

Creating Dimension Groups and Dimension Structures



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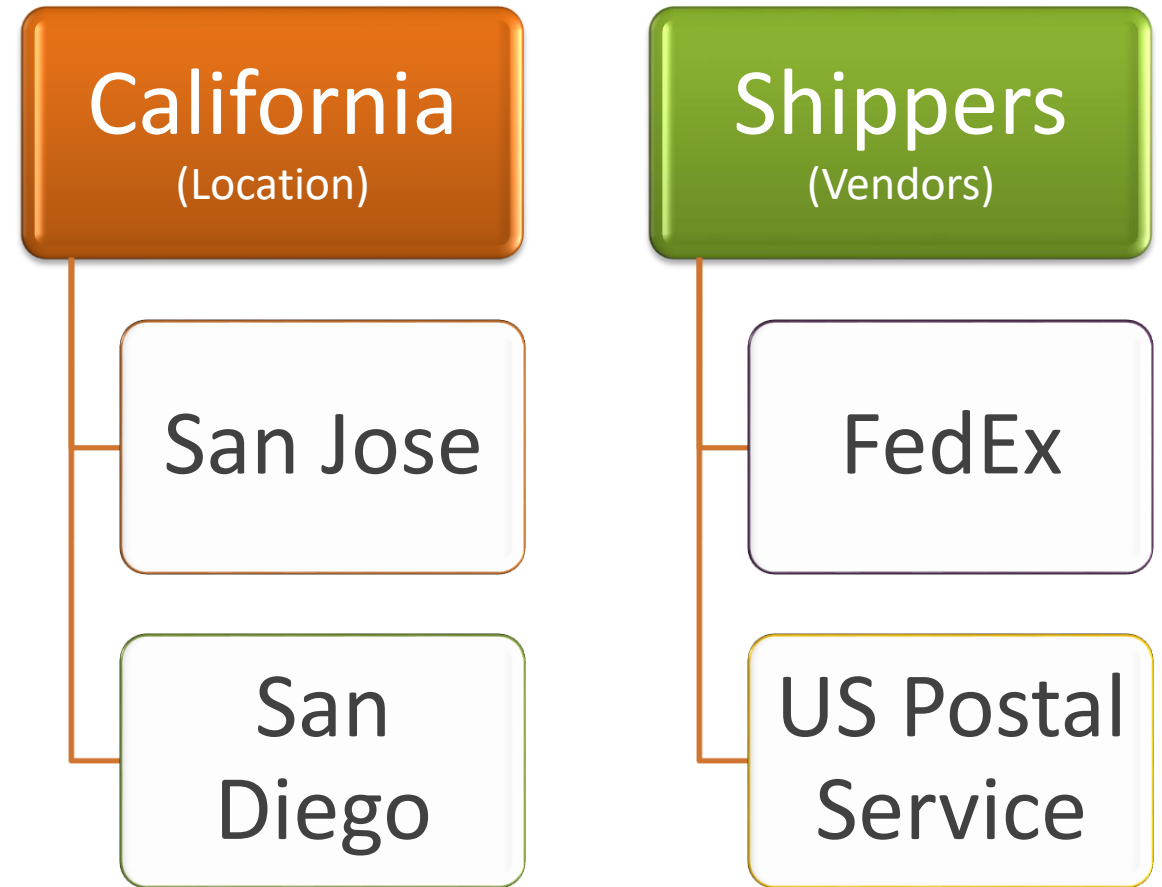
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Create Opportunities

Dimension Group

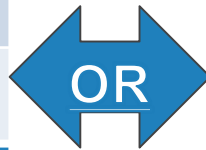
- A group of members in a dimension, such as customer, vendor, item, employee, department, location/entity, and class.



Dimension Structure

- Dimension structures are structures that represent dimensional data that you intend to use on the rows or columns of financial reports.

California	Revenue
San Jose	7,000
San Diego	5,000
Total California	12,000



Revenue	San Jose	San Diego	California
Services	4,000	3,000	7,000
Subscriptions	3,000	2,000	5,000
Total	7,000	5,000	12,000



Dimension Group

Creating and Using a Dimension Group

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Where are dimension Groups Located?

