



Using Solver xFP&A With Microsoft Dynamics

February 27, 2025

U.S. Presence

Top 10

U.S. Public
Accounting Firm*

\$2.2bn

Revenue
(FY2024)

76

Markets

29

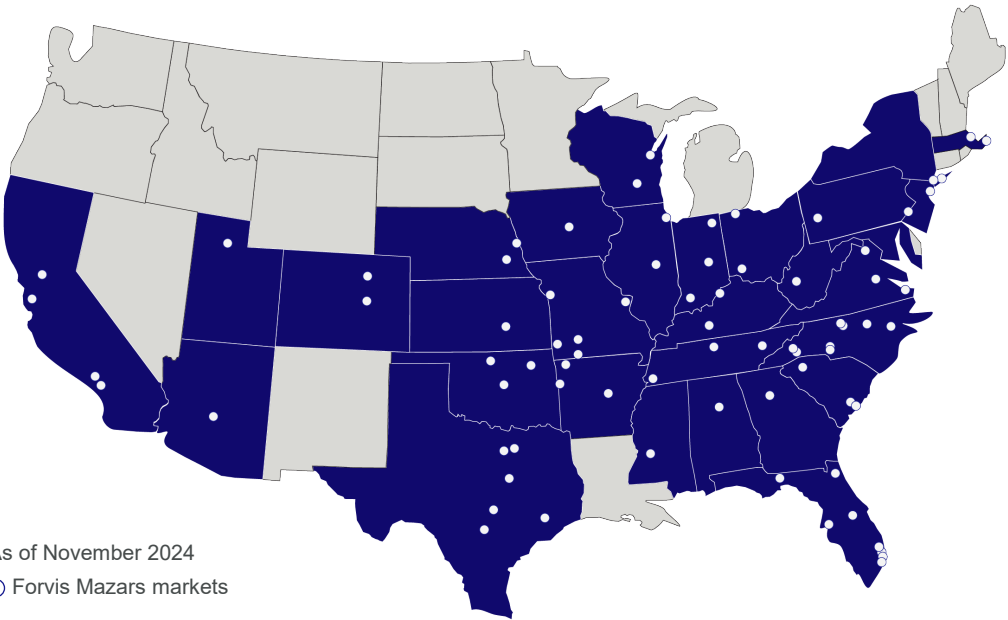
States

600+

Partners &
Principals

7,000+

Employees



Alabama
Birmingham

Arizona
Phoenix

Arkansas
Fort Smith
Little Rock
Rogers

California
Irvine
Los Angeles
Sacramento
San Jose

Colorado
Colorado Springs
Denver

Florida
Boca Raton
Fort Lauderdale
Jacksonville
Miami
Orlando
Tallahassee
Tampa Bay
West Palm Beach

Georgia
Atlanta

Illinois
Chicago
Decatur

Indiana
Evansville
Fort Wayne
Indianapolis

Iowa
Des Moines

Kansas
Wichita

Kentucky
Bowling Green
Louisville

Massachusetts
Boston Brewster
Boston-Chestnut Hill

Mississippi
Jackson

Missouri
Branson
Joplin
Kansas City
Springfield
St. Louis

Nebraska
Lincoln
Omaha

New Jersey
Iselin

New York
Long Isl&
New York City

North Carolina
Asheville
Charlotte SouthPark
Charlotte Uptown
Greensboro
Greenville
Hendersonville
Raleigh
Winston-Salem

Ohio
Cincinnati
Toledo

Oklahoma
Enid
Oklahoma City
Tulsa

Pennsylvania
Fort Washington
Pittsburgh

South Carolina
Charleston
Greenville
Summerville

Tennessee
Knoxville
Memphis
Nashville

Texas
Austin
Dallas
Fort Worth
Houston
San Antonio
Waco

Utah
Salt Lake City

Virginia
Norfolk
Richmond
Tysons

West Virginia
Charleston

Wisconsin
Appleton
Madison

* Source: Inside Public Accounting, based on most recent rankings
FY2024 combined revenues: FORVIS & Mazars USA
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Business Technology Services


Forvis Mazars provides enterprise resource planning (ERP) & customer relationship management (CRM) platform analysis, design, implementation, upgrade, training, & support services.

Our end-to-end solutions help clients achieve their digital transformation goals by:

- Creating effective processes & strategies for future operations
- Designing & implementing modern operational systems
- Reviewing new business-facing technologies
- Leveraging existing investments in legacy technologies
- Integrating data solutions



Business Technology Services

 **ERP**


Microsoft Dynamics 365

Finance	Supply Chain
Commerce	Project Operations
Business Central	Dynamics GP

NetSuite

Sage & Sage Intacct

Trimble Construction One


 **CRM**

Microsoft Dynamics 365

Sales	Customer Service
Customer Insights	Field Service

Salesforce

Marketing Automation

 **Advanced Technology**

Insights

Microsoft Power BI

Solver Planning & Analysis

Automation

Microsoft Power Platform

Robotic Process Automation (RPA)

App Development

 **Managed Services** for business applications, IT, & cybersecurity support.

Microsoft Partner

ORACLE
NetSuite
Solution Provider Partner

Sage Partner

salesforce **PARTNER**


solver

Trimble
Construction One™

**forvis
mazars**

Today's Presenter

Business Technology Services Practice

“Our team is focused on delivering an Unmatched Client Experience® on every engagement.”

