

Agile Product Lifecycle Management for Process

Content Synchronization and Syndication User Guide

Release 5.2

Part No. E10999-01

February 2008

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February 15, 2008

DOCUMENT CONTROL

Change Record

Date	Author	Revision	Change Reference
Sept-07	Agile/Oracle	1.0	Initial release, Part No. TPPR-0055-5.1A
Feb-08	Oracle	2.0	Second release, Part No. E10999-01

CONTENTS

About This Manual

Agile Product Lifecycle Management for Process Documentation	vii
Audience	vii
Variability of Installations	vii
Where to Find Information	viii
Readme	viii
Agile Training	viii
Document Conventions	ix

Chapter 1 Introduction

The Content Synchronization and Syndication Application	1-1
Touch Points with Other Applications	1-1
Global Specification Management	1-2

Chapter 2 Using Content Synchronization and Syndication

What are Publications (TIPs)?	2-1
Internal Publications	2-1
External Publications	2-2
Workflow	2-2
Extended Attributes	2-2
Validations	2-2
Message Generators	2-2
Message Transporters	2-2
Message Reconcilers	2-2
Action Items	2-3
Creating New Publications in GSM	2-4
Trade Item Page	2-6
Summary Tab	2-6
Summary Information Section	2-7
Extended Attributes Section	2-7
Adding Extended Attributes	2-7
Attribute Overrides Section	2-10
Catalog Responses Section	2-11
Signatures/Approval Tab	2-11
Validation	2-13
Validating a Publication	2-13
Workflow	2-14
Mass Workflow Tab	2-14
Mass Publications	2-16
Mass Tip Creation	2-17
Summary Information Section	2-17
Specification(s) Section	2-18

ABOUT THIS MANUAL

Agile Product Lifecycle Management for Process Documentation

The Agile Product Lifecycle Management (PLM) for Process documentation set includes user guides, an administrator's guide, and release notes, all in Adobe® Acrobat™ PDF format. The Oracle Documentation Web site contains the latest versions of the Agile PLM for Process PDF files. You can view or download these manuals from the Web site, or you can ask your administrator if there is an Agile PLM for Process Documentation folder available on your network from which you can access the documentation (PDF) files. Visit the Oracle documentation Web site at:

<http://www.oracle.com/technology/documentation/index.html>

Note The minimum software requirement for reading the PDF files is Adobe Reader™ version 6.0. You can download this free program from www.adobe.com.

If you need additional assistance or information, please contact support@agile.com or phone (408) 284-3900 for assistance.

Before calling Agile Support about a problem with an Agile PLM for Process manual, please have ready the full part number, which is located on the cover.

Audience

This user guide is intended for end users who are responsible for creating and managing information in Agile Product Lifecycle Management for Process. Information about administering the system resides in the *Agile Product Lifecycle Management for Process Administrator User Guide*.

Variability of Installations

Descriptions and illustrations of the Agile PLM for Process user interface included in this manual may not match your installation. The user interface of Agile PLM for Process applications and the features included can vary greatly depending on such variables as:

- ❑ Which applications your organization has purchased and installed
- ❑ Configuration settings that may turn features off or on
- ❑ Customization specific to your organization
- ❑ Security settings as they apply to the system and your user account

Where to Find Information

Consult the table below to find specific information from the relevant Agile PLM for Process information source.

Table 1: Agile PLM for Process documentation topics, by source

Information type	CSS User Guide	Admin. User Guide	Readme file	Agile training	Agile Help Desk	Agile sales rep
Administering Agile PLM for Process		●		●		
Cache management		●				
Content synchronization and syndication	●					
Core data management		●				
Creating specifications				●		
Custom data management		●				
Extended attributes	●	●		●		
Feature requests					●	●
Group management		●				
Installing Agile PLM for Process				●		●
Known issues			●			
Last-minute changes			●			
Managing specifications				●		
Printing				●		
Resolved issues			●			
Publications	●					
System-based roles		●				
System requirements			●			
Technical support					●	
Trade item publications	●					
Using the CSS application	●			●		

Readme

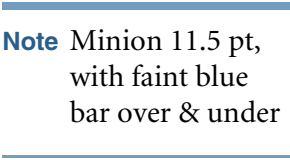
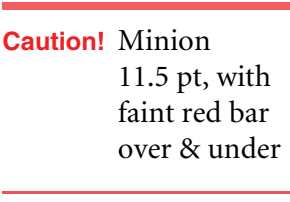
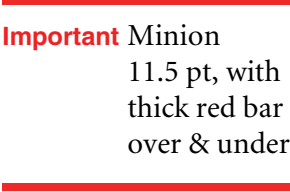
Any last-minute information about Agile PLM for Process can be found in the Readme file on the Oracle documentation Web site (<http://www.oracle.com/technology/documentation/index.html>).

