

iWay

Omni-Gen[™] Consumption View User's Guide

Version 3.8

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Contents

This documentation describes how to use Omni-Gn[™] Consumption View, a customizable data model builder with dynamic views to empower business analytics and reporting.

How This Manual Is Organized

This manual includes the following chapters:

	Chapter/Appendix	Contents
1	Introducing Omni-Gen Consumption View	Provides an overview of Omni-Gen Consumption View and summarizes key features.
2	Getting Started	Describes how to get started with using Omni-Gen Consumption View.
3	Configuring an Output Document Specification	Describes how to create, view, and deploy an Output Document Specification (ODS) using the Consumption View.

Documentation Conventions

The following table lists and describes the documentation conventions that are used in this manual.

Convention	Description
THIS TYPEFACE	Denotes syntax that you must type exactly as shown.
or	
this typeface	
this typeface	Represents a placeholder (or variable), a cross-reference, or an important term. It may also indicate a button, menu item, or dialog box option that you can click or select.
underscore	Indicates a default setting.
Key + Key	Indicates keys that you must press simultaneously.
8	Indicates two or three choices. Type one of them, not the braces.

Convention	Description
	Separates mutually exclusive choices in syntax. Type one of them, not the symbol.
	Indicates that you can enter a parameter multiple times. Type only the parameter, not the ellipsis ().
	Indicates that there are (or could be) intervening or additional commands.

Related Publications

Visit our Technical Documentation Library at *http://documentation.informationbuilders.com*. You can also contact the Publications Order Department at (800) 969-4636.

Customer Support

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To learn about the full range of available support services, ask your Information Builders representative about InfoResponse Online, or call (800) 969-INFO.

Help Us to Serve You Better

To help our consultants answer your questions effectively, be prepared to provide specifications and sample files and to answer questions about errors and problems.

The following tables list the environment information our consultants require.

Platform	
Operating System	
OS Version	
JVM Vendor	
JVM Version	

The following table lists additional questions to help us serve you better.

Request/Question	Error/Problem Details or Information
Did the problem arise through a service or event?	
Provide usage scenarios or summarize the application that produces the problem.	
When did the problem start?	
Can you reproduce this problem consistently?	
Describe the problem.	
Describe the steps to reproduce the problem.	
Specify the error message(s).	

Request/Question	Error/Problem Details or Information
Any change in the application environment: software configuration, EIS/database configuration, application, and so forth?	
Under what circumstance does the problem <i>not</i> occur?	

The following is a list of error/problem files that might be applicable.

- Input documents (XML instance, XML schema, non-XML documents)
- ❑ Transformation files
- Error screen shots
- Error output files
- Trace files
- Custom functions and agents in use
- Diagnostic Zip
- Transaction log

User Feedback

In an effort to produce effective documentation, the Technical Content Management staff welcomes your opinions regarding this document. Please use the Reader Comments form at the end of this document to communicate your feedback to us or to suggest changes that will support improvements to our documentation. You can also contact us through our website, *http://documentation.informationbuilders.com/connections.asp*.

Thank you, in advance, for your comments.

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Chapter

Introducing Omni-Gen Consumption View

This section provides an overview of Omni-Gen Consumption View and summarizes key features.

In this chapter:

- Overview
- Key Benefits and Advantages
- Supported Data
- Frequently Asked Questions

Overview

Omni-Gen Consumption View enables organizations to leverage existing data, generating valuable actionable insights, which lead to tangible business results. Leveraging Omni-Gen Consumption View to compile and relate content across the entire organizational spectrum, business users can be empowered to communicate, visualize, and analyze data effectively.

Omni-Gen Consumption View is a customizable data model builder with dynamic views to empower business analytics and reporting. Consumption View makes it easier to develop metrics and analytics from data collected into an Omni-Gen data repository. It provides the ability to offer multiple types of data including metrics, aggregations, promotions, and rule conversions. Consumption View also provides structural simplification in navigating the information model by denormalizing the most frequently used data elements. Denormalizing is the process of trying to improve the read performance of a database.

Omni-Gen Consumption View also enables users to trim large data sets (reports) to smaller more manageable data sets. For example, a report containing 500 columns of information can be scaled down to 20 columns of data that is specific for a user's requirements, which also reduces processing time.

Prerequisites:

Omni-Gen version 3.8 or higher

Relational Database Management System (RDBMS), such as SQL Server, MySQL, or PostgreSQL

Key Benefits and Advantages

Key benefits of Omni-Gen Consumption View include:

- □ Allowing high access level users (system administrators) to create custom and specific views or documents for lower access level users.
- Offering users detailed data for their needs, such as specific subject fields, geographic criteria, or demographic metrics.
- Providing simplification in navigating information models of data elements required for analytics and reporting.
- Providing a more simplified interface designed to make report designers more productive and reports execute more efficiently.
- The ability to operate as a completely model-driven service, so that it can operate without Omni-Gen.
- The ability to run metrics as soon as the data is loaded into the Omni-Gen repositories or tables.
- Providing for the ability to show dashboards on a smaller scale.

Supported Data

The following data is used for Omni-Gen Consumption View:

- □ The input to Consumption View builder is the Input Document Specification (IDS).
- A consumption view is a document structure based on one or more IDS subjects.
- □ The output is a custom Output Document Specification (ODS) model or report:
 - □ Multiple ODS's can be created from a single IDS that is in the project bundle.
 - □ The ODS is provided in JSON format.
- Execution of an ODS is performed by a work order. The work order truncates the ODS tables and populates them from the model.

Frequently Asked Questions

1. Can you output an ODS into a different Database?

Yes, this way a reporting application (for example, WebFOCUS) can have access to that ODS and will not require access to the Omni-Gen repository.

2. What is available to see the data?

Your favorite Relational Database Management System (RDBMS), such as SQL Server, MySQL, or PostgreSQL.

3. Where is the real data?

It is stored in the database you specify as the consumption data source in the OmniGen console.

4. Is the data updated in real time?

For the current release, the Consumption View database is updated on demand.

5. What constraints are their regarding the database targets?

Any database supported by Omni-Gen can be used.

6. Can Consumption View be used to populate and update data stored somewhere else?

Yes, as long as Omni-Gen has the credentials to the desired target.



Getting Started

This section describes how to get started with using Omni-Gen Consumption View.

In this chapter:

- Verifying Omni Services and Deploying a Bundle
- Accessing the Consumption View Console

Verifying Omni Services and Deploying a Bundle

Before you begin using Omni-Gen Consumption View, you must ensure that several Omni services are started and then deploy a bundle.

