



Financial Reports in Solver & Power BI Which Is Best?

March 27, 2025

U.S. Presence

Top 10

U.S. Public
Accounting Firm*

\$2.2bn

Revenue
(FY2024)

76

Markets

29

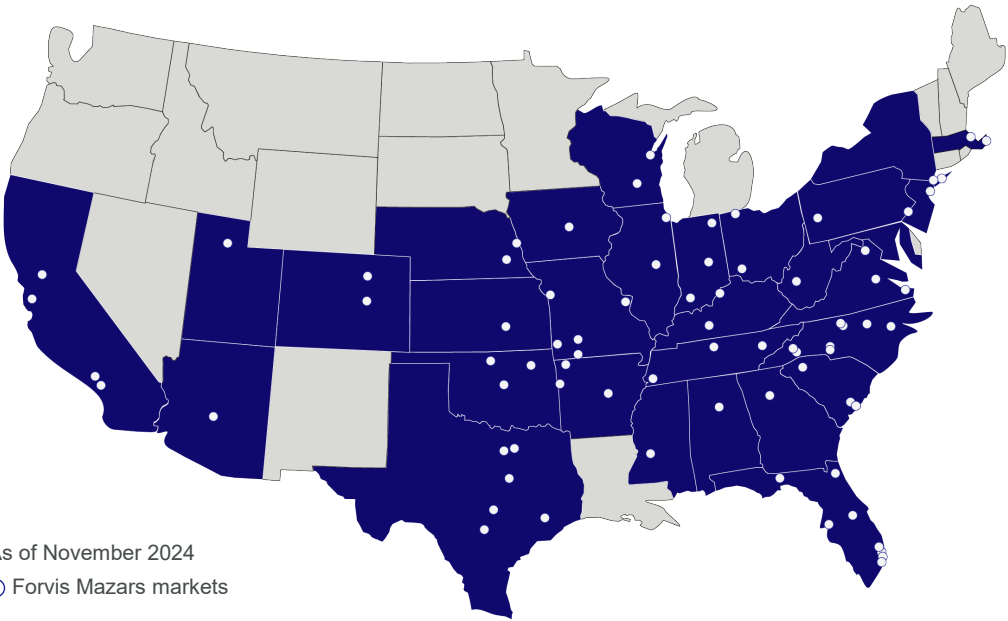
States

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 Island
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
© 2025 Forvis Mazars, LLP. All rights reserved.

Business Technology Services


Forvis Mazars can help support your organization with enterprise resource planning (ERP), customer relationship management (CRM), advanced technology, & managed service solutions.

Our end-to-end services can help clients achieve their digital transformation goals & include:

- Technology assessments
- Design
- Implementation
- Upgrades
- Automation
- Training
- Monitoring
- Support



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 Presenters

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

Objectives

1. Discuss the differences between Solver & Power BI
2. Explain how a financial report can be created using a Matrix report in Power BI
3. Describe how a financial report can be created using Report Builder in Power BI



Agenda

1. Introduction
2. Creating a Report in Power BI Desktop
3. Creating a Report in Solver xFP&A



What's Your Purpose?