Agile Training

Agile offers end user, administrator, developer, and implementation training courses. For more information, contact your Agile project manager or sales representative.

Document Conventions

The following formatting elements appear in Agile PLM for Process documentation.

Element	Meaning
Helvetica Condensed, 9 pt. bold type	A user interface (UI) element that a procedure is instructing you to click, select, or type into. For example, buttons or text entry fields.
9 pt. monospace font	Code samples
10 pt. monospace font	File names or directory names
<i>Blue italic font</i>	The linked portion of a cross-reference. Click it to go to the referenced heading, table, or figure.
Minion Typeface, Title Case	A named UI element that a procedure is describing but not instructing you to click, select, or type into.
 Note Minion 11.5 pt, with faint blue bar over & under	Alerts you to supplemental information.
 Caution! Minion 11.5 pt, with faint red bar over & under	Alerts you to possible data loss, breaches of security, or other more serious problems.
 Important Minion 11.5 pt, with thick red bar over & under	Alerts you to supplementary information that is essential to the completion of a task.

Introduction

This chapter presents an overview of Content Synchronization and Syndication and describes a few basic features. Topics in this chapter include:

- *The Content Synchronization and Syndication Application*
 - *Touch Points with Other Applications*
-

The Content Synchronization and Syndication Application

Content Synchronization and Syndication (CSS) publishes, or syndicates, a subset of Global Specification Management (GSM) specification data to external or downstream systems from Agile PLM for Process. CSS typically syndicates this data using an XML-based format. CSS supports several distribution methods. It allows syndication of a subset of GSM specification data to distributed enterprise systems, trading partners, and industry exchanges, such as 1Sync. CSS helps distribute core GSM specification data to enable downstream business processes.

CSS syndicates GSM specification data to downstream systems based on specific configurable publication targets.

CSS is integrated into the process of developing publishable specifications within GSM. As specifications are developed, they can be syndicated to configured publication target systems. These publications, or target destinations, can be internal or external systems. Additionally, CSS syndication message requests, or publications, can be tied to a workflow. These publication workflows can be integrated with GSM specification workflows. This allows a publication to move to a different state in the workflow automatically when the specification the publication is tied to reaches a customer-defined state in the specification workflow.

For general information on using Agile PLM for Process software, see the *Agile Product Lifecycle Management for Process Getting Started Guide*.

Touch Points with Other Applications

Use Content Synchronization and Syndication (CSS) in conjunction with the Global Specification Management (GSM) application to syndicate specification data.

Global Specification Management

You can create and manage CSS publications on the following Global Specification Management (GSM) specifications:

- Trade specifications
- Process specifications
- Ingredient specifications
- Packaging material specifications
- Printed packaging specifications

See [Creating New Publications in GSM](#) on page 2-4, or for more information, refer to the *Agile Product Lifecycle Management for Process Global Specification Management User Guide*.

Using Content Synchronization and Syndication

This chapter describes the capabilities and applied uses of the Content Synchronization and Syndication product. It includes the following topics:

- ❑ *What are Publications (TIPs)?*
 - ❑ *Creating New Publications in GSM*
 - ❑ *Trade Item Page*
 - ❑ *Validation*
 - ❑ *Workflow*
-

What are Publications (TIPs)?

Publications are preconfigured objects that define the final destination of the data being syndicated. These publications are referred to as TIPs, or Trans-active Item Publications.

Use publications to send specification data to internal and external systems using a standard output structure. You can configure publications to tailor the transport mechanism, message, and TIP workflow to fit your individual needs.