- 1. In the Omni Console, click the Services tab in the left pane and verify that the following Omni Services, OGC Services, and Utilities are started (On).
 - Omni Services:
 - Designer Repository
 - Deployment Bundler
 - OGC Services:
 - OGC Tomcat
 - WS02

Utilities:

Elastic Index

ØmniConsole ■	S Managed Services	
	Start All Stop All DRestart All	
C Services		
🗲 Configuration 👻	Data Processing	
Deployment	Omni Server	OFF ON
Processing •	Data Quality	
🖵 System 👻	Cleansing	OFF ON
Testing	Matching	OFF ON
Consoles	Merging	OFF ON
Operations	Remediation	OFF ON
	Workbench Cleansing	OFF ON
	Omni Services	
	Designer Repository	OFF ON
	Deployment Bundler	OFF ON
	OGC Services	
	OGC Torncat	OFF ON
	WS02	OFF ON
	Utilities	
	Elastic Index	OFF ON

Note, if you need to start these services, this process may take a few minutes to complete.

When you have verified that these services are started, you can proceed with deploying a bundle.

2. Click *Deployment* in the left pane and then *Install Bundle*, as shown in the following image.

	C Deployment
(1 Install Bundle 2 Update Bundle O Reset Environment -
© Services ✓ Configuration → © Deployment	Deployment Bundle Not found Please click 2 Install Bundle for a new installation, or 2 Update if you have an existing Omni database.

3. Select the desired bundle you want to deploy.

The Deployment Progress status pane opens, as shown in the following image.

Deployment Progress			
Operation	Status	Start Time	Elapsed Time
Start Workbench maintenance	Complete	2018-11-05 16:19:44.958	0.136
Terminate Workbench jobs	Complete	2018-11-05 16:19:45.102	0.05
Backup deployment artifacts	Complete	2018-11-05 16:19:46.217	0.016
Bundle Deployment Started	Complete	2018-11-05 16:19:46.264	0
Clean deployment artifacts	Complete	2018-11-05 16:19:46.295	0
Copy Bundle	Complete	2018-11-05 16:19:46.319	0.038
Explode Bundle	Complete	2018-11-05 16:19:46:373	1.343
Copy bootstrap files	Complete	2018-11-05 16:19:47.732	0
Generate Effective IDS documents	Complete	2018-11-05 16:19:47.748	0.719
Generate IDS documentation	Complete	2018-11-05 16:19:48.482	0.672
Generate IDS Example OID's	Complete	2018-11-05 16:19:49.154	0.236
Generate XSD Schemas for the IDS documents	Complete	2018-11-05 16:19:49.390	0.421
Generate the JPA Model for the IDS documents	Complete	2018-11-05 16:19:49.811	1.719
Compile the JPA Model for the IDS documents	Active	2018-11-05 16:19:51.530	0

Note, this process may take a few minutes to complete (depending on the bundle size).

When your bundle has been deployed, the successfully installed message is displayed, as shown in the following image.

	1 Replace Bundle	C Update Bundle	•	🕈 Reset Environment 👻	
✓ The bundle was successfully	y installed.				
Configuration *	FTOJECT Manie				customer
Deployment	Created By				IBI Deployment Bundler

4. Click the *X* on the right-hand side to close this message, as shown in the following image.

	1. Replace Bundle	C Update Bundle	•	O Reset Environment	٠		
✓ The bundle was successfully	r installed.					(

ØmniConsole ≡	Composition Deployment	
	± Replace Bundle C Update Bundle → O Reset Environment →	
QC Services	Installed Bundle Information	
✗ Configuration ▼	Project Name	customer
Deployment	Created By	IBI Deployment Bundler
E Processing	Created Date	4/18/16 1:46 PM
System -	Release Number	5.0.0 Beta 1
 Tasting 	Version	customer_5_0_0_Beta_1_160418134654
7 resury	Installed Date	2018-10-29 13:52:01.893
Consoles	Release Notes	Fix issues on Match Plan
Operations	Subjects	
	Workflow	Name
	≣ ♥ 🛛 23/23	Facility
	≣~ 23/23	FacilityLocation
	≡ - Ø 23/23	Organization
	≡ - ∅ 23/23	Person
	≡ ▼	SourceCodeMap
	≣ ▼	SourceCodeMetadata
	≣ ▼	SourceCodeSet
	≡ - Ø 23/23	SourceCodeStandard

Information regarding your installed bundle is displayed, as shown in the following image.

- 5. Click the Services tab in the left pane and start the following Data Processing and Data Quality services.
 - Data Processing:
 - Omni Server
 - Data Quality:
 - Cleansing
 - Matching
 - Merging
 - Remediation

Workbench Cleansing

ata Processing	\sim
Omni Server	OFF ON
Data Quality	
Cleansing	OFF ON
Matching	OFF ON
Merging	OFF ON
Remediation	OFF ON
Workbench Cleansing	OFF ON
Omni Services	
Designer Repository	OFF ON
Deployment Bundler	OFF ON
DGC Services	
OGC Tomcat	OFF ON
WS02	OFF ON
Jtilities	
Elastic Index	OFF ON

6. To view the Consumption View database settings, values, and descriptions, click the *Configuration* tab in the left pane, select *Databases*, and then click the *Consumption* tab, as shown in the following image.

ØmniConsole ≡	Configuration: Databases		
Configuration -	Setting	Value	Description
Runtime	Driver Java Class	org.postgresql.Driver 🗭	Specify the JDBC driver used to connect to the database.
Databases	Connection Url	jdbc:postgresql://localhost:5432/omnigen 🗭	Specify the JDBC URL to use when making the database connection.
Managed Services	Connection User Name	omnigen 🖪	Specify the database user name associated with the connection.
Product License	Connection Password	B,	Specify the database user password associated with the connection.
Contract Deployment	Maximum Active Connections	50	Specify the maximum number of database connections allowed by this pool.

Accessing the Consumption View Console

You can access the Consumption View console through the Omni Console or directly by using a URL.

Omni Console Access

From the Omni Console, click Consoles in the left pane

🕫 Services	Console UI Links	
🖌 Configuration 👻	Service Name	UI Status
Deployment	Data Processing	
Processing -	Controller Swagger UI	https://ds01127-1.ibi.com:9500/swagger-ui.html
T West Order	Server Swagger UI	https://ds01127-1.ibi.com:9514/server/swagger-ui.html
r= Work Orders	Data Quality	
🗠 Measures	Cleansing	http://ds01127-1.ibi.com:9504/console/welcome/
A Ramp Control	Matching	http://ds01127-1.ibi.com:9506/console/welcome/
🖵 System 👻	Merging	http://ds01127-1.ibi.com:9508/console/welcome/
Logs	Remediation	http://ds01127-1.ibi.com:9510/console/welcome/
Messages	Workbench Cleansing	http://ds01127-1.ibi.com:9512/console/welcome/
Testing	Omni Services	
7 resulty	Deployment Bundler UI	https://ds01127-1.ibi.com:9502/
Consoles	Repository Swagger UI	http://ds01127-1.ibi.com:9516/com.iwaysoftware.omni.designo
Operations	OGC Services	
	OGC Torncat Service	http://ds01127-1.ibi.com:9501/ogc
	OGC WS02 Post	https://ds01127-1.tor.com.200
	Consumption	
	Consumption View Builder	https://ds01127.1.ibi.com/9500/consumption

The Consoles page opens, as shown in the following image.

Scroll down this page and click the URL to the right of the Consumption View Builder entry.