The screenshot displays the CliftonLarsonAllen (CLA) software interface. On the left, a navigation menu lists various modules: Reports (selected), Fixed Assets, Platform Services, Dashboards, Cash Management, Company, General Ledger, Accounts Payable, Accounts Receivable, Purchasing, and Additional Dimension. The main content area is titled 'Reports' and has two tabs: 'All' and 'Setup' (selected). The 'Setup' tab is divided into three columns: 'Accounts', 'Dimensions', and 'More'. The 'Accounts' column lists: Account group purposes, Account groups, and Statistical accounts. The 'Dimensions' column lists: Employees, Functions, Funders, Funds, Grants, Program_Projects, Schools, and Vendors. The 'More' column lists: Budgets, Cloud storage, Cover letters, Report audiences, Report groups, Report types, Reporting periods, and System reporting periods. The 'Dimensions' column is expanded, showing 'Dimension groups' and 'Dimension structures'. The 'Dimension groups' dropdown menu is open, listing: Employee, Function, Funder, Grant, Program_Project, School, and Vendor.

Navigation Menu	Accounts	Dimensions	More
Reports	+ Accounts	+ Employees	+ Budgets
Fixed Assets	+ Account group purposes	+ Functions	+ Cloud storage
Platform Services	+ Account groups	+ Funders	+ Cover letters
Reports	+ Statistical accounts	+ Funds	+ Report audiences
Dashboards		+ Grants	+ Report groups
Cash Management		+ Program_Projects	+ Report types
Company		+ Schools	+ Reporting periods
General Ledger		+ Vendors	System reporting periods
Accounts Payable			
Accounts Receivable			
Purchasing			
Additional Dimension			



Adding a Dimension Group

1. Display the **Dimension Group** list, and click Add to add a new group.
2. Enter an ID and Name for the **Dimension Group**.
3. Enter any description that will remind you of what this group includes or how it's used.
4. Select the type of Group

Location Group Information

Location group ID *

Name *

Description

Be sure to make the Dimension Group ID Unique, as it will be used in other areas of Intacct.

A well written Description will help you remember how the Group is used.

Location Group Information

Location group ID *

California

Name *


California


Description


Group of all California Locations

Select the type of group

- **Specific members**
 - Select the specific members of the Dimension Group.







Group type 

Specific members 


☐ Dimension structure 

Add group members one at a time.

Members


		Members	
	1	300--San Diego 	+ 
	2	400--San Jose	+ 
	3		+

Filters

	Field	Operator	Value	
1				+ 
2				+

Select the type of group

- All members
 - Filter for members based on criteria of your choice
 - Choose the Sort order and what field to sort by

Group type 

All members


Sort order

Ascending

Sort field


ID

Max matches

☐ Dimension structure 

The Filters Settings will determine the members of Group Type "All Members"

Filters

	Field	Operator	Value	
1	Parent	equals	30--California #30	+ 
2				+

Adding a Dimension Group

5. Select the *Dimension Structure* option to automatically create a *Dimension Structure* when the **Dimension Group** is created.
6. Save the newly created **Dimension Group**.

Performance Card Settings

Appearance Filters

Dashboard filtering
Allow

Department
No filter

Location
Specific location group

California--California

Dimension Groups can be used in Dashboard filters

Report Prompt

Select report type
HTML

Department
No filter

Location
California--California

As of date

Dimension Groups can become an option when generating reports.

General Ledger Report

Dimension report structure
All Locations

Department
No filter

Location
California--California

☒ Include subs

☒ Include subs

Dimension Groups can be used to filter General Ledger Reports.



Creating a Dimension Group in Intacct

Demonstration

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Dimension Structure

Creating and Using a Dimension Structure

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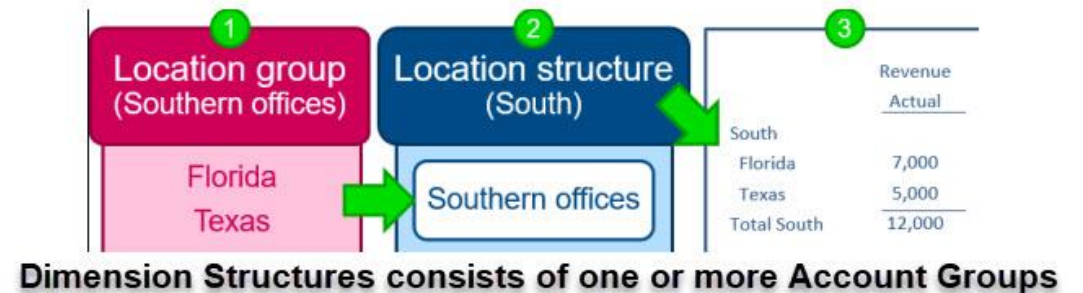
Creating a Dimension Structure