Internal Publications

Internal publications refer to systems that reside at the same company, such as an ERP or other back-end system. You can create internal publications for supported specification types. You can configure publications for trade and process specifications so that select pieces of the trade and process hierarchies are syndicated. You can choose which components of the hierarchy you wish to publish and create the publications all at once, and you can select what specifications to publish down to the top level process specification. If a top level process specification is selected, the entire hierarchy below will be syndicated automatically.

External Publications

External publications refer to systems outside of the company. An example of an external syndication is 1Sync, or any other Global Data Synchronization Network (GDSN) compliant data pool. External syndications only create a publication on the specification you specifically request. It is a configuration option to automatically create publications on child specifications based on workflow rules if you determine that is a requirement.

The following sections define many of the configurations that are available to tailor publications to your specific needs.

Workflow

Publication workflows are built to assist in the management of publications. Publication workflows give you the ability to configure actions like email notifications, permissions, transitions, and statuses for publications.

Publication workflows are associated with GSM workflows to create a more automated syndication environment. This feature enables a publication to transition in the workflow automatically when the specification it is tied to reaches a particular workflow state.

Extended Attributes

Extended attributes can be added to publications.

Validations

You can define different validation rules to run against a publication using validators. Validators are software components that are “plugged in” through a configuration file. This feature enables you to perform validation on a publication before sending the data to a target system.

Message Generators

You can configure publications to use different message formats for each publication. This feature enables different message structures to be provided based on where the data is destined.

Message Transporters

You can define different transport options for configured publication paths. This feature enables messages to be delivered based on the transport requirements of the target system.

Message Reconcilers

You can define different reconciler options for each publication path. This feature enables different message conversations to be handled and reconciled accordingly.

Action Items

To access the Action Items page, click **CSS > Action Items** from the left navigation panel. The Action Items page displays a list of all publications that identify you as the current owner. You can open a publication by clicking the linked title in the first column. To re-sort the contents of the page, click on the linked column title you wish to sort by and the contents of the Action Items page will be re-sorted.

Figure 2-1: Action Items, CSS

Action Items					
Action Items		Mass Workflow			
Trade Item Publications			These column titles are commonly used CSS fields.		
Title	Trade/Spec Type	GTIN/UPC/EAN	Trading Partner	Status	Last Updated
apples in a bag2	Ingredient Specifications		Prodika Syndication Webservice	Syndication	6/7/2007 11:37:21 AM
BBQ Beef and Vegetable Dinner - 11 oz for Syndication	Consumer Unit	12345678909879	All Retailers	Catalog Admin Review	10/2/2007 9:26:54 AM

For information on the Mass Workflow tab, refer to *Mass Workflow Tab* on page 2-14.

Creating New Publications in GSM

Single publications for supported specifications are not created from the CSS application. Publications (TIPs) are actually created on the CSS tab of specifications in GSM. Once created, these publications can be managed on the CSS tab of the specification or they can be managed inside the CSS application. Publications are validated in GSM. Refer to [Validation](#) on page 2-13 for more details. For more information on GSM, see the *Agile Product Lifecycle Management for Process Global Specification Management User Guide*.

To create a new publication:

- 1 Click the **CSS** tab on the specification to be syndicated, as shown in figure 2-2 below.

Figure 2-2: CSS tab

(trd) 5077539-001 - BBQ Beef and Vegetable Dinner - 11 oz (Packaging Engineering Review)

Summary Packaging Compliance Related Specs **CSS** Supporting Documents References Approval/Audit Trail

Initial Publication

	Trading Partner	Publication Type	Target Market	Initial Publication	Last Updated	Info Provider	Manufacturer	Current Status
	US » PDK » Prodika Syndication WebService - PDK_WS	Initial Load	US	-----	10/16/2007	CPI	CPI	Draft GS1:

Add New Validate For Publication

- 2 Click **Add New**. The publications requirements dialog box displays, as figure 2-3 shows below:

Figure 2-3: Publications requirements

Done Cancel

Manufacturer:

Publication Type: ☒ Initial Load ☐ New

AU

GB

NZ

US

PDK_WS

☒ US » GF » GF Inc Syndication WebService - GF_WS

UCC

☐ US » UCC » Foodco - 0041163000001

☐ US » UCC » Tasty Day Foods - 0925795000014

3 Specify the following required data:



- **Manufacturer**—Defines the source of the data being syndicated. For Global Data Synchronization Network (GDSN) compliant target systems, this is the Global Locator Number (GLN) of the information provider.
- **Publication Type**—Used for GDSN compliant target systems. Typically this is used to tell retailers if it is the first time they have received this product information or if they already have it and should update their information.
- **Publication Path**—Defines the destination for the syndicated data. Publications are organized by target market. Target market is a GDSN term used to indicate the country where the trade item is available for sale. For example, the US and Canada are two different target markets.