01

Power BI



Power BI Benefits

- Extremely popular
- Software is usually low-cost
- Interactive
- Visual



Reports in Power BI

- Multiple ways to create
- Formatting needed
- Data source
- Measures are key



Hard-Coded But Easy

- Create measures
- Drag each measure to the value
- Switch columns to rows

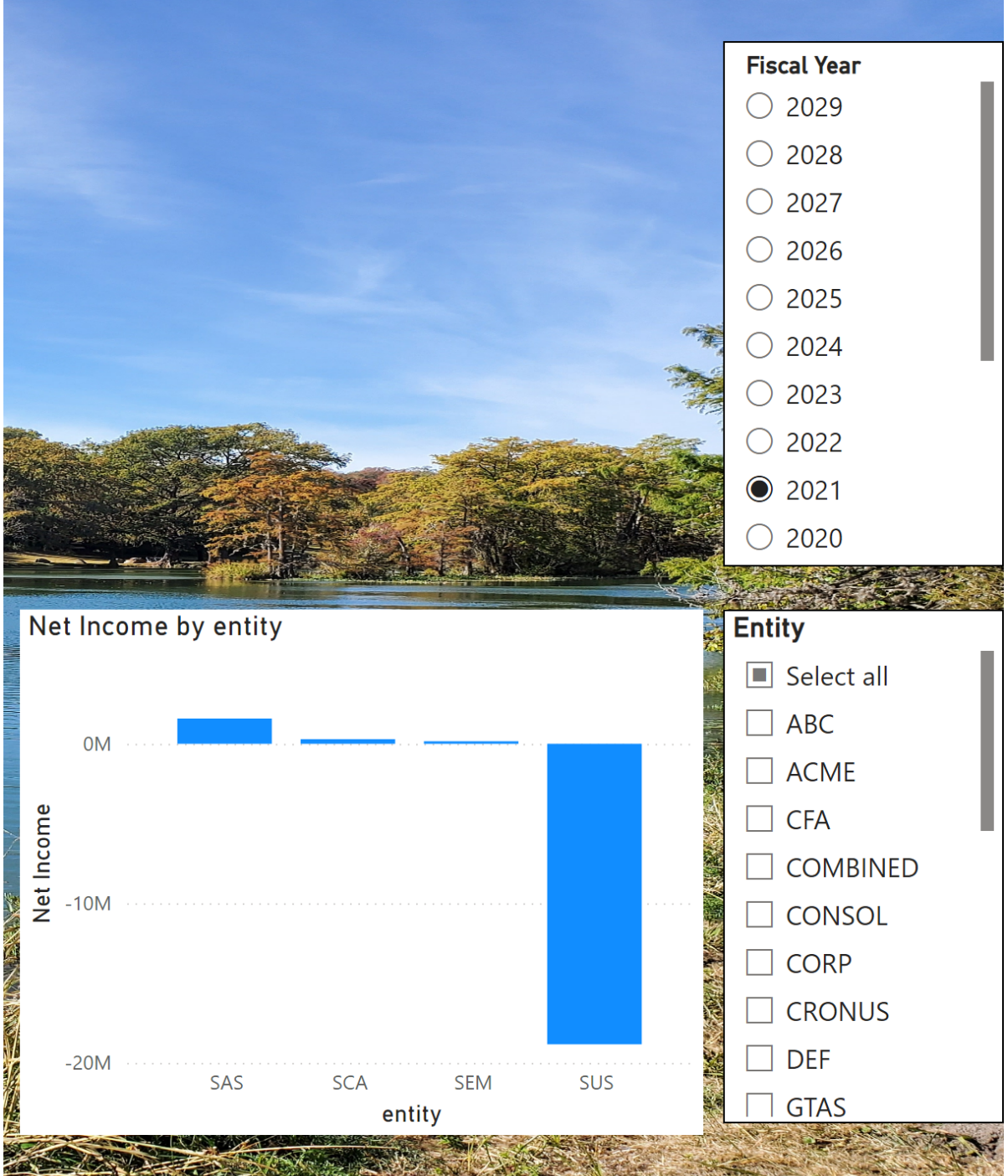


Flexible

- Template for layout
- Measures for line items
- Utilize Switch expression



	SAS	SCA	SEM	SUS	Total
Sales					
Revenue	62,893,187.08	8,915,283.56	13,917,489.17	18,781,707.58	104,507,667.39
Intercompany Revenue					
Subsidiary Revenue					
Cost of Sales	12,892,356.64	1,752,926.61	2,829,177.44	10,186,001.32	27,660,462.01
Gross Profit	50,000,830.44	7,162,356.95	11,088,311.73	8,595,706.26	76,847,205.38
Expenses					
Salaries and Benefits	18,643,348.57	2,695,335.63	4,273,083.89	10,577,532.66	36,189,300.76
Sales and Marketing	22,358,353.12	3,132,147.65	4,989,305.82	12,634,490.02	43,114,296.61
Travel and Entertainment	143,425.99	20,408.29	32,154.14	130,260.28	326,248.70
Professional Fees	1,039,608.29	146,488.33	235,117.44	586,917.80	2,008,131.86
Bad Debt	5,089.98	727.14	1,158.98	2,887.86	9,863.96
Business Insurance	209,595.21	29,302.97	45,988.23	116,322.78	401,209.19
Office Supplies	225,087.51	31,828.82	50,139.40	126,154.82	433,210.55
Telephone and Internet	570,416.24	79,949.41	126,686.57	319,521.20	1,096,573.41
Rent and Utilities	475,726.22	67,858.10	106,735.04	272,207.40	922,526.76
Admin Expenses	569,050.19	80,948.18	128,285.27	323,790.38	1,102,074.03
Total Expenses	44,239,701.31	6,284,994.52	9,988,654.79	25,090,085.20	85,603,435.83
EBITDA	5,761,129.13	877,362.43	1,099,656.94	-16,494,378.94	-8,756,230.44
Other Income/Expenses					
Taxes	2,207,371.15	310,856.34	498,815.72	1,225,432.00	4,242,475.21
Interest	191,488.33	27,362.74	43,203.34	107,159.14	369,213.55
Depreciation and Amortization					
Minority Interest Expense					
Total Other Income/Expenses	4,177,211.44	588,800.89	942,216.80	2,347,789.46	8,056,018.59
Net Income	1,583,917.69	288,561.54	157,440.14	-18,842,168.40	-16,812,249.03