– Chad Back, Partner



Charles Allen

Senior Managing Consultant

charles.allen@us.forvismazars.com



Using Solver xFP&A With Microsoft Dynamics

February 27, 2025

Objectives

- Recognize Solver's integration with Microsoft Dynamics products
- Explain report & plan creation in Solver
- Describe how to use Solver's data warehouse for multiple systems
- Define how Solver's data warehouse can be used with Power BI



Agenda

1. What is Solver xFP&A?
2. Reporting & Planning in Dynamics
3. Dynamics Integration
4. Reporting
5. Planning
6. Power BI



01

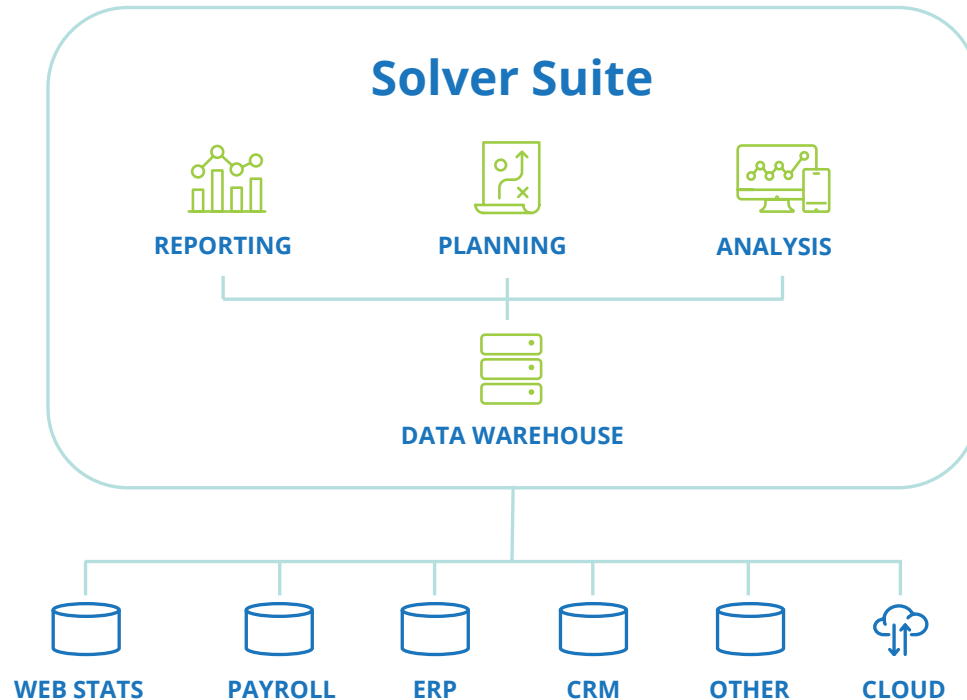
What Is Solver xFP&A?



What Is Solver xFP&A?

Extended Financial Planning & Analysis

An Overview



Benefits

- Single cloud portal & database
- Integration to multiple source systems
- Pre-built templates

Solver Apps

- Process automation
- KPIs & alerts
- Dashboards
- Reporting & consolidation
- Budgeting & forecasting
- Data warehouse
- Template marketplace

Solver xFP&A

Case Studies

Dynamic GP

- Beverage distribution
- Reporting for multiple divisions
- Planning
 - Financial
 - Marketing
 - Revenue
- Replace FRx/Forecaster

Dynamics 365 Business Central

- Hospice
- Consolidated financial reports
- GL data
- Automated board reports
- Reporting in 10 minutes instead of two days

Dynamics 365 Finance

- Healthcare
- GL data from ERP system
- Non-GL data from EHR system
- Reporting & planning

02

Reporting & Planning in Dynamics



Reporting & Planning in Dynamics

Built-In & Popular Options

ERP	Reporting	Planning
Dynamics GP	<ul style="list-style-type: none">• Management Reporter• SmartList• SQL Server Reporting Services• Power BI	<ul style="list-style-type: none">• Budget Excel Wizard• Forecaster (retired)
Business Central	<ul style="list-style-type: none">• Financial Reporting• Lists• Power BI	<ul style="list-style-type: none">• G/L Budgets• Cost Budget per Period
Finance & Supply Chain Management	<ul style="list-style-type: none">• Financial Reporting (Management Reporter)• Lists• Power BI	<ul style="list-style-type: none">• Budget Planning

Reporting & Planning in Dynamics Management Reporter

Row Definition

Row Definition - Summary Income Statement - Default - Management Reporter										
File Edit View Format Company XBRL Go Tools Window Help										
New [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons]										
Default Segoe UI 8.25 [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons] [Icons]										
A100 100										
Row Definitions										
Row Definitions										
Detailed Income Statement										
Test										
Default Row Definitions										
Balance Sheet - Default										
Balance Sheet and Income Statement Side by Side - Default										
Cash Flow - Default										
Expenses - Default										
Ratios - Default										
Sales - Default										
Side by Side Balance Sheet - Default										
Summary Income Statement - Default										
Trial Balance - Default										
Report Definitions										
Row Definitions										
Column Definitions										
Reporting Tree Definitions										
Report Groups										
Report Schedules										
Security										

Reporting & Planning in Dynamics

Business Central GL Budget

Data Entry Window

← Budget

✎

🔗

+

🗑

✓ Saved

🔗

🔗

BEST CASE

Home

Period

Column

Report

📄 Import from Excel...

📄 Export to Excel...

📄 Copy Budget...

🗑 Delete Budget

↔ Reverse Lines and Columns

General

Budget Name

BEST CASE

Show as Columns

Period

Rounding Factor

None

Show as Lines

G/L Account

View by

Month

Show Column Name

☒

Budget Matrix

Balance

📄 G/L Account Balance/Budget

Code	Name	Budgeted Amount	Jan 2025	Feb 2025	Mar 2025	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025	Sep 2025	Oct 2025	Nov 2025	Dec 2025
→ 40000	INCOME STATEMENT	—												
40001	Income	—												
40100	Sales of Goods	—												
40110	Sale of Raw Materials	—												
40130	Sale of Finished Goods	—												
40140	Resale of Goods	—												
40199	Total, Sales of Goods	—												
40200	Sales of Resources	—												
40210	Sale of Resources	—												
40220	Sale of Subcontracting	—												
40299	Total, Sales of Resources	—												
40300	Additional Revenue	—												

Filters >

01/01/25..12/31/25 Income Statement

03

Dynamics Integration



Integration Dynamics GP

Options

Gateway Connector

- SQL & files
- Utilize SQL views & tables
- Import from any data
- Multicompany reporting