Note This information resides on the Summary tab of the saved publication. See figure 2-5, *Summary tab*, on page 2-6 for more information.

4 Click **Done**. This creates the publication.

5 Click **Save**. The publication will now be included in the publication table on the CSS tab of GSM, as figure 2-4 shows below. The default starting status for publications depends on the configuration of the publication workflow. For more information on publication workflows, see *Workflow* on page 2-14.

Figure 2-4: Initial publications

<div> Edit Document Create New Copy CACS Print Act Resolve Workflow Item History Workflow </div>									
(trd) 5077539-001 - BBQ Beef and Vegetable Dinner - 11 oz (Packaging Engineering Review)									
<div> Summary Packaging Compliance Related Specs CSS Supporting Documents References Approval/Audit Trail </div>									
Initial Publication									
	Trading Partner	Publication Type	Target Market	Initial Publication	Last Updated	Info Provider	Manufacturer	Current Status	
	US » PDK » Prodika Syndication WebService - PDK_WS	Initial Load	US	-----	11/19/2007	CPI	CPI	Draft G51:	
	US » UCC » SuperValu (Anniston, AL) - 0041130051623	Initial Load	US	-----	11/19/2007	CPI	CPI	Draft G51:	
<div> Add New Validate For Publication </div>									

To work with the newly created publication, click the publication link in the Trading Partner column. Clicking the link opens a dialog box in the CSS application.

Note You cannot view publications with a current status of “Draft”. Statuses are controlled and updated automatically by the publication workflow.

Trade Item Page

Summary Tab

Once the initial publication is created, it expands into the Trade Item page in CSS, shown in figure 2-5 below. You can also access this page by clicking a hyperlinked title in the CSS Action Items list.

Figure 2-5: Summary tab

The screenshot shows the 'Trade Item - 5082441-001 - BBQ Beef and Vegetabl...' page. At the top right are 'Edit' and 'Workflow' buttons. Below the title is a tab bar with 'Summary' (selected), 'Signatures', and 'Approval'. The main content area is divided into several sections:

- Summary Information:** A list of key-value pairs including Trade Item, Status, GS1 Status, Target Market, Trading Partner, Information Provider, Manufacturer, Item Type, and Last Updated.
- Extended Attributes:** A table with columns 'Extended Attributes' and 'Notes'.
- Attribute Overrides:** A table with columns 'Extended Attributes' and 'Attribute Overrides'.
- Catalog Responses:** A table with columns 'Type', 'Created', 'Status', and 'Result Message'.

The Summary tab includes the following sections:

- Summary Information
- Extended Attributes
- Attribute Overrides
- Catalog Responses

Summary Information Section

The Summary Information section of a publication displays the key information that was entered initially as well as the following information:

- **Status**—The status of the publication based on the CSS workflow it is tied to.
- **GS1 Status**—Used for publications destined for 1Sync and is the status of the addition of this specification to the global registry.
- **Item Type**—If applicable, this is pulled from the item type field on the trade specification.
- **Last Updated**—Last date the publication was updated.

Extended Attributes Section

Use extended attributes on publications to capture publication specific data and enhance the data being sent to a particular destination. Figure 2-6 shows the Extended Attributes section.

Figure 2-6: CSS Extended Attributes section in edit mode

Extended Attributes		Notes
 Extended Attributes		
 Countries Sold To		
 First Order Date		