- **Dimension Structures** are created from *Dimension Groups*.
- A **Dimension Structure** can automatically be created from a *Dimension Group*.
- **Dimension Structures** Contain one or more *Dimension Groups*.
- Used in the Rows and Columns of Financial Reports.

	Revenue Actual
South	
Florida	7,000
Texas	5,000
Total South	12,000

	Florida Actual	Texas Actual	Total South Actual
Revenue			
Services	2,000	3,000	5,000
Subscriptions	5,000	2,000	7,000
Total Revenue	7,000	5,000	12,000

Dimension Structures used in Financial Reporting.



Dimension Structures consists of one or more Account Groups

Adding a Dimension Structure

1. Display the **Dimension Structure** list, and click Add to add a new Structure.
2. Enter a Name for the **Dimension Structure**.
3. Determine how you want the **Dimension Structure** to Display on Reports.
4. Select the Structure Type

Location Report Structure Information

Name *

Display total line as

Display on report as

Location Report Structure Information

Name *

Display total line as

Display on report as

Adding a Dimension Structure

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Location Report Structure Information

Name *

Display on report as

Display total line as

Location Report Structure Information

Name *

Display on report as

Display total line as

Selecting the Structure Type

- **Dimension groups**
 - This is a flat structure that contains the members of one or more dimension groups.

Structure type ?
Location groups

Contains members of dimension groups in a flat structure.

Specify Location groups to include

Location group

Add View Find

- Active Locations--Active Locations
- All--All Business Units
- All Locations--All Locations
- California--California
- Inactive Locations--Inactive Locations
- North--North Region
- SoCal--Southern California
- South--South Region
- Texas--Texas Region

Click the drop-down

Location groups


- California--California

Select the Dimension Groups to add to the Structure type "Dimension Group"

Selecting the Structure Type

- **Hierarchy of Dimension Structures**

- Contains other dimension structures, which enables you to show organization, groupings, and subtotals on reports.

Structure type 

Hierarchy of Location structures

Creates a hierarchy by including dimension report structures of the same type.

Specify Location report structures to include

Location report structure

[Add](#) [View](#) [Find](#)

All Locations

California

Florida

Texas Region

Want, click the


Location report structures

California

Florida

Texas Region

Hierarchy Created using the Dimension Structures



Lists of Dimension Structures previously created.

Example of Dimension Structure Types

Dimension Group

California	Revenue
San Jose	7,000
San Diego	5,000
San Francisco	12,000
Total California	24,000

Dimension Hierarchy

State	Revenue
California	
San Jose	7,500
San Diego	4,500
Total California	12,000
Texas	
San Antonio	6,500
Dallas	5,500
Total Texas	12,000
Total States	24,000



Dimension Structure

Demonstration

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Using Dimension Structures In Reports

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Financial Report Writer

Report Info

Tell us about your report

Rows

Report name

Identifies the report so you can find it later.

Report type

Report audience

☒ This report is active

Report structure ☒ Accounts ☐ Dimensions

Determine the basic report structure by selecting what appears in rows.

☒ Filter by dimension structure on rows

	Prior Month	Prior Quarter
Revenue		
Kentwood Advisors Corp	800,000	2,950,000
Robinson Consulting	600,000	1,500,000
Total Revenue	1,400,000	4,450,000
Expenses		
Andrews implementation	40,000	75,000
Garcia Media design	10,000	15,000
Total Expenses	50,000	90,000

Accounts in rows: Filtered by dimension on rows

Select this report structure to display account data on rows, with the option to filter by different dimension data.

In this example: Revenue is filtered for customers, while Expenses are filtered for projects. In both cases, the detail level on rows is set to show individual customers and projects.

[? Tell me how to create this report](#)



Create Opportunities



Report Info

Define rows — Dimension Report

Rows

Row Structure ?

Filter by dimension structure ?

Detail level ?