Hybrid Connector

- Live connection
- Connect to all GP data
- One company at a time

Dynamics GP Hybrid Connector

Default Data Sources

Finance – GL/Bank
Rec/AA

Sales Order –
AR/SOP/Invoicing

Purchasing –
AP/POP/Requisitions

Inventory – Inventory

Payroll –
Payroll/Direct Deposit

Human Resources

Fixed Assets

Manufacturing –
BOM/Order
Master/PickList

Project Accounting

Field Service –
Contract

Integration Business Central

Options

Solver Extension

- GL
- AP
- AR
- Sales
- Fixed Assets
- GL Budget Data

Web Services

- All web services available within Business Central

Integration

Dynamics Finance & Supply Chain Management

Options

Solver Extension

- GL

Synapse

- Azure SQL connector
- Any data exposed

Reporting & Planning in Dynamics

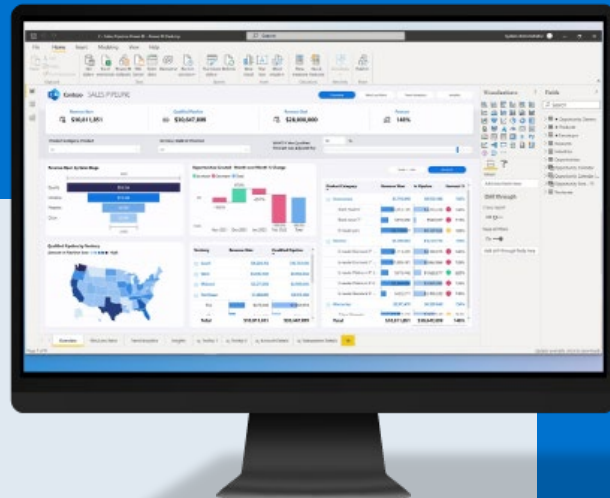
Dynamics SL

Gateway Connector

SQL views & tables

Demo

Microsoft
Partner



04

Reporting



Reporting

The Solver Experience

Components

Report Designer for Users Creating Reports

- Excel add-in
- Utilizes Excel skills

Ad Hoc Reporting

- Available for Standard & Viewer user types
- Power BI-like experience

Archive Reports

- Saved instances
- Available for all user types

Designing Reports Components

Excel add-in

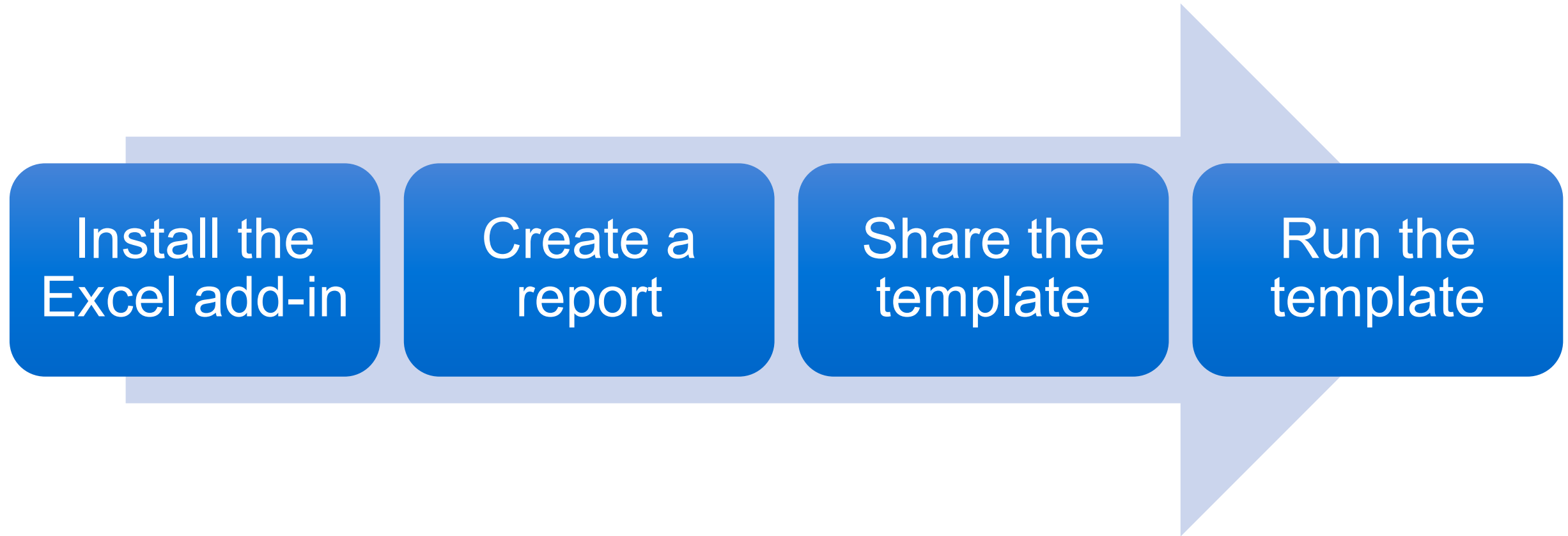
Standard user license

Report designer permissions

Reporting

The Solver Experience

Steps to Create Reports


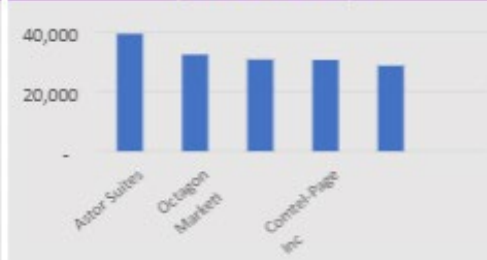


