

Utility: CSP Bulk Upload (V1) - User Guide

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Version history:

Version	Change By	Change Date	Description
draft	Dhriti Ghosh (dhriti.ghosh@ kroger.com)	12 Aug 2019	Draft version of the Bilk Upload User Guide

Environments:

Environment	URL	Type
dev	https://implivedev.cfhdccinternaltest.kroger.com/	PCF
test		PCF
stage		PCF
prod		

Navigation:

URI	Navigation
/csvupload	home > Upload From CSV (Under Add menu)

Objective and Features:

This functionality is developed to enable self serve bulk image uploading to Content Services Platform. The expected file format is CSV (Comma Separated Values).

- Bulk Image upload utility.
- Easy visual presentation of uploaded CSV image records.
- Validation of the CSV records before submitting those for processing.
- Downloadable status report of the images submitted for processing.
- Instant Content Service Platform URL for viewing images immediately after processing.

Layout:

View No. 1 - Initial Screen:

CSP Bulk(CSV) Upload

[+ Upload CSV](#)[Submit](#)[Clear](#)

View No. 2 - After Uploading a acceptable CSV file:

CSP Bulk(CSV) Upload

[+ Upload CSV](#)[+ Upload Images](#)[Submit](#)[Clear](#)

File Provided	Upload Status	Image Id	File Name	GTIN	View Angle	Size	Background	Last Modified
	Not Started		00071435647412.jpg	00071435647412	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00071435647474.jpg	00071435647474	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00071896645521.jpg	00071896645521	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00073917645008.jpg	00073917645008	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00074470649342.jpg	00074470649342	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00074851647288.jpg	00074851647288	Front	2756x3187	White	2019-08-14 10:00:00

View No. 3 - After Uploading all of the Image Files:

CSP Bulk(CSV) Upload

[+ Upload CSV](#)[+ Upload Images](#)[Submit](#)[Clear](#)

File Provided	Upload Status	Image Id	File Name	GTIN	View Angle	Size	Background	Last Modified
	Not Started		00071435647412.jpg	00071435647412	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00071435647474.jpg	00071435647474	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00071896645521.jpg	00071896645521	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00073917645008.jpg	00073917645008	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00074470649342.jpg	00074470649342	Front	2325x3150	White	2019-08-14 10:00:00
	Not Started		00074851647288.jpg	00074851647288	Front	2756x3187	White	2019-08-14 10:00:00

View No. 4 - After Hitting Submit:

CSP Bulk(CSV) Upload

[+ Upload CSV](#)[+ Upload Images](#)[Submit](#)[Clear](#)

Warning: Upload is in progress. Please DO NOT hit back, refresh or any other button in this window. Progress will be lost!

File Provided	Upload Status	Image Id	File Name	GTIN
✓	Successful: 200 - FAILUREWITHDUPLICATES	845a27c2-1162-412d-b799-78a921df07ea	00071435647412.jpg	00071435647
✓	Successful: 200 - FAILUREWITHDUPLICATES	5097193f-05d0-4dbd-ac5f-2da0edbf5454	00071435647474.jpg	00071435647
✓	In Progress		00071896645521.jpg	00071896645
✓	In Progress		00073917645008.jpg	00073917645
✓	In Progress		00074470649342.jpg	00074470649
✓	In Progress		00074851647288.jpg	00074851647

View No. 5 - Post processing:

CSP Bulk(CSV) Upload

[+ Upload CSV](#)[+ Upload Images](#)[Submit](#)[Clear](#)

File Provided	Upload Status	Image Id
✓	Successful: 200 - FAILUREWITHDUPLICATES	845a27c2-1162-412d-b799-78a921df07ea
✓	Successful: 200 - FAILUREWITHDUPLICATES	5097193f-05d0-4dbd-ac5f-2da0edbf5454
✓	Successful: 200 - FAILUREWITHDUPLICATES	fbce716e-cc75-41af-9508-8a2ba15c009c
✓	Successful: 200 - FAILUREWITHDUPLICATES	4baf8324-db48-4424-b57c-f8c22572b5d4
✓	Successful: 200 - FAILUREWITHDUPLICATES	0dcc3b2-59b9-433e-b0f6-940719da2af1
✓	Successful: 200 - FAILUREWITHDUPLICATES	aa03d2f1-8575-4a1c-91c3-62b6cdd5c780

View No. 6 - Sample Error:

CSP Bulk(CSV) Upload



+ Upload CSV

Submit

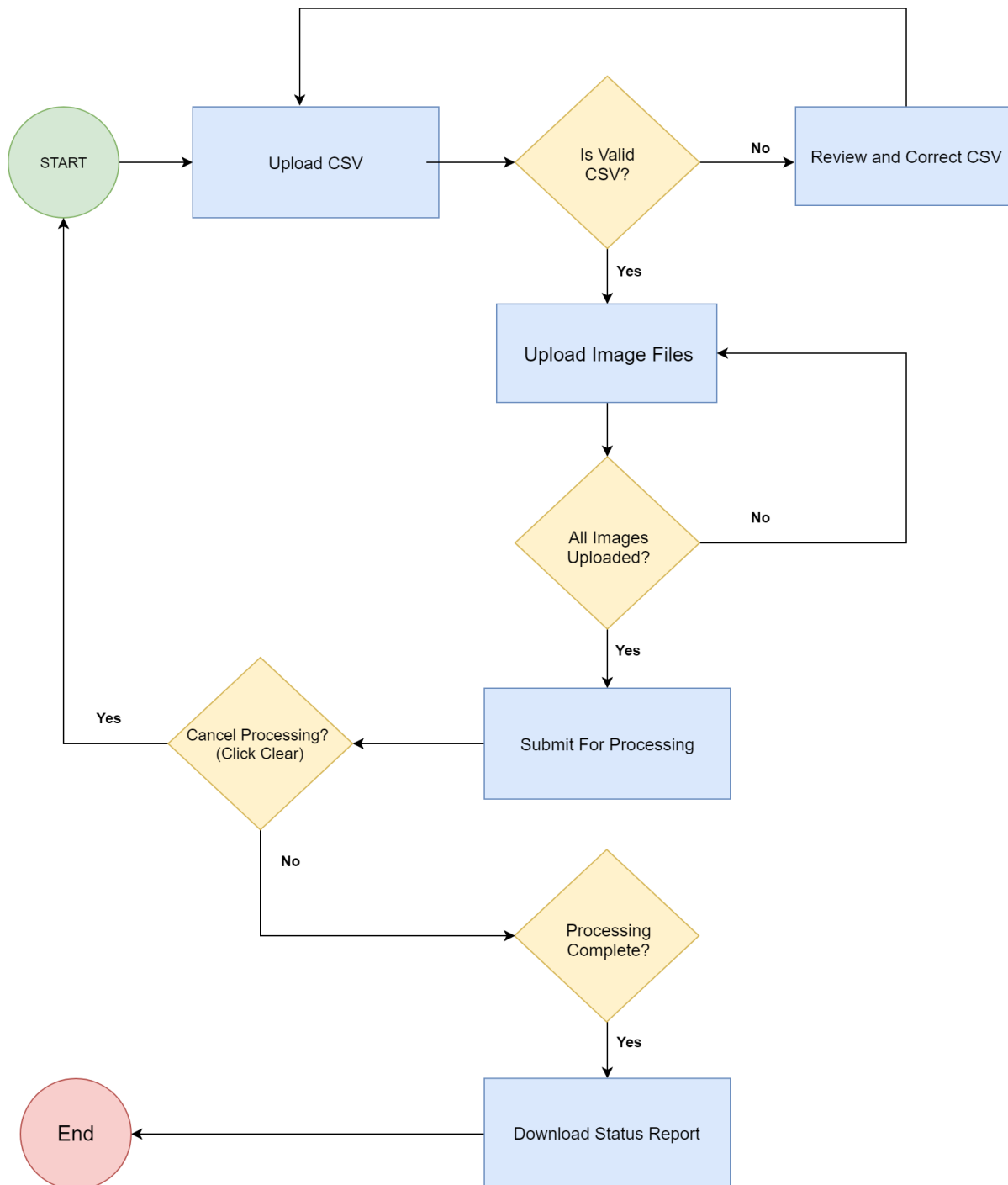
Clear



Invalid data format: The provided CSV data format is invalid. The column headers should be present exactly in the following ORDER and SPELLING, GTIN, VIEW_ANGLE, SIZE, BACKGROUND, LAST_MODIFIED_DT, DESCRIPTION, UPC_10, UPC_12, UPC_13, SOURCE, IMAGE_TYPE, FILE_NAME, COLOR_PROFILE



Flow Diagram:



CSV File Format:

The CSV file must maintain a particular header and data format. The first row/line of the CSV file must contain the following,

CSV format
GTIN,VIEW_ANGLE,SIZE,BACKGROUND,LAST_MODIFIED_DT,DESCRIPTION,UPC_10,UPC_12,UPC_13,SOURCE,IMAGE_TYPE,FILE_NAME,COLOR_PROFILE

Sample CSV file:




Validations and warning:

Validation:

Message	Reason
Invalid File Extension: Provided file extension is invalid, the only supported extension is '.csv'	Only files having extension '.csv' is allowed to get uploaded using 'Upload CSV' Button
Invalid data format: The provided CSV data format is invalid. The column headers should be present exactly in the following ORDER and SPELLING, GTIN, VIEW_ANGLE, SIZE, BACKGROUND, LAST_MODIFIED_DT, DESCRIPTION, UPC_10, UPC_12, UPC_13, SOURCE, IMAGE_TYPE, FILE_NAME, COLOR_PROFILE	The CSV must contain records having the following headers having the exact spelling and order, GTIN, VIEW_ANGLE, SIZE, BACKGROUND, LAST_MODIFIED_DT, DESCRIPTION, UPC_10, UPC_12, UPC_13, SOURCE, IMAGE_TYPE, FILE_NAME, COLOR_PROFILE
Validation error: Duplicate filenames present in the provided CSV	To different rows in a CSV cannot have same file names.
Validation error Row No. XX [Length of GTIN should be 14 characters]	GTIN(s) provided on csv file must have a length of 14 digits.
Validation error Row No. XX [GTIN should be in digits]	GTIN(s) provided on csv file must only contain digits.
Validation error Row No. XX [VIEW_ANGLE should be present]	For every record on CSV file VIEW_ANGLE value must be present.
Validation error Row No. XX [SIZE should be in the following format: HeightXWidth or HeightxWidth or Height*Width [Example: 1000X1000 or 100x100 or 10*10]	For every records on CSV file SIZE value must be present and it should in one of the following format, heightXwidth heightxwidth height*width height X width height x width height * width
Validation error Row No. XX [BACKGROUND should be present]	For every record on CSV file BACKGROUND value must be present.
Validation error Row No. XX [LAST_MODIFIED_DT should be in the following format (if Present): yyyy-mm-dd or mm/dd/yyyy]	LAST_MODIFIED_DT field is optional (if not present current system date will be considered) But if LAST_MODIFIED_DT is present it must be in the following format, yyyy-mm-dd or mm/dd/yyyy
Validation error Row No. XX [DESCRIPTION should be present]	For every record on CSV file DESCRIPTION value must be present.
Validation error Row No. XX [SOURCE should be present]	For every record on CSV file SOURCE value must be present.
Validation error Row No. XX [IMAGE_TYPE should be present]	For every record on CSV file IMAGE_TYPE value must be present.
Validation error Row No. XX [FILE_NAME should be present]	For every record on CSV file FILE_NAME value must be present.
Validation error Row No. XX [COLOR_PROFILE should be present]	For every record on CSV file COLOR_PROFILE value must be present.
Invalid File Name: Image file name XXXXXXXXX is not present on the provided CSV	The image files which are selected by the user to be uploaded must have the any one of the file names present on the CSV.

Warning:

After submitting the the images for Content Services Platform processing, the page issues the following warning,

 **Warning:** Upload is in progress. Please DO NOT hit back, refresh or any other button in this window. Progress will be lost!

While the upload is in progress navigating to any other link using the same window will **stop** the entire upload process.

Buttons:





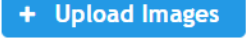





Button	Description	State	Reason
	Upload CSV file	Enabled , Visible	On loading of the page the 'Upload CSV' button will be enabled to upload a CSV file in the webpage.
	Upload CSV file	Disabled , Visible	Once CSV file is successfully validated the button will be disabled and 'Upload Images' button will be enabled.
	Upload Images	Hidden	Until CSV file is successfully validated the 'Upload CSV' button will be hidden.
	Upload Images	Enabled , Visible	Once CSV file is successfully validated the 'Upload CSV' button will be disabled and 'Upload Images' button will be visible and enabled.
	Upload Images	Disabled , Visible	Once the Submit button is clicked, no further image uploading is allowed, hence the 'Upload Images' button will be disabled.
	Submit for processing to Content Services Platform	Disabled , Visible	Until all the image files listed on the CSV file are uploaded the 'Submit' button will remain disabled.
	Submit for processing to Content Services Platform	Enabled , Visible	Once all the image files listed on the CSV is uploaded to the web page, the 'Submit' button will be enabled to submit the images and the CSV for processing.
	Clear the page	Enabled , Visible	'Clear' Button will always be visible and enabled. Caution: clicking this button while the processing is still in progress, will stop the processing that is happening at that time.
	Download upload status report	Hidden	'Download report' button will be hidden until the processing is completely finished.
	Download upload status report	Enabled , Visible	'Download report' button will be visible once the processing is completed at CSP end.

Table Fields - File Provided, Upload Status and Image ID:

File Provided:

Status	Description
	Image provided by the user
	Image not provided by the user

Upload Status:

Status	Color Code	Sample Status
Not Started	Blue	Not Started

In progress	Yellow	In Progress
Failure	Red	Failed: 2005 - The provided field [IMP_RES_DPI=-1] does not match technical specification.
Success	Green	Successful: 200 - FAILUREWITHDUPLICATES

Image ID:

Image ID column will be auto-populated once a successful processing occurs. The Image ID is an unique ID but which an Image can be identified in Content Services Platform. This ID is also act as a hyperlink and by clicking this link a new tab will be opened showing the actual image uploaded at CSP owned web location.

Upload Status Report:

Once all the processing is done a status report can be downloaded by clicking on the "Download Report" button located on the upper right corner of the CSV table.

Sample Status report:

