNames, extraRaw

    var constants = require('*cartridge/scripts/utils/constants'
    var paymentMethodId
    if (basketOrOrder.paymentInstruments.empty) {
        // Get payment method from page when calling from Storefront
        var server = require('server');
        var paymentForm = server.forms.getForm('billing');
        paymentMethodId = paymentForm.paymentMethod.htmlValue;
    }
    ...
    ...
    eventObj = merge(eventObj, eventRequestObj);
    if(extraRaw){
        eventObj = merge(eventObj, extraRaw);
    }

    return eventObj;
}
```

This cartridge is implemented as link " last name furigana " to the O-PLUX name normalization API as a request parameter, but the value used for linkage is the "oplux_last_name_kana" custom attribute of the CustomerAddress object for convenience. If you would like to use a different attribute ID for " last name furigana " linked to O-PLUX in the merchant SFCC environment, please update "oplux_last_name_kana" in the code below to the attribute ID corresponding to " last name furigana " in the merchant's SFCC environment.

- Customize int_oplux/cartridge/scripts/utils/opluxCallHelpers.js

```
function getNormalizedNames(order) {  
    // Name Normalize  
    var buyerFirstName = order.billingAddress.firstName;  
    var buyerLastName = order.billingAddress.lastName;  
    var buyerLastNameKana = order.billingAddress.custom.oplux_last_name_kana;  
    var deliveryFirstName = order.defaultShipment.shippingAddress.firstName;  
    var deliveryLastName = order.defaultShipment.shippingAddress.lastName;  
    var deliveryLastNameKana = order.defaultShipment.shippingAddress.custom.oplux_l  
    ast_name_kana;  
    var normalizedNames = {}  
  
    var buyer = OpluxServices.getNormalizedName(buyerFirstName, buyerLastName, bu  
    yerLastNameKana).getObject();  
    var delivery = OpluxServices.getNormalizedName(deliveryFirstName, deliveryLastNa  
    me, deliveryLastNameKana).getObject();  
  
    if (buyer) {  
        normalizedNames.buyer = JSON.parse(buyer).response;  
    }  
    if (delivery) {  
        normalizedNames.delivery = JSON.parse(delivery).response;  
    }  
    return normalizedNames;
```

```
}
```

Since "oplux_last_name_kana" is also used in the test code, please modify the code below to the merchant's custom attribute ID as well.

- Customize test/mock/int_oplux/cartridge/scripts/utils/eventHelpers.js

```
basket: {  
    billingAddress: {  
        (省略)  
        custom: {  
            oplux_last_name_kana: 'ヤマダ'  
        },  
        postalCode: '980-0022',  
        stateCode: 'テスト県',  
        phone: '012-3456-789'  
    },  
    customerEmail: 'test.co.jp',  
    defaultShipment: {  
        shippingAddress: {  
            (省略)  
            custom: {  
                oplux_last_name_kana: 'ヤマダ'  
            },  
            postalCode: '980-0022',  
            stateCode: 'テスト県',  
            phone: '012-3456-789'  
        }  
    },  
    ...  
}
```

- Customize test/unit/int_oplux/cartridge/scripts/utils/opluxCallHelpers.js