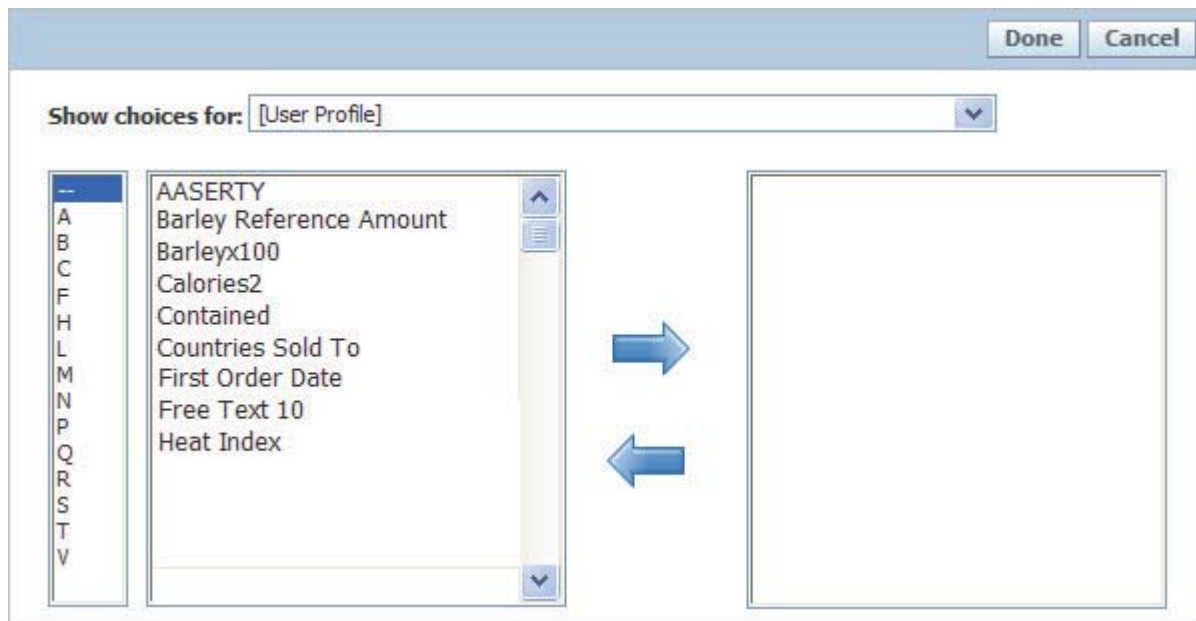
Add New

Note The publication must be in edit mode to add extended attributes. To put the publication in edit mode, click **Edit**.

Adding Extended Attributes

Click **Add New** in the Extended Attributes section. A dialog box opens, as shown in figure 2-7 on the next page.


Figure 2-7: Extended attributes dialog box



Select the attribute to add and then click the add selected data icon (➡). Select more than one attribute by holding down the **Shift** or the **Control** key on your keyboard and clicking the mouse on the attributes to include. Remove attributes from the list by clicking on the attribute name in the right column and clicking the remove selected data icon (⬅).

Once you have selected all the attributes to add, click **Done** to return to the publication page. The selected attributes are added to the list, as figure 2-8 shows below. You can now define the values for the extended attributes.

Figure 2-8: Extended Attributes list

Extended Attributes			
 Extended Attributes		Notes	
 Countries Sold To			
 First Order Date			
Add New			

There are two ways to add values to the extended attributes. You can edit each row individually or edit the entire extended attributes grid.








- To edit an individual row, select the edit icon () on the left side of the row you want to edit. Add the desired value and any notes. Click the apply changes icon () to confirm your change.
- To edit the entire grid, click the edit icon () in the top left corner of the grid and all extended attribute values will be available for editing. Once you have entered the desired values and notes, click the apply changes icon () to confirm your changes. Figure 2-9 shows the edit grid option.

Figure 2-9: Extended Attributes grid in edit mode

Extended Attributes

Extended Attributes		Notes
Countries Sold To	 <input type="text"/>	<input type="text"/>
First Order Date	 <input type="text"/> 	<input type="text"/>

All fields are in edit mode when the table is placed in edit mode

After you have entered the desired extended attribute information, click **Save** to save your data on the publication.

Figure 2-10: CSS Summary page

Trade Item - 5082441-001 - BBQ Beef and Vegetabl...

Summary Information

Trade Item: 5082441-001 - BBQ Beef and Vegetable Dinner - 11 oz - 12x Case for Syndication
Status: Catalog Admin Review
GS1 Status:
Target Market:
Trading Partner:
Information Provider:
Manufacturer:
Item Type: Traded Unit
Last Updated: 11/19/2007

Extended Attributes

Extended Attributes		Notes
 Countries Sold To	Canada, USA	Our Northern Market
 First Order Date	Wednesday, November 28, 2007	

Attribute Overrides

Extended Attributes	Attribute Overrides



Catalog Responses

Type	Created	Status	Result Message
------	---------	--------	----------------

Attribute Overrides Section

Use the Attribute Overrides section to override related specification data with extended attribute data that exists on the publication.