Direct URL Access

Open a web browser and enter the following URL in a new browser tab:

https://hostname:9500/consumption

where:

hostname

Is the name of your system and domain where Omni-Gen and Consumption View is installed and hosted.

1. Log in with the proper credentials.

Consumption View opens, as shown in the following image.

= [🔰 🖨 Output Docume	ents					
æ -∕							
	ODS Name	Subject-	Status	Deployed?	Deployed Date	Modified Date	Description
=	😲 🔂 Input Doci	uments					
	Count IDS Na	me Version	Type Description	-			

2. Click the collapse menu icon (also referred to as a hamburger button) on the left to access the drop-down menu, which includes options to select *Input Documents* or *Output Documents*, as shown in the following image.



3. Click Input Documents.

The Input Documents Specification (IDS) screen is displayed and the IDS Name column will be pre-populated based on the deployment bundle that you deployed in the Omni Console, as shown in the following image.

	Count	IDS Name	Version	Туре	Description
≡ *	2	Facility	1.1.7	instance	A Facility repres
≡ ~		FacilityLocation	1.1.7	instance	Use this specifi
= -	2	Organization	1.1.7	instance	Use this specifi
≡ *	1	Person		instance	
= *	2	PersonMaster		master	
≡ ~	2	SourceCodeMap	3.0.0	instance	Use this IDS to
= *	2	SourceCodeMetadat	3.0.0	instance	SourceCodeMe
≡ *		SourceCodeSet	3.0.0	instance	This structure is
= -	2	SourceCodeStandard	3.0.0	instance	Use this IDS to

4. Click Output Documents from the menu, as shown in the following image.



This screen will show the Output Document Specification (ODS) created based on the IDS as defined by the deployment bundle, as shown in the following image.

=	😲 🖨 Output Docume	ents					
	≜ ×						
	ODS Name	Subject	Status	Deployed?	Deployed Date	Modified Date	Description

Initially, the list will be blank until an ODS is created.

5. You can access the online help for the Omni Console by clicking the question mark (?) icon, as shown in the following image.

s + OmniConsole Documentation nniConsole Documentation
s » OmniConsole Documentation nniConsole Documentation
nniConsole Documentation
ntents:
ogging in • Error Messages iervices • Toolbar Options Configuration • Viewing parameter raw values • Modification indicator beployment • Toolbar Options • Installed Bundle Section • Subjects Section • Subjects Section • Subjects Section • Subjects Section • Subjects Section • Subjects Menu Options • Example Viewer • Documentation Download • Test Subject Menu Processing • Workorders • Measures • Ramp Control ogs hystem Messages esting

6. To quickly access additional Omni-Gen consoles, click the Omni Applications (checker box) icon, as shown in the following image.



Selecting a console icon will open that console in a new browser tab.

Note: Some console icons will be active as of Omni-Gen version 4.0 or higher.

7. The user profile of the user who is currently logged in is available by clicking the User Profile icon, as shown in the following image.



The following example shows a user profile for an admin user.



8. To access filters, click the funnel icon or the filter counter in the circle adjacent to the icon, as shown in the following image.



In the Output Documents screen, the Filters dialog box opens, as shown in the following image.

ilters			
ODS Name:			
Contains	*		
Subject:			
Equals	*		
Status:			
Equals	-		-
Deployed Date:			
After	*	MM/DD/YYYY HH:MM	曲
Modified Date:			
After	*	MM/DD/YYYY HH:MM	曲
Description:			
Contains	-		

In the Input Documents screen, the Filters dialog box opens, as shown in the following image.

Filters		
IDS Name:		
Contains	•	
Туре:		
Contains	•	
Description:		
Contains	•	

Drop-down menus provide lists of available filter options for each section.

After filters have been created, the filter counter will indicate the number of filters that have been created. Clicking on the filter counter will also open the Filters dialog box.





Configuring an Output Document Specification

This section describes how to create, view, and deploy an Output Document Specification (ODS) using the Consumption View.

In this chapter:

- Creating an Output Document Specification
- □ Viewing an Output Document Specification
- Deploying an Output Document Specification
- Viewing the Work Order
- Creating Filters
- Configuring Promotions
- Loading Sample or Test Data
- Viewing Updated Tables in the Database

Creating an Output Document Specification

To create an Output Document Specification (ODS):

1. From the Input Documents screen, select the drop-down menu icon to the left of the Input Document Specification (IDS) document name from which the ODS will be created, as shown in the following image.

=	G Inp	out Documents			
-	ODS	IDS Name	Version	Туре	Description
	1	Facility	1.1.7	instance	A Facility represent
= -	0	FacilityLocation	1.1.7	instance	Use this specificati
= *	0	Organization	1.1.7	instance	Use this specificati
= -	4	Person		instance	
= -	1	PersonMaster		master	
= -	1	SourceCodeMap	3.0.0	instance	Use this IDS to loa
= -	0	SourceCodeMetadata	3.0.0	instance	SourceCodeMetad
= -	0	SourceCodeSet	3.0.0	instance	This structure is us
= -	0	SourceCodeStandard	3.0.0	instance	Use this IDS to link

2. Select New Output Document, as shown in the following image.



The New ODS - Facility dialog box opens, as shown in the following image.

Ods Name:	Facility	
Documentation:	A Facility represents a physical plot of land that may be owned, bought, sold, or leased. This IDS can be used to load the base level Facility information such as physical location, owner, contact methods and name. Note: Due to the hierarchy nature of locations within a facility, please use FacilityLocation to organize	^

- 3. Verify the ODS name and add any additional documentation text (optional).
- 4. Click Create.

Note: If the ODS name already exists, a corresponding message is displayed in the New ODS - Facility dialog box, as shown in the following image.

New ODS -	Facility	×
An ODS named F	facility already exists! Please provide unique name.	
Ods Name:	Facility	
Documentation:	A Facility represents a physical plot of land that may be owned, bought, sold, or leased. This IDS can be used to load the base level Facility information such as physical location, owner, contact methods and name. Note: Due to the hierarchy nature of locations within a facility, please use FacilityLocation to organize	•
✓ Create C	ancel	

If you encounter a duplicate name condition, simply modify the ODS name and click *Create* to continue, as shown in the following image.

New ODS - I	Facility	
An ODS named F	acility already exists! Please provide unique name.	
Ods Name:	Facility2	
Documentation:	A Facility represents a physical plot of land that may be owned, bought, sold, or leased. This IDS can be used to load the base level Facility information such as physical location, owner, contact methods and name. Note: Due to the hierarchy nature of locations within a facility, please use <u>FacilityLocation</u> to organize	-
✓ Create C	locations within a facility, please use FacilityLocation to organize	

A new screen for the ODS you are creating with Input and Output panes is displayed, as shown in the following image.