8 Quarter Rolling P&L



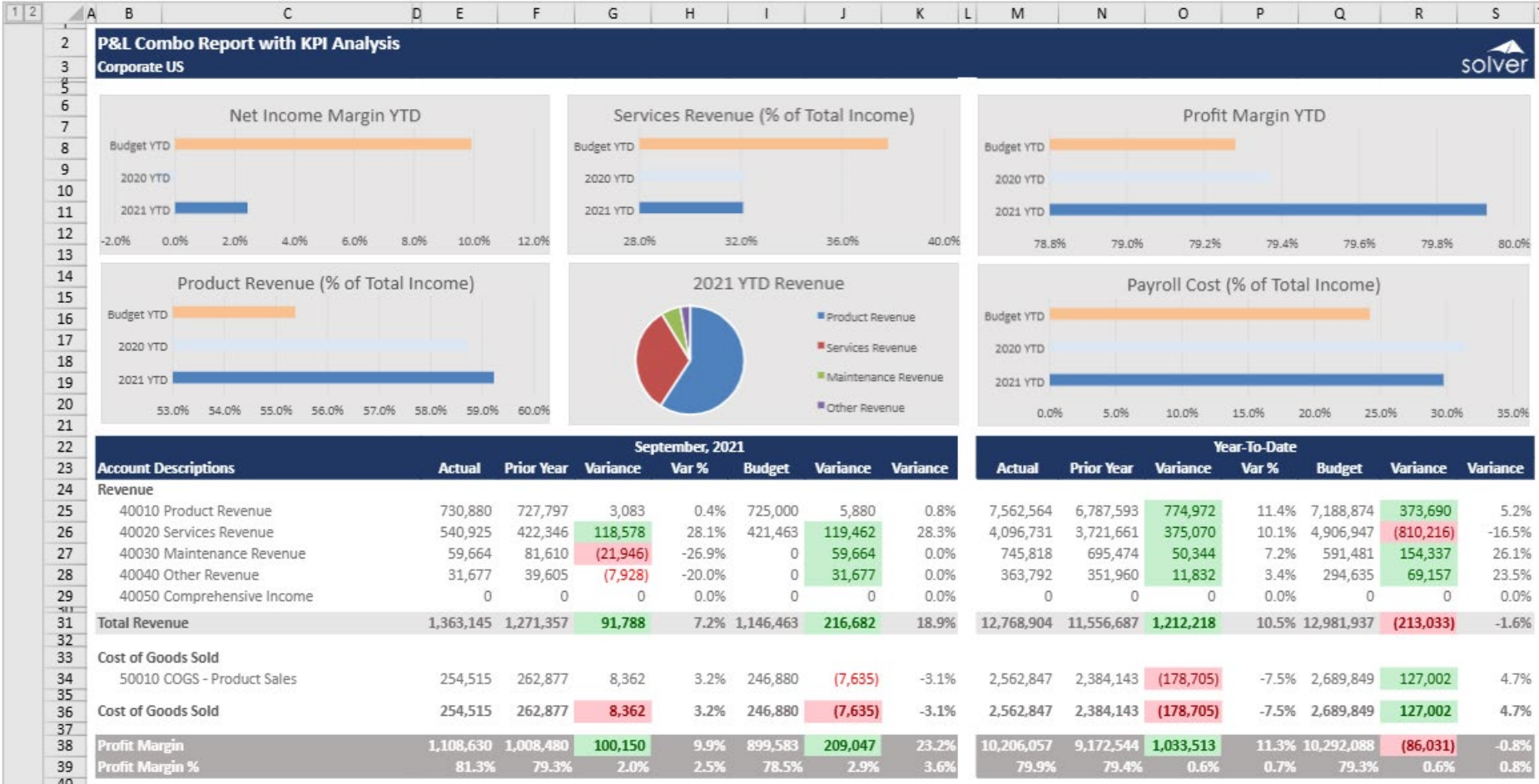
Reporting Template Examples

Sales Report

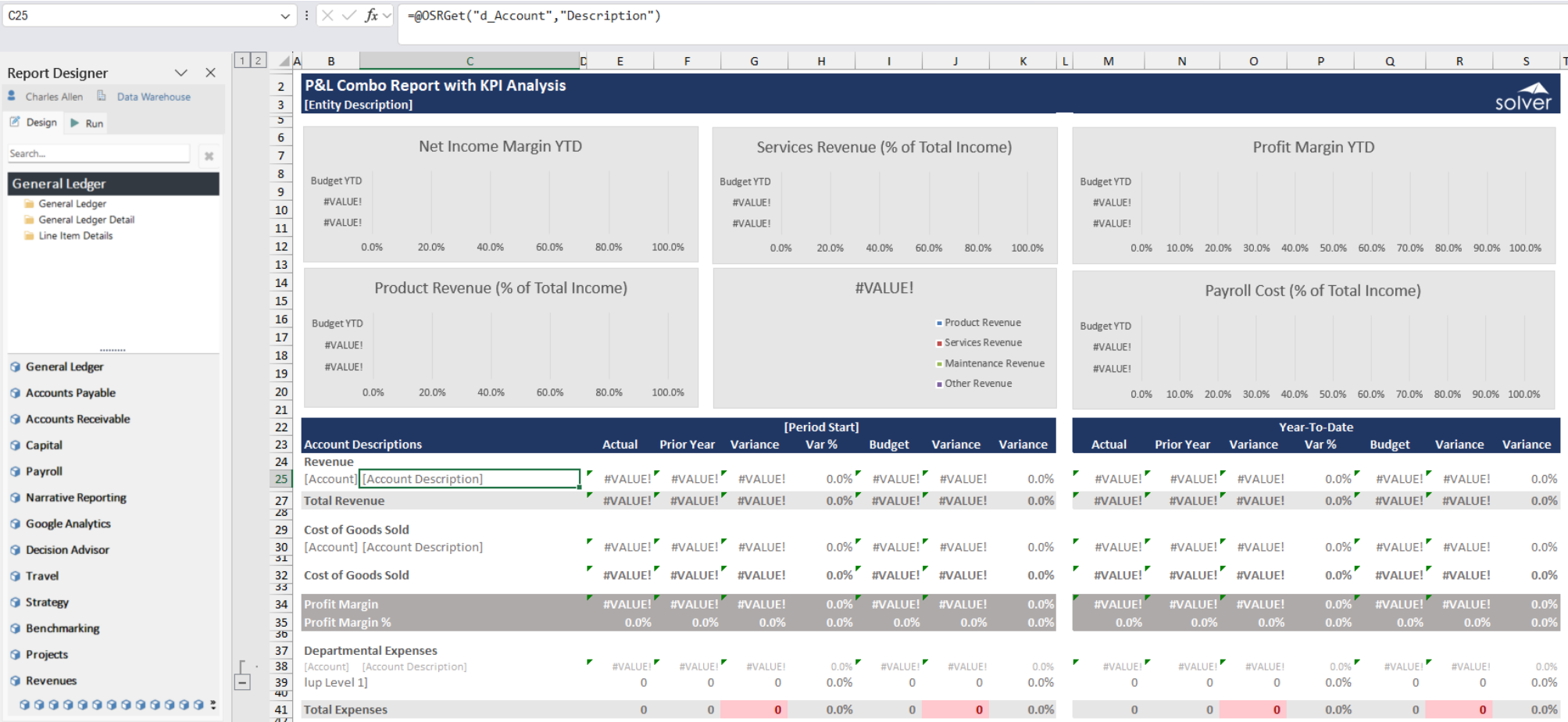
1	2	A	B	C	D	E	F	G	H	I	J	K	L
	1	Open Sales Orders											
	2												
	3	As of:	September 30, 2021				Entity:	SAS			Order Status:	Open	
	4												
	5	Customers with Open Orders (#)				TOP 5 CUSTOMERS WITH OPEN ORDERS				TOP 5 OPEN ORDERS			
	6	30											
	7												
	8	Number of Open Orders											
	9	64											
	10												
	11	Total Amount of Open Orders											
	12	1,039,478											
	13												
	14												
	15	Total Open orders are 1,039,478.01, and the customer with the highest open orders is Astor Suites.											
	16												
	17	Customer No.	Customer Name	Order Number	Order Status	Order Date	Requested Delivery Date	Currency	Outstanding Amount				
+	18	AARON0001	Aaron Fitz Electrical						52,710				
+	23	ALTON0001	Alton Manufacturing						38,564				
+	27	ASTOR0001	Astor Suites						82,164				
+	32	BLUEY0001	Blue Yonder Airlines						47,391				
+	36	BOYLE0001	Boyles Country Inns						19,139				
+	40	CELLU0001	Cellular Express						59,757				
+	45	CENTR0001	Central Distributing						47,098				
+	49	CENTR0002	Central Communications LTD						47,850				
+	53	COMPU0001	Computerized Phone Systems						47,780				
+	57	COMPU0004	Compu-Tech Solutions						23,250				
+	60	COMTE0001	Comtel-Page Inc.						62,085				