Power BI Report Layout

	A	B	C	D	E	F	
1	P&L Key	Rollup Level 1	Display	Power BI Display	Index	Bold	
2		0 Revenue	Sales	Sales	0	1	
3		1 R1. Revenue	Revenue	Main Revenue	1		
4		2 R2. Intercompany Revenue	Intercompany Revenue	Intercompany Revenue	2		
5		3 R3. Subsidiary Revenue	Subsidiary Revenue	Subsidiary Revenue	3		
6		4 00. Cost of Sales	Cost of Sales	Cost of Sales	4		
7		4.4 Gross Profit	Gross Profit	Gross Profit	5	1	
8		4.5			6		
9		4.6 Expenses	Expenses	Expenses	7	1	
10		7 01. Salaries and Benefits	Salaries and Benefits	Salaries and Benefits	8		
11		8 02. Sales and Marketing	Sales and Marketing	Sales and Marketing	9		
12		9 03. Travel and Entertainment	Travel and Entertainment	Travel and Entertainment	10		
13		10 04. Professional Fees	Professional Fees	Professional Fees	11		
14		11 05. Bad Debt	Bad Debt	Bad Debt	12		
15		12 06. Business Insurance	Business Insurance	Business Insurance	13		
16		13 07. Office Supplies	Office Supplies	Office Supplies	14		
17		14 08. Telephone and Internet	Telephone and Internet	Telephone and Internet	15		
18		15 09. Rent and Utilities	Rent and Utilities	Rent and Utilities	16		
19		16 10. Admin Expenses	Admin Expenses	Admin Expenses	17		
20		16.2 Total Expenses	Total Expenses	Total Expenses	18	1	
21		16.3			19		
22		16.4 EBITDA	EBITDA	EBITDA	20	1	
23		16.5			21		
24		16.6 Other Income/Expenses	Other Income/Expenses	Other Income/Expenses	22	1	
25		17 95. Taxes	Taxes	Taxes	23		
26		18 96. Interest	Interest	Interest	24		
27		19 97. Depreciation and Amortization	Depreciation and Amortization	Depreciation and Amortization	25		
28		20 98. Minority Interest Expense	Minority Interest Expense	Minority Interest Expense	26		
29		21 Total Other Income/Expenses	Total Other Income/Expenses	Total Other Income/Expenses	27	1	
30		21.2			28		
31		21.3 Net Income	Net Income	Net Income	29	1	

Power BI Report Measure

Calculate a Line Item

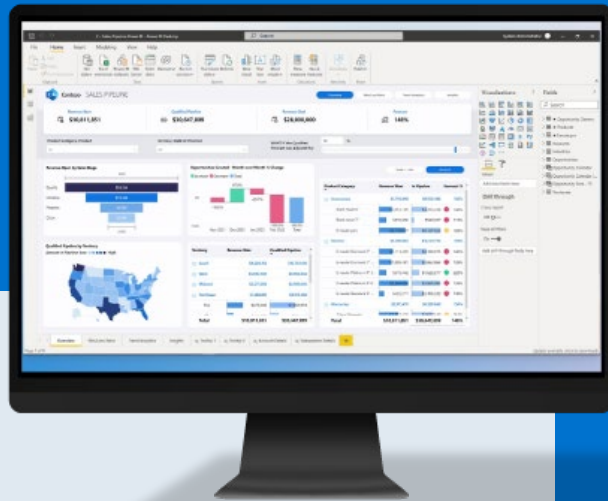
```
Revenue = CALCULATE(sum('Module General Ledger'[monthly  
amount]), 'Dimension Account'[power bi report key]=1)*-1
```