Figure 2-11: Attribute Overrides section

Attribute Overrides		
 Extended Attributes	Attribute Overrides	
 First Order Date	Available Date	
Add New		

The attributes that may be overridden are configurable by data type. The following are the trade specification attribute overrides that are preconfigured within the system:

- Available Date—Date
- Case Gross Weight—Numeric
- Net Weight—Numeric
- Case Height—Numeric
- Case Length—Numeric
- Case Width—Numeric
- Case Volume—Numeric
- Each Height—Numeric
- Each Length—Numeric
- Each Width—Numeric
- Each Volume—Numeric
- Product Name—Free Text
- Layers per pallet—Numeric
- Cases per layer—Numeric
- Pallet Gross Weight—Numeric
- Pallet Net Weight—Numeric
- Pallet Height—Numeric
- Pallet Length—Numeric
- Pallet Width—Numeric
- Pallet Volume—Numeric

Catalog Responses Section

The Catalog Responses section gives details about what type of messages were created and their individual status, as shown in figure 2-12 below. It is possible to have multiple statuses inside of a given publication status.

For instance, when CSS sends trade specification data to 1Sync, a single publication will typically have three unique messages generated. It will generate an Add, Modify, and Publish message. Within the message conversation with 1Sync, independent information on each of those messages is returned. The Catalog Responses section displays this information.

Figure 2-12: Catalog Responses section

Catalog Responses			
Type	Created	Status	Result Message
Add	6/7/2007 3:34 PM	Failed	(FAILED) Message received at SoapScope and responded

The Catalog Responses section includes the following columns:

- **Type**—The type of transaction within the publication corresponding to a unique message generator.
- **Created**—The date and time the message was generated.
- **Status**—The status of the unique message.
- **Result Message**—The message sent back from the target system if applicable. If a publication fails, the result message supplies supporting information on why it failed.

Signatures/Approval Tab

The Signatures/Approval tab shows the information that relates to the CSS workflow tied to this publication, as figure 2-13 shows on the next page. This information is generated by the system and cannot be changed.

Figure 2-13: Signatures/Approval tab

Trade Item - 5082441-001 - BBQ Beef and Vegetabl...

Summary **Signatures / Approval**

Current Status

Current Owner: CSS-Europe
Current Status: Catalog Admin Review
Desired Action: Trade Item Publication Approval

Start Date: 8/30/2007
Amber Date: -----
Red Date: -----

Event History

Event	User	Time	Comments
Created	Sarah Adams	8/30/2007 4:00 PM	
Transitioned to 'Catalog Admin Review'	Sarah Adams	8/30/2007 4:00 PM	System

Validation

Once a publication has been created on a specification, you can run pre-configured validations against it. Doing so will tell you if there are any problems with the data before sending it to the destination defined on the publication.

Validating a Publication

To validate a publication, click **Validate For Publication** on the CSS tab of the specification in GSM. When you validate a publication, the validation rules defined for that publication will be investigated against the related specification data. If there is more than one publication on a specification, the validation rules configured for the publications will be run and the error messages that exists will display at the top of the CSS tab, as figure 2-14 shows below. You can tell which specification is causing the error condition because the error messages contain the specification number.

Figure 2-14: Validate for Publication and sample error message

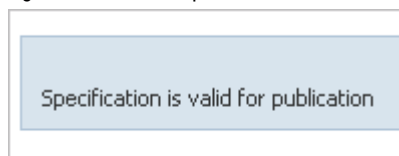
The screenshot shows the GSM interface for a specification titled "(trd) 5084511-001 - BBQ Beef and Vegetables (CSS Syndication)". The "CSS" tab is selected, displaying an error message: "Error: 5084511-001: Invalid GTIN, 5084511-001: No Start Availability Date specified". Below the error message, the "Initial Publication" table is visible, listing three publications with their respective details.