```
var successResponseNameObject = {  
    billingAddress: {  
        custom: {  
            oplux_last_name_kana: 'ヤマダ'  
        },  
        firstName: '山田',  
        lastName: '太郎'  
    },  
    defaultShipment: {  
        shippingAddress: {  
            custom: {  
                oplux_last_name_kana: 'ヤマダ'  
            },  
            firstName: '山田',  
            lastName: '太郎'  
        }  
    },  
    ...  
}
```

3.8 Customize Content Assets

3.8.1 opluxEventNG

Content assets that are displayed on the storefront when the order status becomes “FAILED” as a result of fraud detection.

Conditions:

- Automatic examination result “NG”

OpluxConfigs “oplux_order_status_for_api_error_limit” setting is “FAILED”:

- No API response
- API response exists, processing result “20:error”

OpluxConfigs “oplux_order_status_for_review_hold” setting is “FAILED”:

- Automatic examination result 「REVIEW」
- Automatic examination result 「HOLD」

3.8.1.1 Check Content Assets

Check the content assets added in "3.2.3 Site Import".

Select the site to which the content asset was added in Business Manager.

Then go to **Merchant Tools > Content > Content Assets**.

The screenshot shows the Salesforce Business Manager interface with the 'Merchant Tools' tab selected. The 'Content' section is expanded, and 'Content Assets' is highlighted with a red box. Other sections include 'Products and Catalogs', 'Search', 'Online Marketing', and 'Site Preferences'. A search bar and a magnifying glass icon are at the top right.

Select [opluxEventNG].

Content Assets	Description	Action Buttons
noresults_help	No Search Results Help	
opening-account	Opening An Account	
opluxCancelledEmail	opluxCancelledEmail	
opluxEventNG	opluxEventNG	
ordering-canceling	Changing/Cancelling Orders	
payment	Valid Payment Methods	
privacy-policy	Privacy Policy	
returns	Information About Returns	
search-result-banner	Search Result Banner	
security-policy	Security Policy	

It will appear as follows.

MerchantTools > Content > Content > oplusEventNG

General Folders Page Meta Tag Rules

oplusEventNG

You haven't locked this content for editing. Click [Lock](#) if you need to edit the content.

Click Lock at the top of the page to edit this content asset.

On this page you can edit the general attributes of the content asset. You may select another language to enter values for this language. Fields with a red asterisk (*) are mandatory. Click Apply to save changes. Click Reset to revert your changes.

Select Language: English Edit Site-Specific

Standard

ID: * oplusEventNG

Name:

Description:

Online: Default Yes

Searchable: Default No

Search Engine Optimization Support

Page Title:

Page Description:

Page Keywords:

Page URL:

Sitemap Attributes

Included: Default None

Change Frequency: Default None

Priority: Default (Number) [0.00 - 1.00]

Presentation

Rendering Template:

Custom CSS File:

Content

Body:

```
<div class="hero hamb-down error-hero">
  <h1 class="page-title">お知らせ</h1>
</div>

<div class="container">
  <p class="text-center">ガイドラインによりご購入ができます。</p>
  <p class="text-center">他のお支払方法でご購入ください。</p>
</div>
<div class="row">
  <div class="col-sm-6 offset-sm-3">
```

Year:

[Apply](#) [Reset](#)

[« Back to List](#)

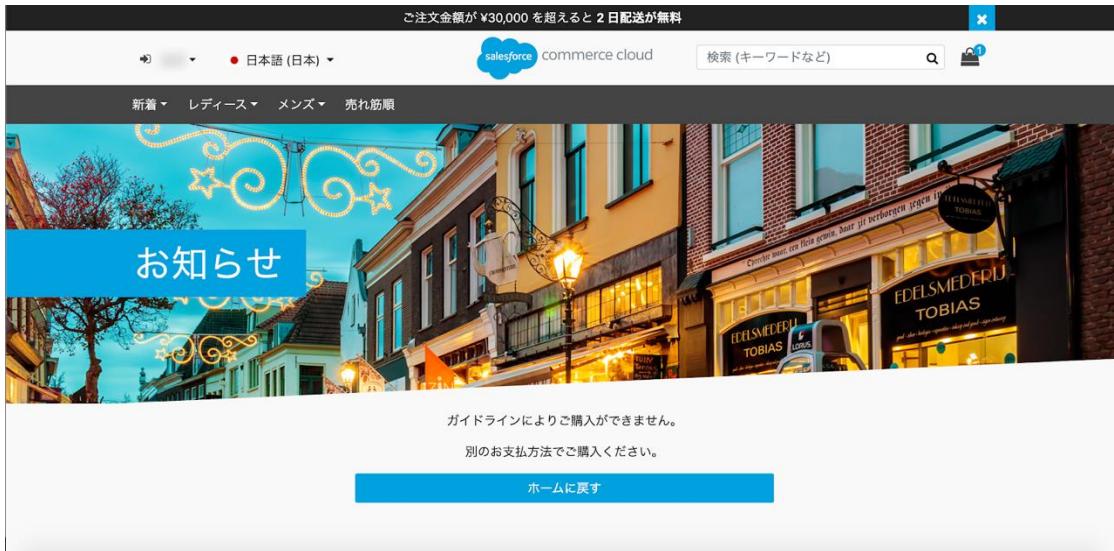
The following information is entered in the Body field.