≡ 💟 ↔ Facility5			0 Ⅲ	4
+0 Input	Output		a Save	Output
	Options: 1) Hover over the input elements and click the arrow → to add 2) Drag and drop input elements here 3) Click the button below to copy the entire input document	C Empty Output		
▶ Тура		Dopy All		
A Name III Addresses				
Identifiers If ContactNethods				
► Im Relations ♦ SourceStatusCode				
SourceCreatedDate A SourceCreatedBy				
SourceModifiedBate A SourceModifiedBy				

- 5. Selecting elements for the ODS can be performed in three ways:
 - □ Hover over the element in the Input pane on the left and click the right arrow.
 - Click and drag the required element(s) from the Input pane to the *Empty Output* are in the Output pane.
 - □ Click *Copy All* to copy all elements to the Output pane.

The following table provides an IDS/ODS element color and code legend.

Color	lcon	Description
Grey	• 0	Document name (can be either IDS or ODS).
Pink	T Filters	Screen to add filters within the ODS.
Blue	► A	String basic element.
Blue	►	Code basic element.
Blue	▶ 曲	Date and Date Time basic element.
Blue	► #	Number basic element.
Yellow	• 🗏	List.
Green	▶ &	Links.
Orange		Promoted (appears in the Output pane when an element is promoted).

If required, the order of the document elements can be adjusted so they appear differently on selected reports.

6. Hover over the element name and click the up or down arrow to move the element to the required position, as shown in the following image.



You can edit the name and description for an element by clicking the pencil icon, as shown in the following image.

A SourceInstanceId	
A SourceInstanceIdName	↑ ↓ 🕜 =
► 𝔗 null_Parent	
▶	

The breadcrumb location indicator reflects any changes that you apply to the element, as shown in the following image.

E A SourceInstanceIdName			0 III 1
+0 Input		Output	44 Back 🔒 Save Output
A SourceInstanceIdName		A SourceInstanceIdName	
Name:	Field Type:	Name:	Field Type:
SourceInstanceIdName string		SourceinstanceidName	string
Documentation:		Documentation:	

The Save Output and Back buttons are located in the upper-right corner. Click Save Output to save your configuration at any point or click *Back* to return to the previous screens and modify your current configuration.

7. If you need to delete an element (General, List, Link, Promoted), hover over the element name and click the trash can icon, as shown in the following image.



8. If an element is copied to the Input screen more than once, a number is randomly generated as a reminder to edit the element name, as shown in the following image.



In this example, the number 769 is randomly generated as a reminder to edit the element. To edit the element, click the pencil icon, as previously described.

9. To expand an element and view additional properties, click the arrow to the left of the element name, as shown in the following image.



10.When you have finished configuring your ODS, click Save Output in the upper-right corner, as shown in the following image.

	0 🏼 🛓
Output	B Save Output
► O Facility2	
T Filters	+ Add Filters

The Save ODS dialog box opens, as shown in the following image.

Ods Name:	Facility2	
Documentation:	A Facility represents a physical plot of land that may be owned, bought, sold, or leased. This IDS can be used to load the base level Facility information such as physical location, owner, contact methods and name. Note: Due to the hierarchy nature of locations within a facility, please use FacilityLocation to organize all relevant physical/logical structures within the Facility. For example, using FacilityLocation will allow you to specify a Room, the Floor the room resides on, and the ward that floor is associated	
Status:	Draft	Ŧ

11.Ensure that the Omni Console is started.

12.Select Complete from the Status drop-down list, as shown in the following image.

Save ODS	د
Ods Name:	Facility2
Documentation:	A Facility represents a physical plot of land that may be owned, bought, sold, or leased. This IDS can be used to load the base level Facility information such as physical location, owner, contact methods and name. Note: Due to the hierarchy nature of locations within a facility, please use FacilityLocation to organize all relevant physical/logical structures within the Facility. For example, using FacilityLocation will allow you to specify a Room, the Floor the room resides on, and the ward that floor is associated
Status:	Complete
Save Cancel	Complete Deprecared

The following is a description of each option in the Status drop-down list:

- **Draft**. The ODS is not yet saved and cannot be deployed to the Omni-Gen repository.
- **Complete**. The ODS is saved and can be deployed to the Omni-Gen repository.
- Deprecated. Elements of the ODS are in the process of being replaced by newer versions.

Note: Only a completed ODS can be deployed to the Omni-Gen repository. For more information, see *Deploying an Output Document Specification* on page 41.

13.Click Save.

If the following error message is displayed, ensure that the Omni Console is started.



If the following error message is displayed:

Save ODS		*
Http failure response f	or https://ds01127-1.ibi.com 9500/api/v1/consumption/ods: 400 OK	
Ods Name:	Facility2	
Documentation:	A Facility represents a physical plot of land that may be owned, bought, sold, or leased. This IDS can be used to load the base level Facility information such as physical location, owner, contact methods and name. Note: Due to the hierarchy nature of locations within a facility, please use FacilityLocation to organize all relevant physical/logical structures within the Facility. For example, using FacilityLocation will allow you to specify a Room, the Floor the room resides on, and the ward that floor is associated	•
Status:	Complete	*
✓ Save × Cance		

Verify that the ODS name is unique and no other documents have the same name.

❑ Check the controller log for the specific reason in the folder where Omni-Gen is installed. The controller log is located in the following directory path:

\Omnigen\OmniGenData\logs\controller\controller.log

File	Edit	Format	View	Help		
201	LE .	Undo		Ctrl+Z	NFO	com.ibi
201	LE				NFO	com.ibi
201	١٤	Cut		Ctrl+X	NFO	com.ibi
201	8	Сору		Ctrl+C	NFO	com.ibi
201	LE	Paste		Ctrl+V	NFO	com.ibi
e 201	L٤	Delete		Del	NFO	com.ibi
201	8	Delete		Dei	NFO	com.ibi
201	LE	Find		Ctrl+F	NFO	com.ibi
201	٤	Find Next	6	F3	NFO	com.ibi
201	٤	Replace		ChileH	NFO	com.ibi
201	LE .	neproce		cultur	NFO	com.ibi
201	8	60 10		Ctri+G	NFO	com.ibi
201	٤	Select All		Ctrl+A	NFO	com.ibi
201	8	Time/Date		ES	NFO	com.ibi
201	3	nine/Date		r5	NEO	com.ibi

Search under the ODS name from where the error message first appeared.

For example, *Facility2*, as shown in the following image.

Find			×
Find what:	Facility2		Find Next
		Direction	Cancel
Match ca	ase	⊖ Up ● Down	

Select a new name for the ODS.

Viewing an Output Document Specification

To view an Output Document Specification (ODS):

1. Click *Input Documents* from the menu, as shown in the following image.



You will see that the ODS count next to the IDS name has increased, as shown in the following image.

≡	٣	G Inp	out Documents			
	_	ODS	IDS Name	Version	Туре	Description
<	•	2	Facility	1.1.7	instance	A Facility represents a physical plot of land that may be
	= ~	0	FacilityLocation	1.1.7	instance	Use this specification to load named locations, such as
	•	0	Organization	1.1.7	instance	Use this specification to load Organization or Business
	∎ •	4	Person		instance	

2. Click the number to the left of the IDS Name (for example, 2).

A list of all Output Document Specifications created that were associated from that IDS will be displayed, as shown in the following image.