Trading Partner	Publication Type	Target Market	Initial Publication	Last Updated	Info Provider	Manufacturer	Current Status
US » UCC » Global FS - 0041163000001	Initial Load	US	-----	8/30/2007	CPI	CPI	Draft GS1:
US » PDK » Prodika Syndication WebService - PDK_WS	New	US	8/9/2007	9/18/2007	CPI	CPI	Syndication GS1:
US » UCC » Global FS (Billings, MT) - 0041130079238	Initial Load	US	-----	8/30/2007	CPI	CPI	Draft GS1:

At the bottom of the table, there are two buttons: "Add New" and "Validate For Publication".

Once all of the errors are resolved and the validation routine passes, a message that states that the publication is valid for publication is displayed, as figure 2-15 shows below.

Figure 2-15: Valid Specification



Workflow

Once a publication is validated, you can advance it to a publishable state and send it to the recipient defined in the publication. To workflow an individual publication, click the Trading Partner link on the CSS tab of the GSM specification. This action opens the publication in a CSS dialog box. To advance the publication, click **Workflow**. A workflow dialog box displays, as shown in figure 2-16 below.

Figure 2-16: Workflow dialog box

Workflow [Cancel]

Next Action

➡

Staged for Syndication ▼

Current Status

Current Owner:

Current Status: Catalog Admin Review

Desired Action: Trade Item Publication Approval

Start Date: 7/23/2007

Amber Date: -----

Red Date: -----

Your Comments:

Select the appropriate workflow status from the drop-down list and then click the move step forward icon (➡) to push the publication forward in the workflow. If an appropriate reverse transition has been defined and you want to move the publication backwards in the workflow, select the appropriate workflow status from the drop-down list and then click the move step back icon (⬅).

Mass Workflow Tab

The Mass Workflow tab in CSS enables you to move multiple publications from one status in the workflow to another.

When you first access the Mass Workflow tab, there are compressed lists of publications that are grouped by status, as shown in figure 2-17 below.

Figure 2-17: Mass Workflow tab

Action Items

Action Items

Mass Workflow

Catalog Admin Review

Select	Title	Trade/Spec Type	GTIN	Trading Partner	Last Updated
<input type="checkbox"/>	BBQ Beef and Vegetable Dinner - 11 oz for Syndication	Consumer Unit	12345678909879	All Retailers	10/2/2007 9:26:54 AM
<input type="checkbox"/>	BBQ Beef and Vegetable Dinner - 11 oz - 12x Case for Syndication	Traded Unit	12312312312319	All Retailers	10/24/2007 11:57:07 AM

Hide

Action Selected Items

Failed

Show

Action Selected Items

Catalog Admin Review

Show

Action Selected Items

Staged for Syndication

Show

Action Selected Items

Cancelled

Show

Action Selected Items

Syndication

Show

Action Selected Items

Staged for Syndication

Show


Action Selected Items

Every unique status in the workflow that has a publication identifying you as the owner will show on this page. Initially, all of the publications within the groups are hidden. Open the list of publications that are in a particular status by clicking **Show**. This expands all of the publications you own in that status. Click **Hide** to compress the list.

Next, select the individual publications you want to move from one status to the next. To do this, select the check box next to the publication you want to move. Once you have selected all of the publications within the status you want to move, click **Action Selected Items**. A workflow dialog box displays, as figure 2-18 shows below.

Figure 2-18: Workflow next action

The image shows a 'Workflow' dialog box with a 'Cancel' button in the top right corner. The dialog is divided into three main sections. The first section, 'Next Action', features a large blue arrow icon pointing right and a drop-down menu currently set to 'Staged for Syndication'. The second section, 'Current Status', contains the following information: 'Current Owner:' (blank), 'Current Status: Catalog Admin Review', and 'Desired Action: Trade Item Publication Approval'. Below this, there are three date fields: 'Start Date: 12/31/9999' in green, 'Amber Date: ----' in orange, and 'Red Date: ----' in red. The third section, 'Your Comments:', is a large text area with a vertical scrollbar on the right side.

Select the appropriate workflow status from the drop-down list, enter comments associated with this workflow transition and then click the move step forward icon () to initiate the workflow process. Once you have initiated the workflow, the Mass Workflow page automatically updates.

Mass Publications

Mass publications give you the ability to syndicate multiple trade specifications to a single publication. Mass publications are created in CSS.