Power BI Report Measures Display

```
Report Amount 1 = SWITCH(SELECTEDVALUE('Dimension Account'[rollup level 1]),  
"R1. Revenue", [Revenue 1],  
"00. Cost of Sales", [COS 1],  
"Gross Profit", [Gross Profit 1],  
"Salaries & Benefits", [Salaries & Benefits],  
"Sales & Marketing", [Sales & Marketing],  
"Travel & Entertainment", [Travel & Entertainment],  
"Professional Fees", [Professional Fees],  
"Bad Debt", [Bad Debt],  
"Business Insurance", [Business Insurance],  
"Office Supplies", [Office Supplies],  
"Telephone & Internet", [Telephone & Internet],  
"Rent & Utilities", [Rent & Utilities],  
"Admin Expenses", [Admin Expenses]  
)
```

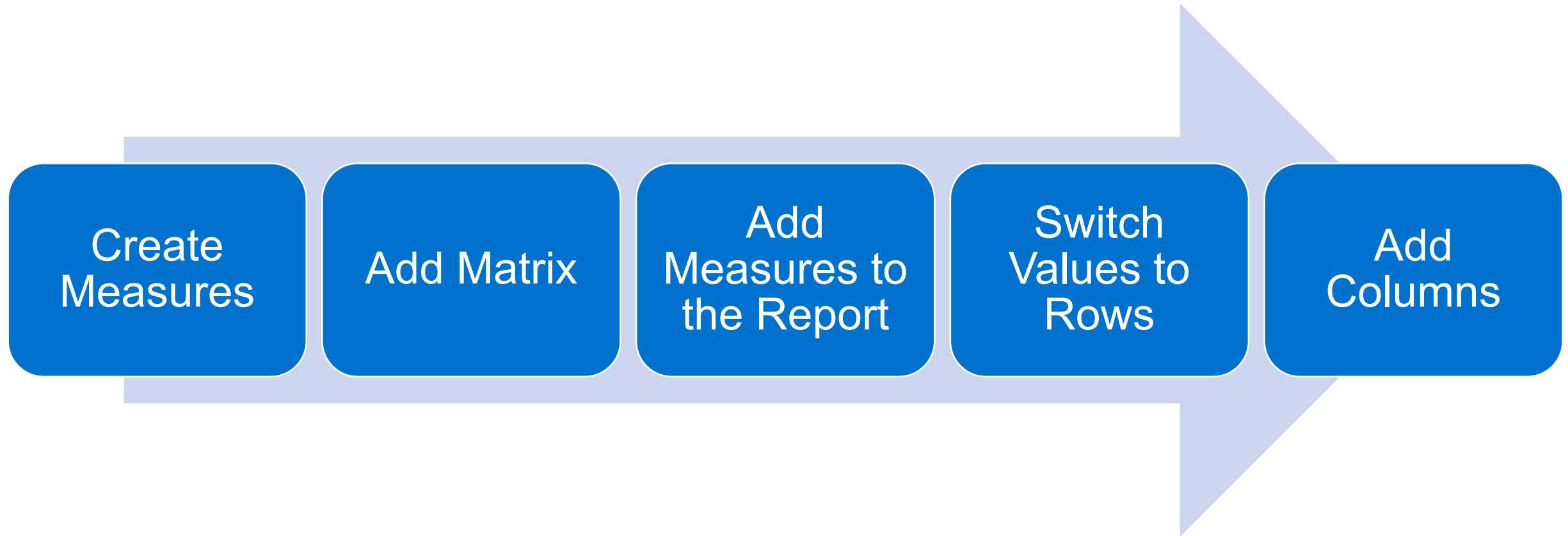
Demo

Microsoft
Partner



Power BI Report Using a Matrix

Steps to Build

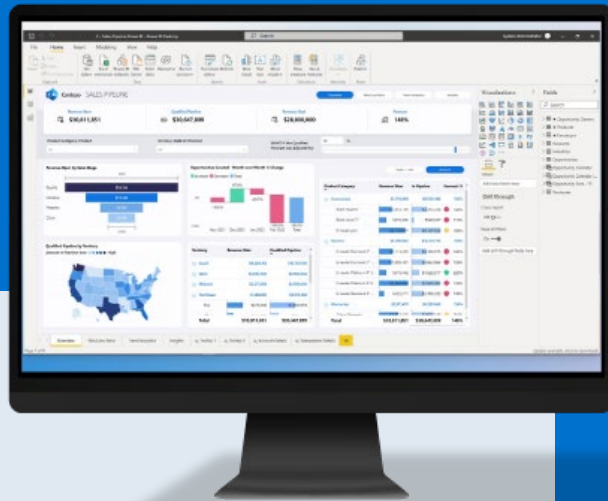


Power BI Report Using a Matrix

	2016	2018	2019	2020	2021	Total
Revenue	6,820,305.20	28,671,305.18	32,357,142.51	33,114,429.72	18,781,707.58	119,744,890.19
Cost of Sales	1,530,050.40	6,040,791.42	6,537,270.52	6,885,832.14	10,186,001.32	31,179,945.80
Gross Profit	5,290,254.80	22,630,513.76	25,819,871.99	26,228,597.58	8,595,706.26	88,564,944.39

Demo

Microsoft
Partner



02

Solver Reporting

Automate & Streamline Your Reporting
& Collaboration



Solver is a Microsoft based xFP&A solution for business users



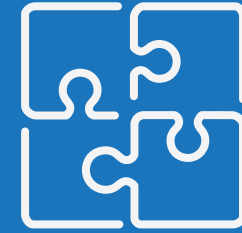
REPORTING & ANALYTICS

- Pre-built ERP connectors & Power BI



PLANNING

- Budgeting, forecasting, & sales planning



CONSOLIDATION

- Statutory consolidation with IFRS or US GAAP

Financial Report in Solver

- Excel-driven report design
- Groups
- Filters
- Dimension
- Parameters
- Drill-down