Reporting

Viewing a Report



Reporting Report Design



Reporting

Ad Hoc Reporting

Self-Service

Ad Hoc Reporting > Revenue by Period

SaveExportRevert to savedPivot

Data Warehouse

Revenue by Period

Account Description	202101	202102	202103	202104	202105	202106	Total
	Monthly Amount	Monthly Amount	Monthly Amount	Monthly Amount	Monthly Amount	Monthly Amount	Monthly Amount
Services Revenue	1,112,763.82	1,222,493.76	625,499.61	446,335.96	156,738.49	856,318.77	296,970.01
Maintenance Revenue	96,694.74	75,776.39	-108,513.22	53,591.62	10,687.44	-43,982.46	-659,871.63
Other Revenue	-56,726.63	955.59	-50,243.25	-13,713.05	-34,139.53	-61,099.67	-833,320.96
Product Revenue	919,402.17	-3,206,190.89	-270,295.80	601,453.94	854,655.87	-88,817.95	-9,674,366.76
Total	2,072,134.11	-1,906,965.14	196,447.33	1,087,668.47	987,942.27	662,418.69	-10,870,589.33

Filters

Period

is Year To Date

AccountCategory

is Revenue

Fields

Module

General Ledger

Search

General Ledger

Account

Category

Corresponding Entity

Currency

Department

Entity

Interco Parent

Line Details

Minority Parent

Period

Scenario

Source System

Entry No

Level One Approval Co...

Level Two Approval Co...

Report Result Comme...

RowComment

Tree

Trx Date

Variance Comments

Annual Amount

Monthly Amount

Other Amount

Other

General Ledger Detail

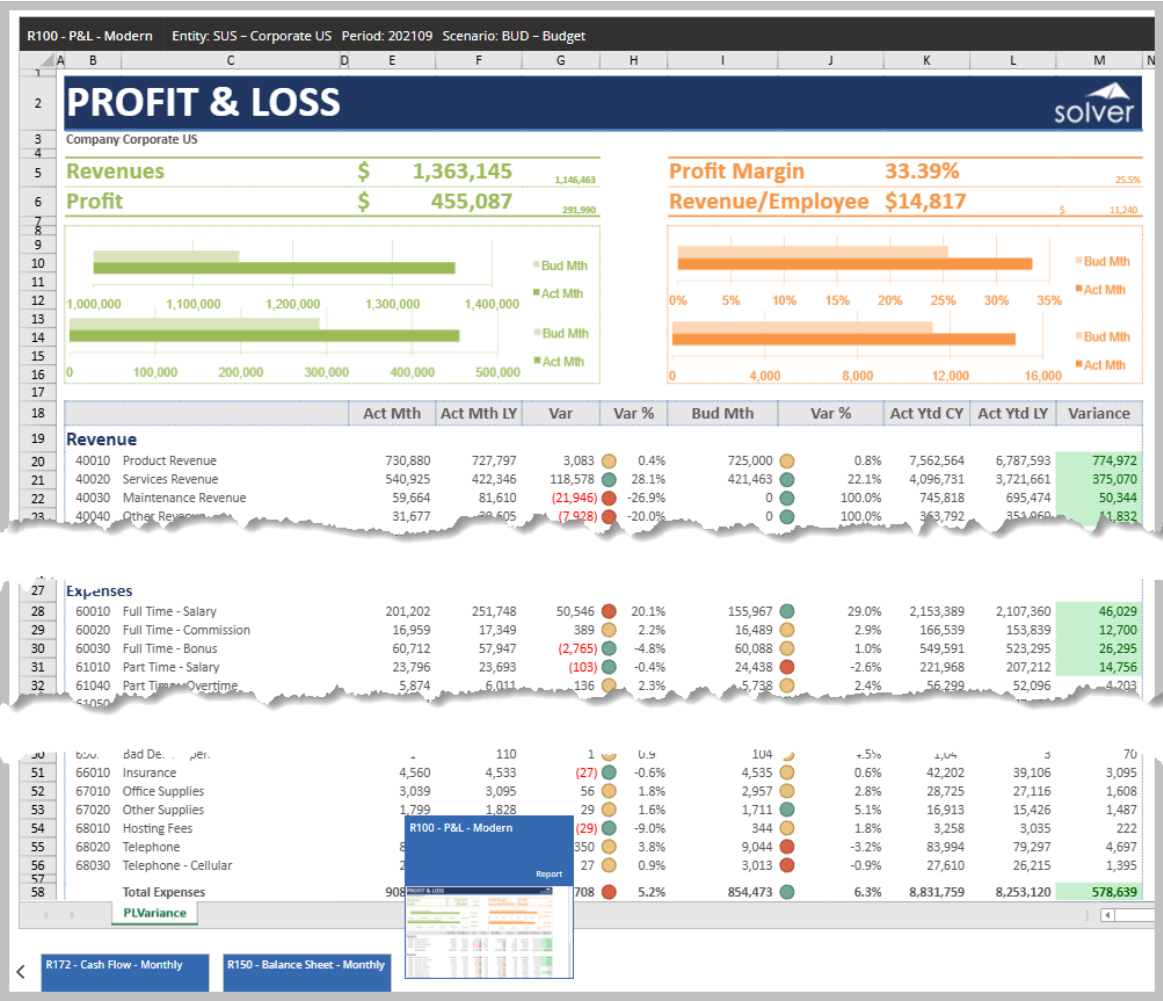
Line Item Details

Rows: 36Row limit: 10,000

Last refreshed: 30 seconds agoDuration: 0.76sRefresh

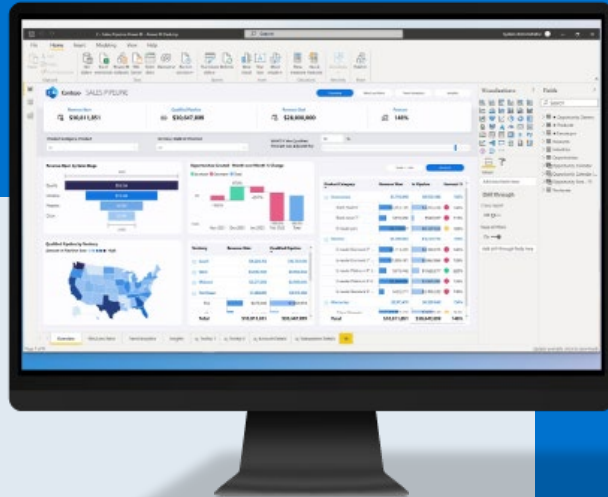
Reporting Report Archive

Viewing Shared Reports



Demo

Microsoft
Partner



05

Planning



Planning

The Solver Experience

Components

Excel-based design

Driver-based

Workflow

Line-item details

Comments

Reporting The Solver Experience

Five-Year Forecast

	A	C	D	E	F	G	H	I	W	X	Y	Z	AA	AB	AC	AD
2	Profit & Loss -Five Year Forecast Template															
3	Entity: SUS - Corporate US															
7				Current YTD	Current Year	Current Year	Current Year		2022	2023	2024	2025	2026			
8				Actual	Annualized	Forecast	Budget		Forecast	Forecast	Forecast	Forecast	Forecast			
9	REVENUE															
10	40010	Product Revenue		3,210,717	9,632,151	5,652,168	10,393,724		0	0	0	0	0			
11	40020	Services Revenue		1,618,203	4,854,608	3,160,578	5,657,560		0	0	0	0	0			
12	40030	Maintenance Revenue		316,319	948,956	549,243	1,040,925		0	0	0	0	0			
14	Total Sales Revenue			5,145,238	15,435,715	9,361,988	17,092,209		-	-	-	-	-			
15	40040	Other Revenue		151,973	455,918	292,793	518,645		0	0	0	0	0			
17	Total Other Revenues			151,973	455,918	292,793	518,645		-	-	-	-	-			
19	TOTAL REVENUE			5,297,211	15,891,633	9,654,781	17,610,854		-	-	-	-	-			
20	COST OF GOODS SOLD															
21	50010	COGS - Product Sales		1,056,221	3,168,662	1,949,025	3,593,001									
23	Total Cost of Sales			1,056,221	3,168,662	1,949,025	3,593,001		-	-	-	-	-			
25	TOTAL COST OF GOODS SOLD			1,056,221	3,168,662	1,949,025	3,593,001		-	-	-	-	-			
27	GROSS PROFIT			4,240,990	12,722,971	7,705,756	14,017,853		-	-	-	-	-			
28	OPERATING EXPENSES															
29	60010	Full Time - Salary		914,088	2,742,264	1,672,863	3,000,261									
30	60020	Full Time - Commission		69,467	208,400	132,755	229,580									
31	60030	Full Time - Bonus		231,275	693,824	430,286	767,155									
32	61010	Part Time - Salary		93,958	281,874	174,119	307,512									
33	61040	Part Time - Overtime		23,434	70,303	42,988	77,911									
34	61050	Part Time - Bonus		35,398	106,193	66,081	116,492									
35	61500	Payroll Taxes - FICA		165,997	497,991	307,751	543,530									
36	61510	Payroll Taxes - FUTA		23,484	70,452	44,119	77,032									
37	61520	Payroll Taxes - SUTA		23,287	69,861	43,350	77,027									
38	61530	Payroll Taxes - Workers Compensation		22,738	68,213	43,613	76,708									
39	61540	Benefits		4,753	14,258	8,467	15,558									
41	Total Salaries and Benefits			1,607,878	4,823,633	2,966,391	5,288,766		-	-	-	-	-			
42	62010	Marketing		1,892,953	5,678,859	3,536,017	6,243,373									
43	62020	Conference and seminars		16,404	49,213	30,627	53,426									
44	62030	Advertising		5,622	16,865	10,575	18,584									
45	62040	Gift and donations		570	1,710	1,054	1,862									

Top-Down Forecast

Reporting The Solver Experience

Payroll Budget

Report parameters ^

Choose Entity

Choose Department(s)

Choose Scenario

Choose Forecast Version

Choose Last Actual Peri...

Run

Save data

Last run: a few seconds ago

	A	G	H	I	Q	R	S	T	W	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP
2			Payroll Budget																						
3			Corporate US	SUS																					
4			Administration	100																					
5			Budget	BUD																					
11																									
12			Employee		%	\$	Ending	Ending	Benefits	Salary												Total			
13			Name	Title	Increase	Increase	Rate	Salary	Eligible (Y/N)	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Salary	Jan-22	Feb-22	Mar-22
14			Administration																						
15			Full Time Employees																						
16			Freddie Mauer	Chief Executive Officer			95.67	199,000		16,901	15,266	16,901	16,356	16,901	16,356	16,901	16,901	16,356	16,901	16,356	16,901	199,000	19,522	17,197	19,039
17			Emily Martinez	CFO			92.75	192,920		16,385	14,799	16,385	15,856	16,385	15,856	16,385	16,385	15,856	16,385	15,856	16,385	192,920	18,941	16,671	18,458
18			Dustin McCann	COO			91.88	191,115		16,232	14,661	16,232	15,708	16,232	15,708	16,232	16,232	15,708	16,232	15,708	16,232	191,115	18,768	16,515	18,285
19			Justin Posada	Administrative Assistant			26.25	54,600		4,637	4,188	4,637	4,488	4,637	4,488	4,637	4,637	4,488	4,637	4,488	4,637	54,600	5,544	4,881	5,224
20			Joanne Suzuki	Administrative Assistant			21.88	45,515		3,866	3,492	3,866	3,741	3,866	3,741	3,866	3,866	3,741	3,866	3,741	3,866	45,515	4,621	4,150	4,355
21			Chris Molina	Administrative Assistant			24.58	51,135		4,343	3,923	4,343	4,203	4,343	4,203	4,343	4,343	4,203	4,343	4,203	4,343	51,135	5,192	4,602	4,892
22			Luis Pierzynski	Vice President			84.00	174,720		14,839	13,403	14,839	14,361	14,839	14,361	14,839	14,839	14,361	14,839	14,361	14,839	174,720	17,199	15,099	16,716
23			Tracy Molina	Vice President			83.13	172,915		14,686	13,265	14,686	14,212	14,686	14,212	14,686	14,686	14,212	14,686	14,212	14,686	172,915	17,027	14,943	16,544
24			To Be Hired #1	Vice President			84.13	175,000	Y	0	0	0	14,384	14,863	14,384	14,863	14,863	14,384	14,863	14,384	14,863	131,849	0	0	0
25			To Be Hired #2	Accountant	10.00%		29.09	60,500	Y	0	0	4,671	4,973	5,138	4,973	5,138	5,138	4,973	5,138	4,973	5,138	50,253	0	0	5,984
26			To Be Hired #3	Accountant			12.02	25,000	N	0	0	2,123	2,055	2,123	2,055	2,123	2,123	2,055	2,123	2,055	2,123	20,959	0	0	2,538
27			To Be Hired #4	Accountant			16.83	35,000	N	0	2,685	2,973	2,877	2,973	2,877	2,973	2,973	2,877	2,973	2,877	2,973	32,027	0	3,210	3,554
29							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
34																									
35			Total Full Time							91,889	85,682	101,656	113,213	116,986	113,213	116,986	116,986	113,213	116,986	113,213	116,986	1,317,009	106,814	97,268	115,590
36																									
37			Part Time Employees																						
38			Chris Martin	Receptionist			15.00	31,200		2,650	2,393	2,650	2,564	2,650	2,564	2,650	2,650	2,564	2,650	2,564	2,650	31,200	3,168	2,861	3,120
39			Sophia Baker	Office Manager			17.00	35,360		3,003	2,713	3,003	2,906	3,003	2,906	3,003	3,003	2,906	3,003	2,906	3,003	35,360	3,590	3,243	3,472
40			Clint Doumit	Receptionist			18.00	37,440		3,180	2,872	3,180	3,077	3,180	3,077	3,180	3,180	3,077	3,180	3,077	3,180	37,440	3,801	3,434	3,647
41			Oriando Iannetta	Contractor			20.00	41,600		3,533	3,191	3,533	3,419	3,533	3,419	3,533	3,533	3,419	3,533	3,419	3,533	41,600	4,224	3,815	3,999
43							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47							0.00	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48																									
49			Total Part Time							12,366	11,169	12,366	11,967	12,366	11,967	12,366	12,366	11,967	12,366	11,967	12,366	145,600	14,784	13,353	14,238
50																									
51							60010	Full Time - Salary		91,889	85,682	101,656	113,213	116,986	113,213	116,986	116,986	113,213	116,986	113,213	116,986	1,317,009			