```
<div class="hero slant-down error-hero">
  <h1 class="page-title">お知らせ</h1>
</div>

<div class="container">
  <p class="text-center">ガイドラインによりご購入ができません。</p>
  <p class="text-center">別のお支払方法でご購入ください。</p>
  <div class="row">
    <div class="col-sm-6 offset-sm-3">
      <a href="$httpsUrl('Home-Show')$" class="btn btn-primary btn-block error continue-shopping" role="button" aria-pressed="true">
        ホームに戻す
      </a>
    </div>
  </div>
</div>
```

3.8.1.2 Sample Error Page

If the order status is “FAILED” as a result of fraud detection, it will be displayed as follows.



3.8.2 opluxCancelledEmail

This is a content asset for sending a cancellation email to the purchaser when the result of re-examination / Manual examination is “NG”.

3.8.2.1 Add Content Assets

Select the site which you want to add content assets in Business Manager.

Then go to **Merchant Tools > Content > Content Assets**.

Salesforce Sandbox - cacco01 RefArchGlobal

Merchant Tools

Administration ▾ Storefront Toolkit

Merchant Tools feature lookup...

Content

- Libraries
- Library Folders
- Content Assets**
- Import & Export
- Page Designer

Customers

- Customers
- Customer Groups
- Snapshots
- Batch Processes
- Import & Export

Custom Objects

- Custom Object Editor
- Batch Processes
- Import & Export

SEO

- URL Rules
- URL Redirects
- Static Mappings
- Dynamic Mappings
- Robots
- Aliases
- Customer CDN Settings

Products and Catalogs

- Products
- Product Sets
- Catalogs
- Product Options
- Variation Attributes
- Recommendations
- Price Books
- Inventory
- Catalog Feeds
- Batch Processes
- Import & Export

Search

- Search Indexes
- Search Index Rebuild Schedule
- Search Index Quality Testing
- Search Dictionaries
- Searchable Attributes
- Search Driven Redirects
- Stop Word Dictionary
- Category Name Exclusions
- Synonym Dictionary
- Hypernym Dictionary
- Compound Word Dictionary
- Common Phrase Dictionary
- Search Suggestions
- Stemming Exceptions
- Keyword Groups
- Sorting Rules
- Storefront Sorting Options
- Search Preferences
- Import & Export

Online Marketing

- Campaigns
- A/B Tests
- Promotions
- Content Slots
- Coupons
- Source Code Groups
- Active Data
- Stores
- Gift Certificates
- Search Preferences
- Gift Certificates
- Sequence Numbers
- Orders
- Coupons
- Promotions
- Deprecated Storefront Toolkit
- Storefront URLs
- Custom Preferences
- Pinterest Commerce
- Privacy
- Customer Service Center Preferences
- Apple Pay

Site Preferences

- Locking
- Baskets
- A/B Tests
- Locales
- Communities
- Source Codes
- Active Data
- Stores
- Gift Certificates
- Search Preferences
- Sequence Numbers
- Orders
- Coupons
- Promotions
- Deprecated Storefront Toolkit
- Storefront URLs
- Custom Preferences
- Pinterest Commerce
- Privacy
- Customer Service Center Preferences
- Apple Pay

Ordering

- Orders
- Taxation
- Payment Processors
- Payment Methods
- Shipping Methods
- Import & Export
- Customer Service Center

Fraud Detection (O-PLUX)

- Orders

Analytics

- Reports and Dashboards (New!)
- Conversion Reports
- Purchase Reports
- Catalog Reports
- Search and Navigation Reports
- Customer Reports
- Traffic Reports
- A/B Testing Reports
- Technical Reports
- Legacy Reports

Click the “New” button.

Salesforce Sandbox - cacco01 RefArchGlobal

Merchant Tools

Administration ▾ Storefront Toolkit

<input type="checkbox"/>	2-day-shipping-popup	2 Day Shipping Information	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	404-banner	404-banner	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	404-callout	404 Callout Message	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	404-service	404-service	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	about-us	About Us	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	account-banner	My Account Banner	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	account-help	Create Account Help	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	apo-fpo	APO FPO	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	as-seen-in-instyle	Instyle	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	as-seen-in-people	People	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	boots-marketing-page	Boots Landing Page	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	buying-guide-digital-camera	Buying Guide for Digital Cameras	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	buying-guide-gps	Buying Guide for GPS Units	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	buying-guide-mp3	Buying Guide for MP3 Players	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="checkbox"/>	buying-guide-tv	Buying Guide for TVs	<input type="button" value="OPT"/> <input type="button" value="Edit"/> <input type="button" value="Delete"/>

New Copy Delete

Show 10 50 All items

[1] [2] [3] [4] [5] [6] [7] Next >

Enter value in “ID” and “Name” fields. The “Name” value will be the title of email.

The screenshot shows the Salesforce Merchant Tools interface under the Content section. A new Content Asset is being created with the following details:

- ID:** oplxCancelledEmail
- Name:** oplxCancelledEmail (highlighted with a red box)
- Description:** (empty)
- Online:** -None-
- Searchable:** -None-

As an example, the content of the email is the “Order Number”, “Customer Name”, and “Amount Refund”.

The screenshot shows the configuration of a Content Asset with the following settings:

- Included:** -None-
- Change Frequency:** -None-
- Priority:** (Number) [0.00 - 1.00]

Presentation

- Rendering Template:** (empty)
- Custom CSS File:** (empty)

Content

Body:

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<head>
</head>
<body>
<p>注文番号:[orderNumber]</p>
<p>customerName:[customerName]</p>
<p>amountRefund:[amountRefund]</p>
</body>
</html>
```

HTML Editor

Year: (empty)

Buttons: Apply, Cancel

3.8.2.2 Code Modification

Please refer to the sample code below for customization.

Note : The example uses “orderNumber”, “customerName”, and “amountRefund” in step 3.8.2.1. Please modify according to the environment.

- Customize **int_oplux/cartridge/scripts/utils/mailHelpers.js**

```
/**  
 * Send Oplux email notification  
 * @param {dw.order.Order} order - The current order  
 * @param {string} subject The email subject  
 * @returns {void}  
 */  
  
function sendCancelEmail(order, subject) {  
    if (order && !order.custom.oplux_customer_notification_mail_sent_flag) {  
        var Transaction = require('dw/system/Transaction');  
        var email = order.customerEmail;  
        var contentData = {  
            customerName: order.getCustomerName(),  
            orderNumber: order.getOrderNo(),  
            amountRefund: order.getTotalGrossPrice().getValue()  
        };  
  
        sendContentEmail(email, 'opluxCancelledEmail', contentData, subject);  
  
        Transaction.wrap(function () {  
            order.custom.oplux_customer_notification_mail_sent_flag = true;  
        });  
    }  
}
```

3.9 Log Settings

3.9.1 Output

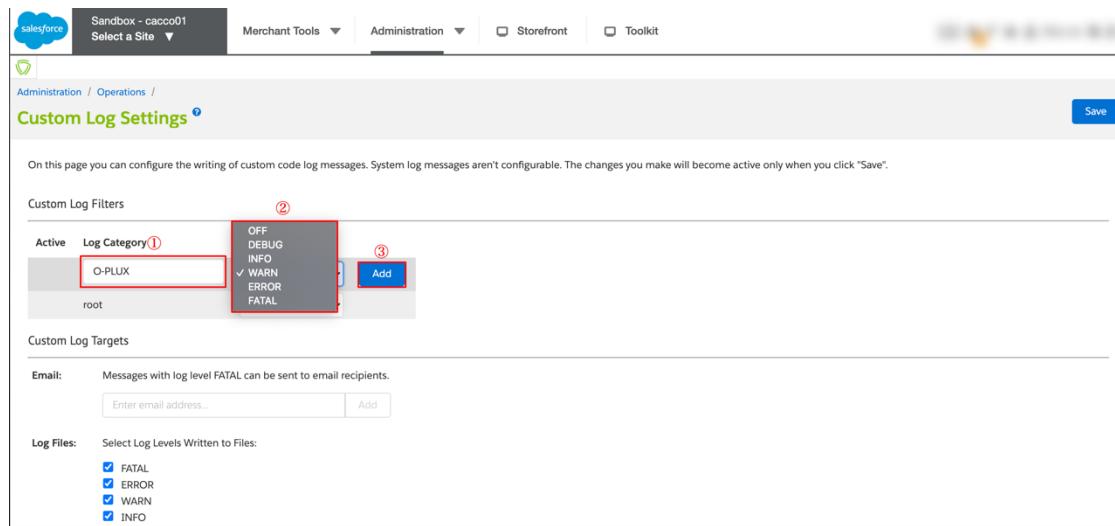
In Business Manager, go to **Administration > Operations > Custom Log Settings**.

The screenshot shows the Salesforce Business Manager navigation bar. The 'Administration' menu item is highlighted with a red box. Below it, the 'Operations' section is expanded, and the 'Custom Log Settings' item is also highlighted with a red box.

It will be displayed as follows.

The screenshot shows the 'Custom Log Settings' page. At the top, there is a 'Save' button. The page contains two main sections: 'Custom Log Filters' and 'Custom Log Targets'. In the 'Custom Log Filters' section, there is a table with columns 'Active', 'Log Category', and 'Log Level'. A new row is being added, with 'Enter a log category...' in the 'Log Category' field and 'WARN' in the 'Log Level' dropdown. In the 'Custom Log Targets' section, there is a 'Email:' field with a note: 'Messages with log level FATAL can be sent to email recipients.' Below it is a 'Log Files:' section with checkboxes for 'FATAL', 'ERROR', 'WARN', and 'INFO'.

Add custom log filter settings. Enter “O-PLUX” in the log category, set the log level, and then click the “Add” button.



Salesforce - Sandbox - cacco01
Merchant Tools Administration Storefront Toolkit

Administration / Operations / Custom Log Settings

On this page you can configure the writing of custom code log messages. System log messages aren't configurable. The changes you make will become active only when you click "Save".

Custom Log Filters

Active	Log Category ①	②
Active	O-PLUX	OFF DEBUG INFO ✓ WARN ERROR FATAL
	root	③ Add