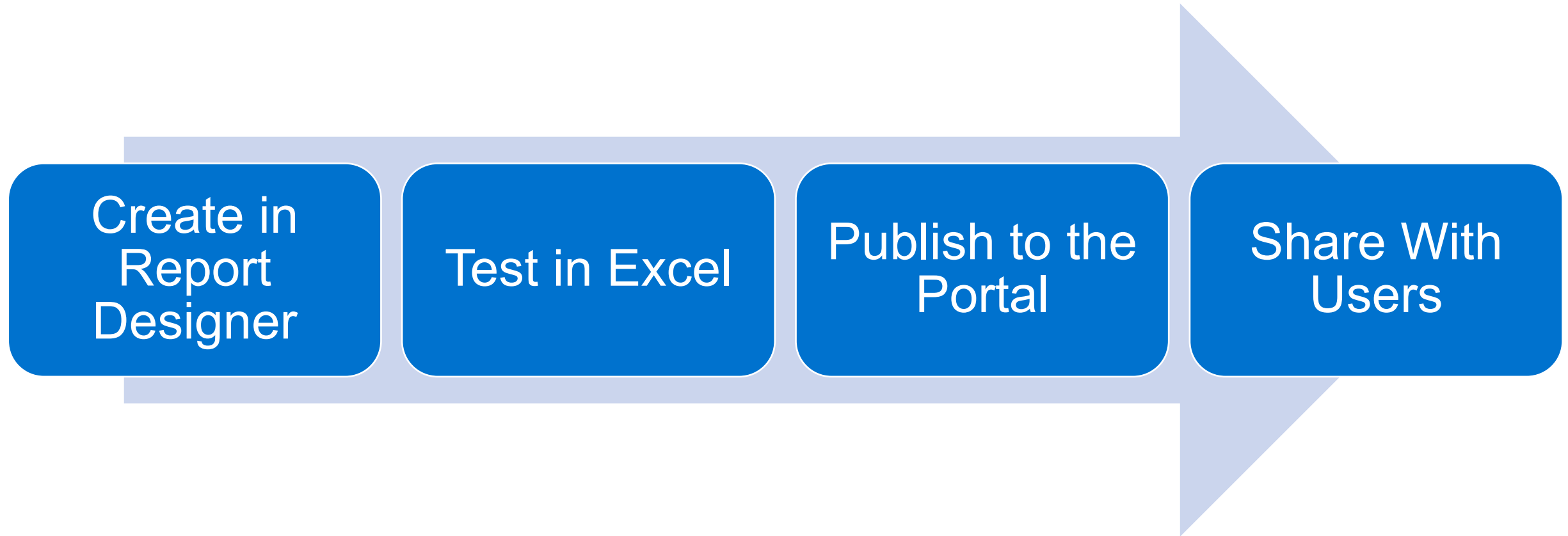
Consolidating P&L - Year to Date

Consolidating
September 30, 2021

YTD revenue for the current year is \$12,768,904 versus last year YTD revenue of \$11,556,687 which is an increase of 9.5%. The Net Profit for the year is \$359,903, which is an increase of 121.0%.

	SUS YTD Actual	Last Year YTD Actual	SUS YTD Actual	Current Year YTD Actual	SUS YTD Budget	Current Year YTD Budget
REVENUE						
Total Sales Revenue	11,204,727	11,204,727	12,405,113	12,405,113	12,132,625	12,405,113
Total Other Revenues	351,960	351,960	363,792	363,792	321,351	363,792
TOTAL REVENUE	11,556,687	11,556,687	12,768,904	12,768,904	12,453,976	12,768,904
COST OF GOODS SOLD						
Total Cost of Sales	2,384,143	2,384,143	2,562,847	2,562,847	2,743,145	2,562,847
TOTAL COST OF GOODS SOLD	2,384,143	2,384,143	2,562,847	2,562,847	2,743,145	2,562,847
GROSS PROFIT	9,172,544	9,172,544	10,206,057	10,206,057	9,710,831	10,206,057
OPERATING EXPENSES						
Total Salaries and Benefits	3,643,325	3,643,325	3,799,950	3,799,950	3,538,789	3,799,950
Total Sales and Marketing	4,192,093	4,192,093	4,536,967	4,536,967	4,195,641	4,536,967
Total Travel and Entertainment	26,823	26,823	28,746	28,746	29,075	28,746
Total Professional Fees	199,709	199,709	212,352	212,352	206,774	212,352
Total Bad Debt	973	973	1,043	1,043	993	1,043
Total Business Insurance	39,106	39,106	42,202	42,202	42,213	42,202
Total Office Supplies	42,542	42,542	45,637	45,637	44,740	45,637
Total Telephone and Internet	108,548	108,548	114,861	114,861	113,094	114,861
Total Rent and Utilities	91,229	91,229	97,849	97,849	91,515	97,849