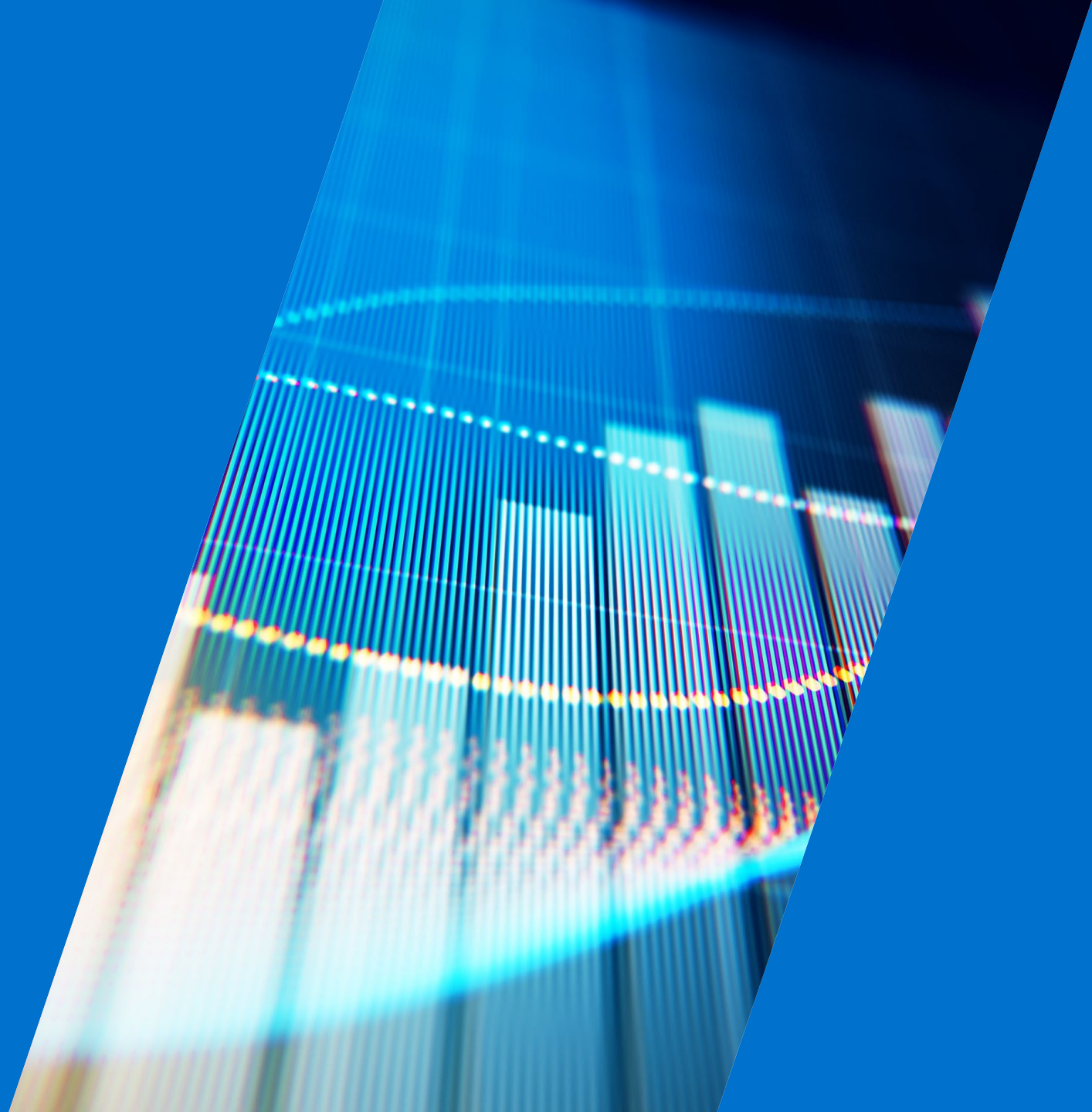
Payroll Directions

Ready

Spreading and Line item details ^

06

Power BI



Power BI

Connection & Reporting

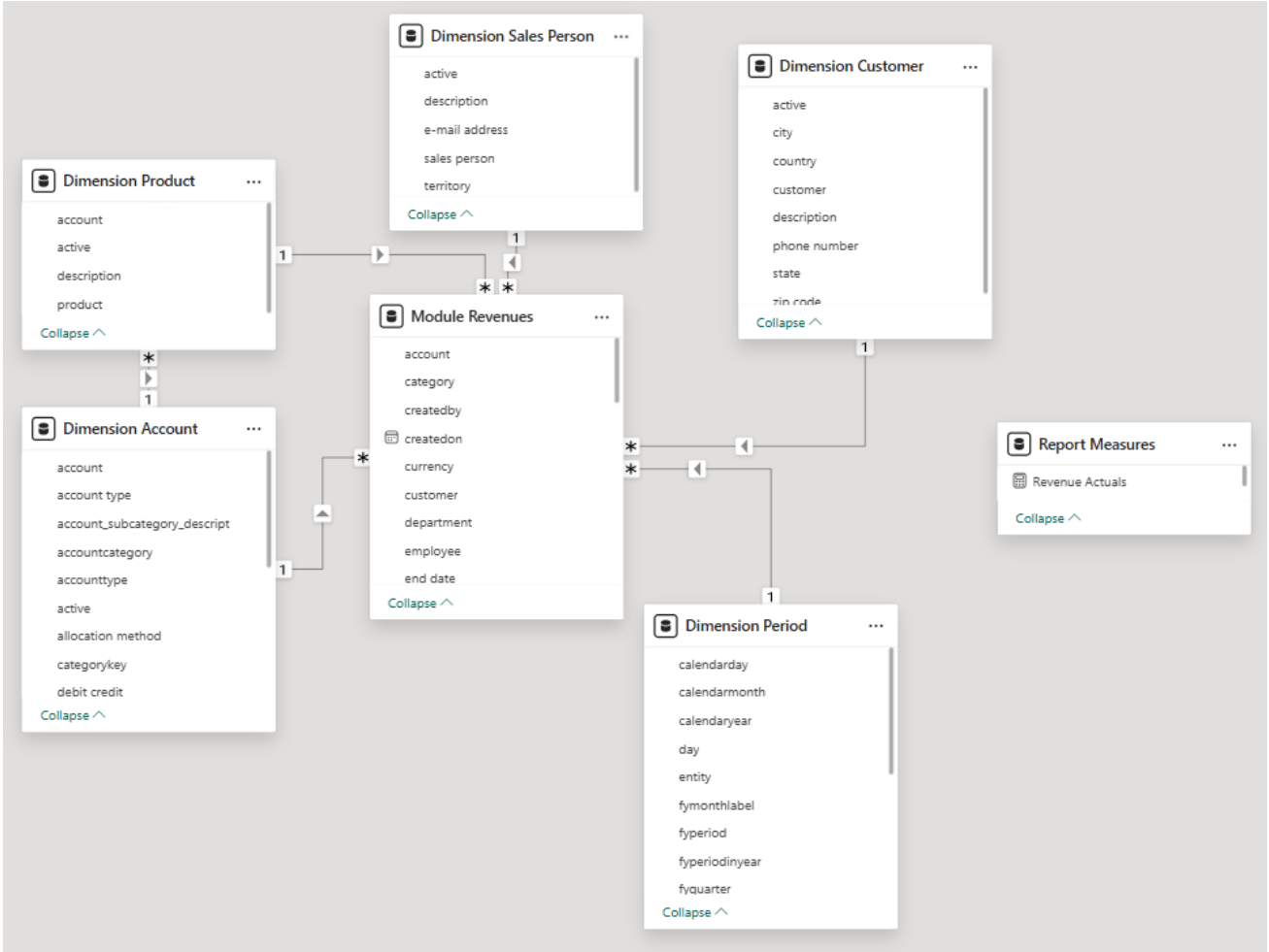
Power BI Connector

API

Fact Tables

Dimensions

Power BI Model View



Power BI Examples

Dashboard Category	Revenues	Expenses	Margins	Balance Sheet	KPIs
Variance Analysis	i	i	i	i	i
Exceptions	i	i	i	i	
Budget Analysis	i	i	i	i	
Auto Forecast	i	i	i	i	i
Combo (Var and Trend)	i	i	i	i	i
24 Month Trend	i	i	i	i	i
36 Month Trend	i	i	i	i	i
48 Month Trend	i	i	i	i	i
8 Quarter Rolling	i	i	i	i	i
Business Comparison	i	i	i	i	i
Internal Benchmarking	i	i	i		i

Variance Dashboard – Revenues



Q&A



Business
Technology
Services

Questions?

Contact

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