=	 Output Docur 	ments	
≜ ×			
	ODS Name	Subject 🝸 🗸	Status
= *	Facility	Facility	COMPLETE

If the ODS was not saved as *Complete*, then the status will be *Draft* or *Deprecated*. Note the following:

- □ The status can be modified at any time.
- □ Only a completed ODS can be deployed to the Omni-Gen repository.
- 3. A duplicate copy of the ODS document can be created by selecting *Duplicate Document* from the menu, as shown in the following image.



This can be used to quickly create a new ODS document and can then be modified as required. Remember to provide the duplicate ODS with a unique name.

Deploying an Output Document Specification

To deploy an Output Document Specification (ODS):

1. In the Output Documents screen, select the drop-down menu icon to the left of the ODS that you would like to deploy.

The Process ODS option will only be enabled if:

- ☐ The ODS is deployed.
- □ The ODS is marked as *Complete*.
- □ The Omni Console server is running.

≡ *	₽ Edit	
= •	Deploy ODS	
= •	Process ODS	Process ODS currently disabled
= •	Duplicate Document	
= *	TRemove	

The ODS needs to be deployed.

If any modifications were made, the ODS will need to be updated and the Deployment Bundle will need to be redeployed.

2. From the Output Documents screen, click the Toolbox icon, as shown in the following image.



The following options are available

a ~	
₽	Export
-5	Import
0	Deploy All

- **Export.** Exports ODS documents to a file.
- **Import.** Imports ODS documents from a file export, from a prior date or external system.
- **Deploy All.** Deploys all ODS documents that are marked as *Complete*.
- 3. Click Deploy All.
- 4. Verify that the deployment is complete (may take between 30 to 60 seconds), as shown in the following image.

Operation	Status	Start Time	Elapsed Time
start deployment	Complete	2018-11-01 18:28:58.269	0.014
Senerate ODS documents	Complete	2018-11-01 18:28:58.289	0.019
Stopping OmniServer	Complete	2018-11-01 18:28:58.318	2.939
Update ODS documents folder	Complete	2018-11-01 18:29:01.267	0.081
Senerate ODS sources	Complete	2018-11-01 18:29:01.355	0.487
Compile ODS sources	Complete	2018-11-01 18:29:01.850	1.289
Neave ODS classes	Complete	2018-11-01 18:29:03.159	1.306
Drop tables	Complete	2018-11-01 18:29:04.655	0.042
Starting OmniServer	Complete	2018-11-01 18:29:04.717	14.47
Deployment complete	Complete	2018-11-01 18:29:19.195	0.009

5. When the deployment is complete, click *Close*.

*						
	ODS Name	Subject	Status	Deployed?	Deployed Date	Modified Date
= *	SourceCodeSet3	SourceCodeSet	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:06:23:544
= *	SourceCodeSet	SourceCodeSet	COMPLETE	Yes	2018-12-03 18:39:02.664	2018-11-20 20:06:02:280
= *	SourceCodeMetadata	SourceCodeMetadata	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:05:26.744
= -	SourceCodeMetadata2	SourceCodeMetadata	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:05:44.640
	SourceCodeMap	SourceCodeMap	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 19:59:54.113
= -	SourceCodeMap2	SourceCodeMap	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:01:17.289
= ~	SourceCodeMap4	SourceCodeMap	DRAFT			2018-12-17 16:41:26.875
= ~	PersonMaster7	PersonMaster	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:07:17.777
= *	PersonMaster	PersonMaster	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:00:29:509
= -	Person	Person	DRAFT			2018-11-20 20:09:26:543
= ~	Organization5	Organization	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:05:05:648
= *	Organization	Organization	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:04:44.132
= *	FacilityLocation1	FacilityLocation	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:04:21.979
= ~	FacilityLocation	FacilityLocation	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:04:04.236
= ~	Facility5	Facility	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-12-11 17:20:07.114
= -	Facility	Facility	DEPRECATED			2018-11-20 20:09:03.186

The deployed verification and date will be displayed, as shown in the following image.

6. Now that the ODS has been updated and successfully deployed, click the drop-down menu icon next to the ODS document name that you would like to process in the Output Documents screen, as shown in the following image.



7. Click Process ODS.

The Processing Results dialog box opens, as shown in the following image.

rocessing Result	S × Clo
ODS Name	Facility5
Status	Complete
Start Time	2018-12-11 17:37:47.889
End Time	2018-12-11 17:37:48.055
Elapsed Time	166 ms
# Processed	0
# Results	0
# Errors	0

8. Click Close.

Viewing the Work Order

To view the work order:

1. In the Omni Console, expand *Processing* and then select *Work Orders*, as shown in the following image.



The Work Orders page opens, which lists the ODS work order that was processed, as shown in the following image.

ØmniConsole ≡	/≡ Work Orders								0	2
									1-1 of 1 🔍 🚺	
OC Services	Work Orders									10
🖌 Configuration 👻	Туре	Subject	Batch Id	Source	Status	Result	Reason	Start Date 🗸	End Date	
Deployment	+ = LOAD_ODS	SourceCodeSet			COMPLETE	PASS		2018-12-03 19:03:30.107	2018-12-03 19:03:30.216	
Processing										
f≣ Work Orders										

2. To view details of the work order, click the plus sign icon (+) to the left of the work order, as shown in the following image.



The view is expanded with rows showing additional work order details, as shown in the following image.

Work Orders					
	Туре				
- = -	LOAD_ODS				
	START				
	LOAD_ODS				
	STOP				

3. Click the down arrow next to the menu for additional work order options, as shown in the following image.

	Туре						
+ (LOAD_ODS						
	+ = V LOAD_ODS						
	🗠 Measures						
	System Messages						

4. Click *Measures* to display additional information on the ODS, as shown in the following image.

Meas	ures												0 🛔
													1-1 of 1 🤍 💶 🤉
Measures													T Ø
	Component	Service	Operation	Subject	Status	Start Time 🗸	End Time	Elapsed	Processed	Results	Errors	Туре	Transaction
=-	OMNI_SERVER	LoadODS	ODS	SourceCodeSet	Complete	2018-12-03 19:03:30.144	2018-12-03 19:03:30.193	0.049	0	0	0	TIMED	a0b6a7e3-9def-4dc1-8e5e-a864be3a6864

If the following error message is displayed, ensure that the Omni Console is started.

Deployment Progress X Close									
Operation	Status	Start Time	Elapsed Time						
Failed to deploy			×						

Creating Filters

Filters are used to define the base set of data for the view. Filtering will allow a subset of source data to be defined. Multiple filters can be defined and applied.

1. From the Input Documents screen, select the IDS that requires filters and then click *Add Filters*, as shown in the following image.

≡ 😲 🖸 Facility3			0 Ⅲ ≛
+) Input		t Output	B Save Output
► 0 Facility		► 0 Facilty3	=
► A OmniStatus	<	▼ Fibers	+ Add Filters
A OmniStatusReason		A OmelStatus	-
► A SourceName		A OmniStatusReason	
A SourceInstanceId		► A SourceName	
► A SourceinstanceidName		► A SourceInstanceId	
▶ �Þ Туре		A SourceInstanceIdName	
► A Name		► 4 Type	
▶ 億 Addresses		• A Name	
▶ I≣ Identifiers		▶ Ⅲ Addresses	
► IE ContactMethods		▶ 湮 Identifiers	
▶ III Relations		▶ Ⅲ ContactMethods	
► � SourceStatusCode		▶ I Relations	=
SourceCreatedDate		▶ I SourceStatusCode	
► A SourceCreatedBy		▶ 🏙 SourceCreatedDate	
► # SourceModifiedDate		▶ A SourceCreatedBy	
► A SourceModifiedBy		▶ 🗰 SourceModRedDate	
		► A SourceModRedBy	

2. Select the AND or OR operation, and then click +Rule, as shown in the following image.



3. Once selected, expand the first drop-down list, which is pre-populated with the General

- 0

Filters		V Ok X Canc
AND OR		🕂 Rule 💠 Rulese
OmniStatus	¥ = ¥	×
Omnistatuskeason SourceName SourceInstanceid SourceInstanceid ssn gender children dob marifalStatus anniversaryDate dinnerTime monthlyMortgage penniesInPiggyBank PreferedBeverage likesScienceFiction likesNature PersonIsReallyTrulyOutOrThe insurablesDescription	StateTheyWereBornInStateIndicator	

4. Expand the next drop-down list, located to the right, for additional filter options, as shown in the following image.

Filters	V Ok X Cancel
AND OR	💠 Rule 🔶 Ruleset
OmniStatus	×

5. In the next field, located to the right, you can enter your specific filter criteria, as shown in the following image.

Filters			✓ Ok X Cancel
AND OR		💠 Ru	le 🔶 Ruleset
OmniStatus	• = •		×

6. To add additional filters, click +*Rule*, as shown in the following image.

ilter	s					V Ok X Cancel
ND	DR				(🕂 Rule 🕨 Ruleset
-	OmniStatus	-	=	Current		×
-	OmniStatusReason	*	contains	▼ Healthy		×
-	children	*	> -	3		×

7. To remove a filter, click the red X icon.

Adding a Rule Set (Nested Rule)

To add a rule set (nested rule):

1. Click +*Ruleset* in the Filters pane, as shown in the following image.

ND OR							÷	Rule 💠 R	uleset
OmniStatus		Ŧ	=	٣	Current				×
- OmniStatus	leason	¥	contains	Ŧ	Healthy				×
children		-	> •	3					×
AND OR							+ Rule	+ Ruleset	×

2. Multiple rules and rule sets can be added, as shown in the following image.

lte	rs					V Ok X Cano
ND	OR					💠 Rule 💠 Rulese
-	Omnis	Status		=	Current	×
-	Omnis	StatusReason	*	contains 💌	Healthy	×
-	childre	n	¥	> 🐨 3		×
	AND	OR				-\$- Rule -\$- Ruleset 🗙
L	-	SourceName		•	▼ List 1	×
	L	anniversaryDate		• >= •	11/01/2018	×

3. When your filters are complete, click *OK*, as shown in the following image.

Filters					(Ok Cancel
AND OR						🕂 Ruleset
- OmniStatus	*	=	*	Current		×

4. Click Save Output, as shown in the following image.



The Save ODS dialog box opens, as shown in the following image.

Save ODS		×
Ods Name:	Person	
Documentation:	11.5.18	
Status:	Draft	v
✓ Save X Cance	4	

5. Change the status from Draft to Complete in the drop-down list.

6. Click Save, as shown in the following image.

Ods Name:	Person	
Documentation:	11.5.18	
Status:	Complete	•

7. After the filters have been saved, the filters can be viewed by clicking the arrow next to Filters, as shown in the following image.

Filters	1
---------	---

The filters view is now expanded, as shown in the following image.



- 8. If additional editing is required, click the pencil (edit) icon, make your edits to the filters, click *OK*, and then click *Save Output*.
- 9. To deploy the newly created ODS with filters, follow the ODS deployment steps as described in *Deploying an Output Document Specification* on page 41.

Configuring Promotions

Promotions allow a user to promote individual records from a sub-collection to the parent node. Promoted data is presented as part of the root subject.

Note: Promotions are only available within an Input Document Specification (IDS) that has a list element (highlighted in yellow) when viewing the IDS.

	■ 🔮 +9 Facility3			0 Ⅲ 1
	+D Input		Output	B Save Output
	> 0 Facility	==	• O Facility3	
	► A OmniStatus	==	T files	+ Add Filters
	A OmniStatusReason	==	► A OmniStatus	=
	► A SourceName	-	► A OmniStatusReason	=
	▶ A Sourceinstanceid	==	► A SourceName	=
	► A SourceInstanceIdName	==	► A Sourceinstanceid	-
	▶ Ф Тура	==	► A SourceInstanceIdName	-
	A Name	==	▶ 4⊅ Type	=
/	▶ Ⅲ Addresses		+ A Name	=
1	III Identifiers	-	- m Addresses	
	. Ⅲ CentactMethods	-	▶ III Identifiers	
	, III Relations	-	▶	
	↓ SourceStatusCose		Relations	-
	BourceCreatedDate	==	▶ IP SourceStatusCode	=
	▶ A SourceCreatedBy	==	▶ 📓 SourceCreatedDate	=
	▶ # SourceModifiedDate	-	► A SourceCreatedBy	=
	A SourceModifiedBy	==	SourceModifiedDate	=
			► A SourceModifiedBy	=

To configure promotions:

1. Click the pencil (edit) icon, as shown in the following image.

+) Output	Save Output
PersonMaster1	
T Fitters	+ Add Filters
► ð Masterid	
ه ۵ MasterStatus	
▶ ð MasterStatusReason	
ب ک MasterStatusCode	
, à san	
ó likesScienceFiction	•
▶ III PersonMasterNames	(/1)=
► I≣ PersonMasterAddresses	
▶ III PersonMasterRelations	
ó insurablestotalValue	

2. Click *Promotions*, as shown in the following image.

Person	MasterName	List Promotion	
Name:		\smile	
Perso	nMasterNar	nes	
Docum	entation:		

3. Specify a name, add any optional documentation (description), and then click Save, as shown in the following image.

	Personnasterr	
Documentation:	Promoted	
Status:	Complete	¥

Note: When an element is promoted, the *list* icon is removed, identifying that it has now been promoted, as shown in the following image.



Loading Sample or Test Data

To load sample or test data:

1. Ensure that the Omni Console is started.

2. Click *Deployments* in the left pane of the Omni Console and then navigate to the Subjects area, as shown in the following image.

ØmniConsole ≡	C Deployment		
	± Replace Bundle		
OC Services	Installed Bundle Information		
⊁ Continuation ▼	Project Name	customer	
Deployment	Created By	IBI Deployment Bundler	
Processing	Created Date	4/18/16 1:46 PM	
Work Orders	Release Number	5.0.0.Beta.1	
	Version	customer_5_0_0_Beta_1_160418134654	
🗠 Measures	Installed Date	2018-12-11 14:24:57.345	
A Ramp Control	Release Notes	Fix issues on Match Plan	
🖵 System 👻			
* Testing	Subjects		
ch Consoles	Holkliow	Name	
4. CONSOLS	≣ ▼	Facility	
Operations	≡ ▼ 23/23	FacilityLocation	
	≡ ▼ 23/23	Organization	
	≡ ▼	Person	
	≣ ▼ 23/23	SourceCodeMap	
	≣ ▼ 23723	SourceCodeMetadata	
	≣ ▼ 23/23	SourceCodeSet	
	≣ ♥ 🖾 23/23	SourceCodeStandard	

3. Click the drop-down list to the left of a subject, and then select *Process Test Subjects* from the context menu, as shown in the following image.

ØmniConsole ≡	Deployment		
	土 Replace Bundle C Update Bundle → Ø Reset		
Q Services	Installed Bundle Information		
🗲 Configuration 👻	Project Name		
Deployment	Created By		
Processing	Created Date		
System Logs	Release Number		
Testing	Version		
7 resulty	Installed Date		
Consoles	Release View Example		
Operations	Subject View IDS		
	View XSD -		
	Download Documentation		
	Reprocess Subject		
	Process Test Subjects		

- 4. Specify the desired number of test subjects (for example, 20).
- 5. Select the green Go arrow, as shown in the following image.



A message indicating that the specified test subjects have been successfully submitted is displayed, as shown in the following image.



6. To close this message, click the X icon located to the right of the message banner.

Notes:

- ❑ When *Process Test Subjects* is selected from the context menu, the data is loaded into an *og_subjectname* table (for example, *og_facility*).
 - □ This table is predetermined based on the Project Name and Subject Workflow that is opened when *Process Test Subjects* is selected.
 - □ The actual data in these tables are unrelated to the test subjects that were processed.
- □ The os_consumption_repository table contains a list of all deployed Output Document Specifications. These tables are updated when *Deploy ODS* is selected.
- This data can then be viewed in the *vw_odsname* table (for example, *vw_facility*).
- 7. To view the workflow, select the corresponding workflow for the required subject name, as shown in the following image.

Subjects				
Workflow	Name			
≡ - (23/23	Facility			
≡ マ 23/23	FacilityLocation			
≡ ▼ 23/23	Organization			

The Workflow Items dialog box opens for the selected workflow (for example, Facility), as shown in the following image.

Workflow Ite	ms - Facility	Save Cancel
Enabled?	Operation	Ú Í
Enabled Disabled	SOURCE_TO_MODEL	
Enabled Disabled	CLEANSE	
Enabled Disabled	MASTER_REFERENCE	
Enabled Disabled	MASTER_REFERENCE_RELOAD	
Enabled Disabled	MATCH	
Enabled Disabled	MATCH_SET_DELETE	
Enabled Disabled	MATCH_SET_INACTIVE	
Enabled Disabled	FILL_RELOAD_QUEUE	
Enabled Disabled	MERGE	
Enabled Disabled	PROMOTE_MASTER	
Enabled Disabled	REMEDIATE	
Enabled Disabled	AUTO_CLOSE	
Enabled Disabled	PUBLISH_SOURCES	
Enabled Disabled	PUBLISH_INSTANCES	
Enabled Disabled	PUBLISH_MASTERS	
Enabled Disabled	SUBJECT_GROUP_PROCESS	
Enabled Disabled	CDC_RECORD	
Enabled Disabled	DISPATCH_SUBJECT_GROUP_PROCESSE:	
	INATARI BIATINAS	*

- 8. If required, you can disable any of the operations by clicking *Disabled* next to the specific operation.
- 9. Click Save when you are finished.

Viewing Updated Tables in the Database

To view updated tables in the database:

1. Open your Relational Database Management System (RDBMS), for example, SQL Server, MySQL, PostgreSQL, and so on.

Note: In this example, PostgreSQL is being used with the PG Admin utility.

2. Open the PG Admin utility by double-clicking the following icon on your desktop.



PG Admin opens, as shown in the following image.

😗 pgAdmin3 LTS by BigSQL					
File Edit Plugins View Tools Help					
/ C a % 7 8 🖩 🖉 /	📫 - 🌪 💡				
Object browser X	Properties Statistics Dependencies Dependents				
E Server Groups					

3. Double-click PostgreSQL (localhost:port).

The following screen is displayed.



- 4. Perform the following steps to view the current data in the database:
 - a. Expand omnigen.

b. Expand Schemas, public, and then Tables, as shown in the following image.



5. Scroll down to os_consumption_repository and expand this node, as shown in the following image.



6. Right-click os_consumption_repository, select View Data, and then select the required View option from the context menu.

-- DROF TABLE PUBLIC.OS CONSUMPTION repository os_cdc_subscription
 €- cdc_trace CREATE TABLE public.os consumption repository Refresh E-Columns (8) acter varying (255) NOT NULL, ⊕ ♦ 4 Constraints (1) Count e character varying(255) NOT NULL, Indexes (0) dified_date timestamp without time zc New Object > out text, Rules (0) Triggers (0) name character varying(255) NOT NULI Delete/Drop... - os_data_source character varying(255), Drop cascaded... €- E os_inactive_mast character varying(255) NOT NULL, ployed date timestamp without time zc €- master_refere Truncate INT pk_os_consumption_repository PRIN €-m os_measure Truncate Cascaded os_ramp_control Reset table statistics os_reload_queue LSE ⊞- m os_source_code_ Search objects... B-m os_subject_group LE public.os_consumption_repository Scripts > ⊕- m os_subject_group +- II os_system_messa View Data View Top 100 Rows > os_work_order Reports View Last 100 Rows > ⊕-m os_work_order_it €- con os_workflow_con Maintenance... View All Rows Backup... View Filtered Rows... repos_person_for Restore Image: Book of the second s repos_person_me Import... ⊕-m repos_person_wc Properties... Image: Book of the second s ranne narenn ukas

In the following example, *View Top 100 Rows* is being selected from the context menu.

The top 100 rows are returned from the database, as shown in the following image.

E	E Bit Data - PestperSQL (localitost-5532) - omnigen - public oz. consumption, reportory – 🗆 X									
File	File Edit View Tools Help									
E 🖬	🧶 📣 🛍 🎕 🗑 🝸 💡 🗄 100 rows	v								
	id [PK] character varying(255)	ods_name character varying(255)	last_modified_date timestamp without time zone	ods_layout text	project_name character varying(255)	status character varying(255)	subject character varying(255)	last_deployed_da timestamp without	ite at time zone	
1	lc95alcl-f743-4ee8-8bfd-d4bf5dc7fe8c	PersonMaster	2018-11-20 20:00:29.509		customer	COMPLETE	PersonMaster	2018-12-11 17:5	15:23.992	
2	2800c430-6f31-46c0-8a85-c50101a677ec	FacilityLocationl	2018-11-20 20:04:21.979		customer	COMPLETE	FacilityLocation	2018-12-11 17:3	35:23.992	
3	2a712041-a92c-4b49-8a19-a2b17d722f67	PersonMaster7	2018-11-20 20:07:17.777		customer	COMPLETE	PersonMaster	2018-12-11 17:7	35123.992	
4	3a32f46b-9151-418e-882c-aabf574fcb41	Facility3	2018-12-03 18:29:51.738		customer	COMPLETE	Facility	2018-12-03 18:3	31:32.689	
5	5d9e4fb5-f8e3-46ec-864f-3abebe910ea7	Facility	2018-11-20 20:09:03.186		customer	DEPRECATED	Facility			
6	8be0dafb-c271-4a25-aa84-d420c46e988d	SourceCodeSet	2018-11-20 20:06:02.28	("items":[("objType":"SourceName", "type":"string", "name":"SourceName"), (customer	COMPLETE	SourceCodeSet	2018-12-03 18:3	\$9:02.664	
7	93d3327e-667f-4e92-abc8-bd5614c95ef7	Organization	2018-11-20 20:04:44.132		customer	COMPLETE	Organization	2018-12-11 17:3	15:23.992	
8	996a5198-5362-4edd-b292-eee225b4a5ed	SourceCodeSet3	2018-11-20 20:06:23.544	("items":[("objType":"SourceName", "type":"string", "name":"SourceName"), [customer	COMPLETE	SourceCodeSet	2018-12-11 17:3	35:23.992	
9	9de70051-600b-4251-aa39-coddfbb35404	Facility5	2018-12-11 17:20:07.114		customer	COMPLETE	Facility	2018-12-11 17:3	35123.992	
10	a8252bc1-3c25-4845-9231-16b456056dfd	Person	2018-11-20 20:09:26.543		customer	DRAFT	Person			
11	af3e73f3-3022-4a56-a4cc-5d1fb006f330	SourceCodeMap	2018-11-20 19:59:54.113	("items":(("objType":"SourceName", "type":"string", "name":"SourceName"),(customer	COMPLETE	SourceCodeMap	2018-12-11 17:5	35:23.992	
12	blcc2ce0-f0ce-4c5d-9c0b-1f9c2fd4d5b1	SourceCodeMetadata2	2018-11-20 20:05:44.64	("items":[("objType":"SourceName", "type":"string", "name":"SourceName"), (customer	COMPLETE	SourceCodeMetadata	2018-12-11 17:5	35:23.992	
13	b4b8525a-1168-4647-bbfb-acbfe92964bc	Organization5	2018-11-20 20:05:05.648		customer	COMPLETE	Organization	2018-12-11 17:2	35123.992	
14	c47cfa52-d629-44db-81f6-63251a956209	SourceCodeMetadata	2018-11-20 20:05:26.744	("items":[("objType":"SourceName", "type":"string", "name":"SourceName"), (customer	COMPLETE	SourceCodeMetadata	2018-12-11 17:7	35123.992	
15	c73650f0-4719-4914-9657-ac7e3e9202d2	SourceCodeStandard4	2018-11-20 20:06:59.944	("items":[("objType":"BaseCode", "type":"code", "name":"BaseCode"), {"objTy	customer	COMPLETE	SourceCodeStandard	2018-12-03 18:	33:09.835	
16	4-31-457-1076-1076-1013-7#2021103400	Conseafinda@sandand	5018-11-30 30-02-38 602	International Constructions and a second standard and a second standards in the second		COMBT PTP	Courses/Ada@eandand	3018-13-11 13-1	16.11 661	1

The PG Admin view of the *os_consumption_repository* will match the ODS documents list in the Consumption View console (Output Documents view), as shown in the following image.

*						
	ODS Name	Subjecte	Status	Deployed?	Deployed Date	Modified Date
=	SourceCodeStandard4	SourceCodeStandard	COMPLETE	Yes	2018-12-03 18:33:09.835	2018-11-20 20:06:59:944
=	SourceCodeStandard	SourceCodeStandard	COMPLETE	Yes	2018-12-11 17:35 23:992	2018-11-20 20.06:38.906
×.	SourceCodeSet3	SourceCodeSet	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:06:23:544
=	SourceCodeSet	SourceCodeSet	COMPLETE	Yes	2018-12-03 18:39:02:664	2018-11-20 20:06:02:280
=	SourceCodeMetadata	SourceCodeMetadata	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:05:26:744
×.	SourceCodeMetadata2	SourceCodeMetadata	COMPLETE	Yes	2018-12-11 17 35 23 992	2018-11-20 20:05:44.640
Ξ×	SourceCodeMap	SourceCodeMap	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 19:59:54.113
=	SourceCodeMap2	SourceCodeMap	COMPLETE	Tes	2018-12-11 17:35 23:992	2018-11-20 20:01:17.289
=	PersonMaster	PersonMaster	COMPLETE	Yes	2018-12-11 17:35 23:992	2018-11-20 20:00:29:509
=	PersonMaster7	PersonMaster	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20:07:17.777
=	Person	Person	DRAFT			2018-11-20 20 09 26 543
×.	Organization	Organization	COMPLETE	Yes	2018-12-11 17:35 23:992	2018-11-20 20:04:44.132
=	Organization5	Organization	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20.05.05.648
×	FacilityLocation1	FacilityLocation	COMPLETE	Yes	2018-12-11 17:35:23:992	2018-11-20 20:04:21.979
=	FacilityLocation	FacilityLocation	COMPLETE	Yes	2018-12-11 17:35:23.992	2018-11-20 20.04.04.236

In addition, the PG Admin view will match the count of ODS documents as listed in the Input Documents view, as shown in the following image.

	Count	IDS Name			
= *	3	Facility			
= *	2	FacilityLocation			
= *	2	Organization			
≡ *	1	Person			
= *	2	PersonMaster			
= *	2	SourceCodeMap			
≡ *	2	SourceCodeMetadata			
= *	2	SourceCodeSet			
≡ *	2	SourceCodeStandard			

Viewing Updated Output Document Specifications in the Database

Perform the following steps once your Relational Database Management System (RDBMS) is open (as described in *Viewing Updated Tables in the Database* on page 60, steps 1 to 4).

1. Scroll down to the required Output Document Specification (ODS), which is listed as vw_table.

In the following example, *vw_facility7* is being selected.



2. Expand this node to view the columns in the updated ODS, as shown in the following image.

⊖ 👳 vw_fac	ility7
E- Co	umns (31)
-8	id
	omni_status
8	omni_status_reason
	source_name
	source_instance_id
	source_instance_id_name
	type
	type_id
	type_d
-8	type_p
	type_pid
	type_pd
	name
	source_status_code
	source_status_code_id
	source_status_code_d
-8	source_status_code_p
-8	source_status_code_pid
	source_status_code_pd
	source_created_date
-8	source_created_date_d
	source_created_date_t
	source_modified_date
-8	source_modified_date_d
-8	source_modified_date_t
-8	source_modified_by
	source_modified_bycopy_
	source_transaction_id
	ods_transaction_id
	u_omni_id
	omni_id

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