Total Admin Expenses	109,227	109,227	116,809	116,809	111,794	116,809
Total Depreciation and Amortization	338,439	338,439	365,871	365,871	362,269	365,871
TOTAL OPERATING EXPENSES	8,792,015	8,792,015	9,362,288	9,362,288	8,736,896	9,362,288
OPERATING INCOME	380,530	380,530	843,769	843,769	973,935	843,769
NON-OPERATING INCOME AND EXPENSES						
TOTAL INTEREST INCOME	-	-	-	-	-	-
TOTAL INTEREST EXPENSES	(36,127)	(36,127)	(38,737)	(38,737)	(37,429)	(38,737)
TOTAL GAINS AND (LOSSES)	-	-	-	-	-	-
NET PROFIT (LOSS) BEFORE TAXES	344,402	344,402	805,032	805,032	936,506	805,032
TOTAL TAXES	419,953	419,953	445,129	445,129	423,841	445,129
NET PROFIT (LOSS)	\$ (75,550)	\$ (75,550)	\$ 359,903	\$ 359,903	\$ 512,665	\$ 359,903

Creating Reports in Solver



Demo



Q&A



Business
Technology
Services

Questions?

Contact

Forvis Mazars



Charles Allen

Senior Managing Consultant

charles.allen@us.forvismazars.com

The information set forth in this presentation contains the analysis & conclusions of the author(s) based upon his/her/their research & analysis of industry information & legal authorities. Such analysis & conclusions should not be deemed opinions or conclusions by Forvis Mazars or the author(s) as to any individual situation as situations are fact-specific. The reader should perform their own analysis & form their own conclusions regarding any specific situation. Further, the author(s)' conclusions may be revised without notice with or without changes in industry information & legal authorities.

© 2025 Forvis Mazars, LLP. All rights reserved.