Basis for amounts

Always display ?

Columns

Select account groups

Set dimension

Computations

[-] Net Income (Loss) ▶

[-] Gross Profit ▶

Filters

Sales ▶

Cost Of Sales ▶

Format

General And Administrative ▶

Permissions

Next Steps

Set dimension structure – all rows

X

Filter all rows by dimension structure to include just the data you want, such as only certain locations, project types, or customer channels.

Dimension Location ▼

Dimension structure

▼

+ Add

View

Find ...

Location Structures

All Locations

California

Florida

Texas Region

tips:

• You can also select

• The selected dimension

Detail level for a

to show additional rows by dimension.

OK

Clear

Cancel



Using Dimension Structures in Reporting

- By indicating “filter by dimension on rows” in the financial report writer, you can select a dimension Structure to breakdown sales data by state

Intacct MES - Dimension Report

Dimension Report	
	Year Ending 12/31/2013
	Actual
▼ Net Income (Loss)	
▼ Gross Profit	
▼ Sales	
Southern USA	
California	39.00
Florida	1,299.00
Texas	2,099.00
Total Southern USA	3,437.00
Total Sales	3,437.00
▶ Cost Of Sales	1,200.00
Total Gross Profit	2,237.00
▶ General And Administrative	2,400.00
Total Net Income (Loss)	(163.00)

Financial Report Writer

As of date



Report Info	Add columns — Dimension Report		
Rows	Column 1 ▾	Column 2 ▾	
Columns	Column type	Account name	Actual
Computations	Calculation details		
Filters	Amount type		
Format	Reporting period		
Permissions			
Next Steps	Column header	Period name Period date	
	Dimension structure	Set across columns...	
	Expand by		
	Total		

Set dimension structure

Select the dimension structure that you want to set for this column.

Dimension

Dimension structure

Note: Select the dimension structure to use for filtering this column.

Column heading 1 ?

Column heading 2 ▾

Column title

Dimension structure ?

Expand by ▾ ?



Create Opportunities

Using Dimension Structures in Reporting

- By expanding the columns by the Dimension Structure, you are able to produce a comparative report with a total for each Dimension Group.

Dimension Report				
	Southern USA			
	California	Florida	Texas	Southern USA
	Year Ending	Year Ending	Year Ending	Year Ending
	12/31/2013	12/31/2013	12/31/2013	12/31/2013
	Actual	Actual	Actual	Actual
▼ Net Income (Loss)				
▼ Gross Profit				
▼ Sales				
Sales	39.00	909.00	2,099.00	3,047.00
Sales- Security Cameras	0.00	390.00	0.00	390.00
Total Sales	39.00	1,299.00	2,099.00	3,437.00
▼ Cost Of Sales				
Cost Of Goods Sold	15.00	735.00	450.00	1,200.00
Total Cost Of Sales	15.00	735.00	450.00	1,200.00
Total Gross Profit	24.00	564.00	1,649.00	2,237.00
▼ General And Administrative				
Travel & Entertainment- Lodging	0.00	0.00	1,400.00	1,400.00
Travel & Entertainment- Other	0.00	0.00	1,000.00	1,000.00
Total General And Administrative	0.00	0.00	2,400.00	2,400.00
Total Net Income (Loss)	24.00	564.00	(751.00)	(163.00)



Dimension Structures in Report Writer

Demonstration

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Bonus Tips & Tricks

- From the dimension group list, click Members to quickly see the existing members of the group.
- Some dimension groups, such as customers, vendors, and items, can be found on multiple menus.
- You can view dimension structures from within the Financial Report Writer, at the time that you add a structure to a row or column.
- Use Dimension Groups to automatically filter components on a Dashboard
- If you want to select "one of" something, such as departments where the manager is either Jim, Sue, or Terri, create several filters and use the Any (OR) filter condition.



BONUS Tips & Tricks

- Dimension Groups work with Custom Fields!

☰ Location Information

Location

ID ⓘ
Austin

Name *

Parent

Tax ID

Manager

Status

U.S. State *

Custom Field

Key Points to Recap

- Dimension Groups and structures allow you to group dimensional data for strategic reporting
- Filtering by all members group type allow for dynamic groupings that are simple and scalable for your reporting needs
- Custom fields allow you to link unique reporting attributes to your dimension records



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