Mass Tip Creation

To create a mass publication, click **New** on the search page, as figure 2-19 shows below. This feature is only available for trade specifications.

Figure 2-19: Trade Item Publications

The screenshot shows a web interface for 'Trade Item Publications'. At the top right is a 'New' button. Below the title is a 'Search Criteria' section with three dropdown menus (the first shows '--'), a text input field, and a 'more criteria...' link. Below these are 'Search', 'Reset', 'Save Search', and 'Load Search' buttons. A 'Search Results' section at the bottom has a 'Results Per Page' dropdown set to '10'.

Mass publications are composed of two sections shown in figure 2-20 below: Summary Information and Specification(s).

Figure 2-20: Mass TIP Creation

The screenshot shows the 'Mass TIP Creation' form. It has two main sections: 'Summary Information' and 'Specification(s)'. The 'Summary Information' section contains three fields: 'Trading Partner:', 'Publication Type:', and 'Manufacturer:'. The 'Specification(s)' section contains a table with columns: 'Select', 'Spec #', 'Specification Name', 'Trade/Spec Type', and 'Status'. Below the table are 'Add New' and 'Publish' buttons.

Select	Spec #	Specification Name	Trade/Spec Type	Status
<div> Add New Publish </div>				

Summary Information Section

Use the Summary Information section to add information that will help define the publication for the group of specifications being syndicated:

- **Trading Partner**—Defines the destination for the data being syndicated. As discussed on page 2-1, these can be internal or external. Publications are organized by target markets. Target market is a GDSN term used to define areas of the world.

- **Publication Type**—Publication type is typically used for GDSN syndications. It tells retailers if this is the first time they have received this product information or if they already have it and should update their information.
- **Manufacturer**—Defines who the data being syndicated is coming from. For GDSN syndications, this is the information provider's Global Locator Number (GLN).

Specification(s) Section

Use the Specification(s) section to add the trade specifications to syndicate.

To add trade specifications, click **Add New** and use the search page to select the trade specifications to publish, as shown in figure 2-21 below.

Figure 2-21: Search Criteria

The screenshot shows a web interface for searching specifications. At the top right is a 'Cancel' button. Below it is the 'Search Criteria' section with a dropdown for 'Spec Name', a dropdown for 'Contains', and a text input for 'BBQ'. There is a 'more criteria...' link and buttons for 'Search', 'Reset', 'Save Search', and 'Load Search'. Below this is the 'Search Results' section with a 'Results Per Page' dropdown set to '10'. A table lists search results with columns for Spec #, Spec Name, Item Type, and Status. Below the table are pagination links '1 2 3 4'. At the bottom is the 'Selected Items' section with a list box containing '5077539-009' and '5079849-001', and buttons for 'Remove', 'Clear', and 'Done'.

Spec #	Spec Name	Item Type	Status
5077539-001	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit (co-pack)	Spec Group Review
5077539-002	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit (not for resale)	Draft
5077539-003	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	Data Admin Review
5077539-004	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	Approved
5077539-005	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit (co-pack)	Draft
5077539-006	BBQ Beef and Vegetable Dinner - 11 oz	Traded Unit (co-pack)	Draft
5077539-007	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	Approved
5077539-008	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	Draft
5077539-009	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	Draft
5079849-001	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	R&D Review

Selected Items:

5077539-009
5079849-001

Once you select all of the specifications to publish, click **Done**. The selected specifications are returned to the specifications section of the mass publication.

Once you find the specifications you are looking for, select the individual specifications to publish. To do this, select the check box next to each specification, as figure 2-22 shows below. If the check box next to the specification is grayed out, that specification has already been published to the target system you selected and is no longer available for publication.

Figure 2-22: Mass TIP Creation Publishing

Mass TIP Creation

Summary Information

Trading Partner:

Publication Type:

Manufacturer:

Specification(s)

Select	Spec #	Specification Name	Trade/Spec Type	Status
<input checked="" type="checkbox"/>	5077539-009	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	Draft
<input checked="" type="checkbox"/>	5079849-001	BBQ Beef and Vegetable Dinner - 11 oz	Consumer Unit	R&D Review

Once you select all of the specifications you want to publish, click **Publish**. The system creates publications to the selected trading partner on all of the specifications selected. You will still need to perform workflows on the publications as usual.