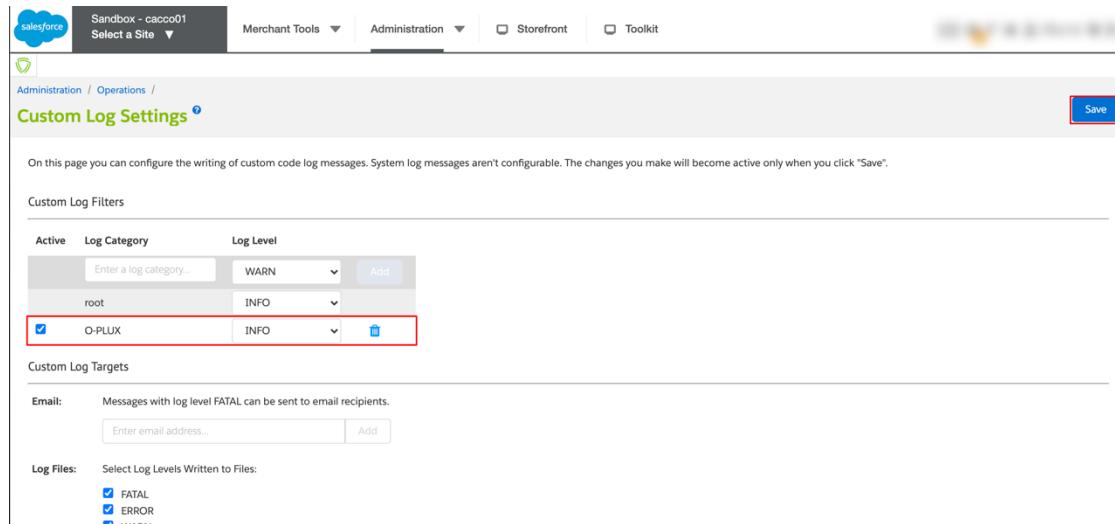
Custom Log Targets

Email: Messages with log level FATAL can be sent to email recipients.
Enter email address... Add

Log Files: Select Log Levels Written to Files:
 FATAL
 ERROR
 WARN
 INFO

Save

Click the “Save” button to save the custom log settings.



Salesforce - Sandbox - cacco01
Merchant Tools Administration Storefront Toolkit

Administration / Operations / Custom Log Settings

On this page you can configure the writing of custom code log messages. System log messages aren't configurable. The changes you make will become active only when you click "Save".

Custom Log Filters

Active	Log Category	Log Level
	Enter a log category...	WARN Add
	root	INFO
<input checked="" type="checkbox"/>	O-PLUX	INFO

Custom Log Targets

Email: Messages with log level FATAL can be sent to email recipients.
Enter email address... Add

Log Files: Select Log Levels Written to Files:
 FATAL
 ERROR
 ...

Save

3.9.2 Check log files

In Business Manager, **Administration > Site Development > Development Setup**.

The screenshot shows the Salesforce Business Manager Administration interface. The top navigation bar includes links for Merchant Tools, Administration, Storefront, and Toolkit. The main content area has a search bar labeled "Administration feature lookup...". On the left, there are several navigation categories: Replication (Data Replication, Code Replication), Sites (Manage Sites, Customer Lists, Content Libraries, Batch Processes, Embedded CDN Settings), Organization (Organization Profile, Users, Roles & Permissions, Permission Audit, WebDAV Client Permissions), and Global Preferences (Locales, Instance Time Zone, Change History, OAuth2 Providers, Security, JavaScript in Attributes, Store Locator Data, Feature Switches, Order Search, Sequence Numbers, Products, Retention Settings, Import & Export, Global Timeouts, Custom Preferences, Einstein Search Dictionaries Opt-in, Analytics, Cross Cloud). The "Development Setup" link under Site Development is highlighted with a red box. Below this, there is a section titled "WebDAV Access" with instructions: "Click the URL to access the directory using WebDAV. When prompted for a username and password, enter your Business Manager credentials."

It will be displayed as follows.

The screenshot shows the Salesforce Business Manager Administration interface, specifically the Site Development > Development Setup page. The top navigation bar includes links for Merchant Tools, Administration, Storefront, and Toolkit. The page title is "Development Setup". Below the title, there are tabs for "Development Setup" (which is selected) and "Folder Browser". A section titled "Commerce Cloud Development Setup" contains the text: "Please download and install the latest version of the [Commerce Cloud UX Studio](#) that's compatible with version 20.9 of Commerce Cloud Server." A "Storefront Toolkit" section provides information about the new toolkit and recommends disabling the deprecated toolkit. At the bottom, there is a "WebDAV Access" section with instructions: "Click the URL to access the directory using WebDAV. When prompted for a username and password, enter your Business Manager credentials."

Click the URL of the Log Files for WebDAV Access.

The screenshot shows the 'WebDAV Access' page with a list of log categories:

- Log Files**: Log messages from system and custom code. A red box highlights the download icon for this category.
- Security Log Files**: Security log messages.
- Import/Export**: Files with import or export data.
- Customer Snapshots**: Files with customer data, such as profiles, orders, and lists. Includes a link to the URL: <https://cacco01-tech-prtnr-ap01-dw.demandware.net/on/demandware.servlet/webdav/Sites/CustomerSnapshots/{Site Name}>, for example SiteGenesis.
- Temp**: Temporary files for the instance.

It will be displayed as follows.

The screenshot shows the 'Development Setup' page under 'Administration / Site Development / Development Setup'. It displays a list of log files in a 'Folder Browser' view:

Name	Size	Last Modified	Actions
codeprofiler		8/18/20 6:29:02 am	Download
notification		8/17/20 9:48:04 pm	Download
analyticsengine-blade3-2.mon.demandware.net-0-appserver-20200810.log	4.08 KB	8/10/20 7:45:01 pm	Download
analyticsengine-blade3-2.mon.demandware.net-0-appserver-20200811.log	4.08 KB	8/11/20 7:45:01 pm	Download
analyticsengine-blade3-2.mon.demandware.net-0-appserver-20200812.log	4.08 KB	8/12/20 7:45:01 pm	Download

There are two types of O-PLUX log files.

- custom-OPLUX-xxxx.log
- custom-OpluxJobLog-xxxx.log

Name	Size	Last Modified	Actions
custom-OPLUX-blade3-2.mon.demandware.net-0-appserver-20200811.log	8.04 KB	8/10/20 9:58:09 pm	
custom-OPLUX-blade3-2.mon.demandware.net-0-appserver-20200818.log	218.69 KB	8/18/20 2:06:29 am	
custom-OpluxJobLog-blade3-2.mon.demandware.net-0-appserver-20200818.log	998 B	8/18/20 5:51:53 am	
service-oplux-blade3-2.mon.demandware.net-0-appserver-20200811.log	671 B	8/10/20 9:58:09 pm	

4. Troubleshooting

If the OPLUX service is not functioning, one configuration "oplux_order_status_for_api_error_limit (handling order status when an event registration API error occurs)" must be provided to handle order status. The default value for this setting is to abort the automatic review process and proceed to the next process.

If you wish to change the setting, please follow the steps below.

1. Select the site in Business Manager where you want to use the fraud detection service.
2. Navigate to **Merchant Tools > Site Preferences > Custom Preferences > OpluxConfigs.**
3. Select and set any status on error for oplux_order_status_for_api_error_limit.

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名前	値	デフォルト値	
oplux_shop_id	SPOORUBY-GROUP		サイト全体で編集
(oplux_shop_id)	(文字列)		
OPLUXで利用する加盟店様のID。運用開始前にご連絡いたします。			
oplux_api_call_timing	決済完了後 (AFTER_PAYMENT)	決済完了後	サイト全体で編集
(oplux_api_call_timing)			
oplux_order_status_for_api_error_limit	<input checked="" type="checkbox"/> なし 注文成功 (OK) 注文成功(出荷保留) (HOLD) 注文失敗 (FAILED)		
(oplux_order_status_for_api_error_limit)			サイト全体で編集
審査のイベント登録リクエストがエラーしてリトライ回数も上限に達した場合の注文ステータス			
oplux_order_status_for_review_hold	なし	注文成功(出荷保留)	サイト全体で編集
(oplux_order_status_for_review_hold)			
審査結果がREVIEW/HOLDの場合に設定する注文のステータスの指定。			
oplux_run_background_job	はい	いいえ	サイト全体で編集
(oplux_run_background_job)			