



SOLVER

for Higher Education

| Get Complete Insight

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Introduction

The purpose of this white paper is to provide an overview of Solver. With frequent, automated cloud updates, the solution is continuously being enhanced to drive faster, better decisions across its global customer base. For the latest information or to discuss your specific needs, please contact your local Solver partner, visit Solver's [web-site](#) or email us at info@solverglobal.com.

Product Summary

Solver provides a single, cloud-based solution that automates reporting and planning processes, and supports faster and better decisions based on key information from across the organization's data sources.

Key benefits that Solver provides include:

- A top-rated Corporate Performance Management (CPM) solution by G2 based on user satisfaction
- Global partner channel with industry expertise to help you whenever and wherever
- Cloud software, support, and upgrades packaged into a subscription price providing unmatched ROI over traditional CPM solutions
- Built for business users to manage the entire solution without the need for developers
- Executive and management data from across the organization that is easily accessible in ONE place with Solver's intelligent data warehouse
- Solver's multi-tenant cloud application provides quick initiation, SOC 2 compliance, automatic software upgrades, and scalability at one's convenience
- Solver provides the power and the familiarity of cloud-connected Excel to solve the most complex formula and layout requirements for reporting and planning template designers
- Easy-to-use, pre-built integration to Power BI, the world's #1 visualization solution
- Fast and cost effective integrations provided with Solver's wizard-driven CSV, SQL, and prebuilt ERP/CRM Connectors
- Unlimited access to reports and dashboards from secure web portal
- Hybrid cloud option provides customers with real-time cloud reporting capabilities for their on-premise ERP system



Company Summary

Solver, Inc. is redefining the category of cloud-based reporting and planning. The Solver solution is built to enable faster and better business decisions across the entire organization. Solver combines financial and other key data into a single tool, powered by the most flexible report and planning form designer on the market. Organizations use this solution to automate and streamline financial and operational reports, consolidations, and budgeting and forecasting processes. Solver empowers users with complete insight that drives intelligent decisions and competitive advantages. Headquartered in the United States, Solver, Inc. has more than a dozen offices and hundreds of partners globally that provide local and industry expertise. To learn more, visit www.solverglobal.com.

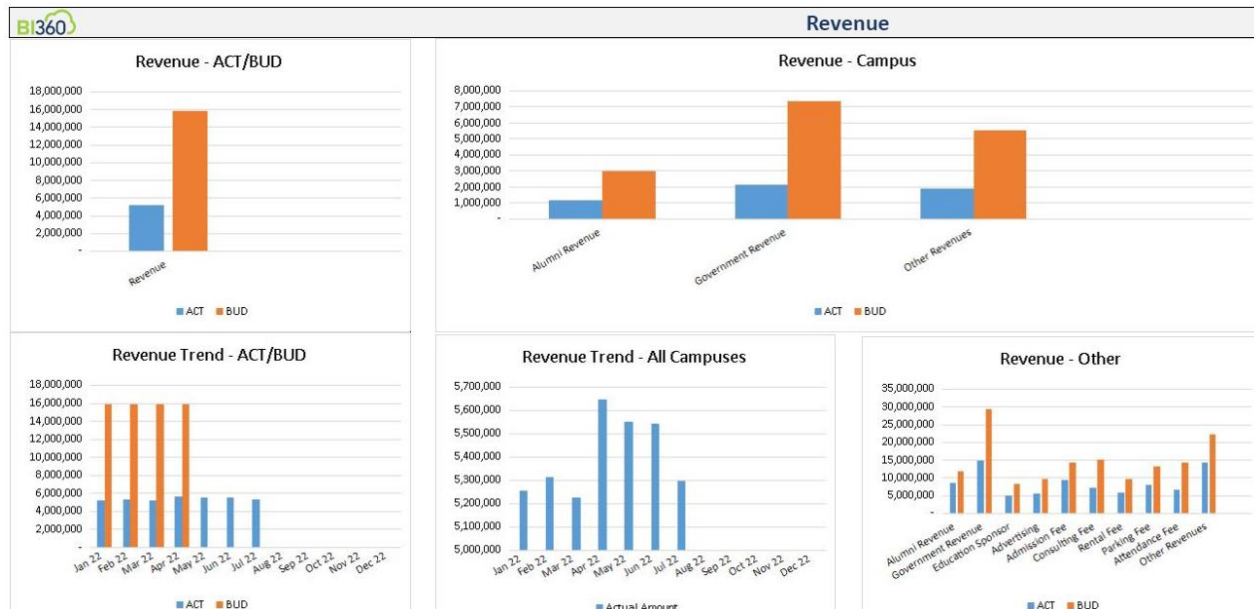
Solver Reporting & Planning for Education

What follows is just a few of the hundreds of financial and operational reports for educational institutions that you can create with Solver. Reporting can be done on any type of data, financial, operations, student information, donor information, academics, athletics, etc. At the end of the document, you can also find a budget input form example. You can configure virtually any budget model with Solver. For more examples and a full demonstration, please contact us.

UNIV02 - Revenue Report

The **Revenue** example helps University administrators keep focus on all University revenue sources - with quick access to actual versus budget comparisons. This example provides powerful views of key information, such as, Enrollment statics and Campus specific revenue trends.

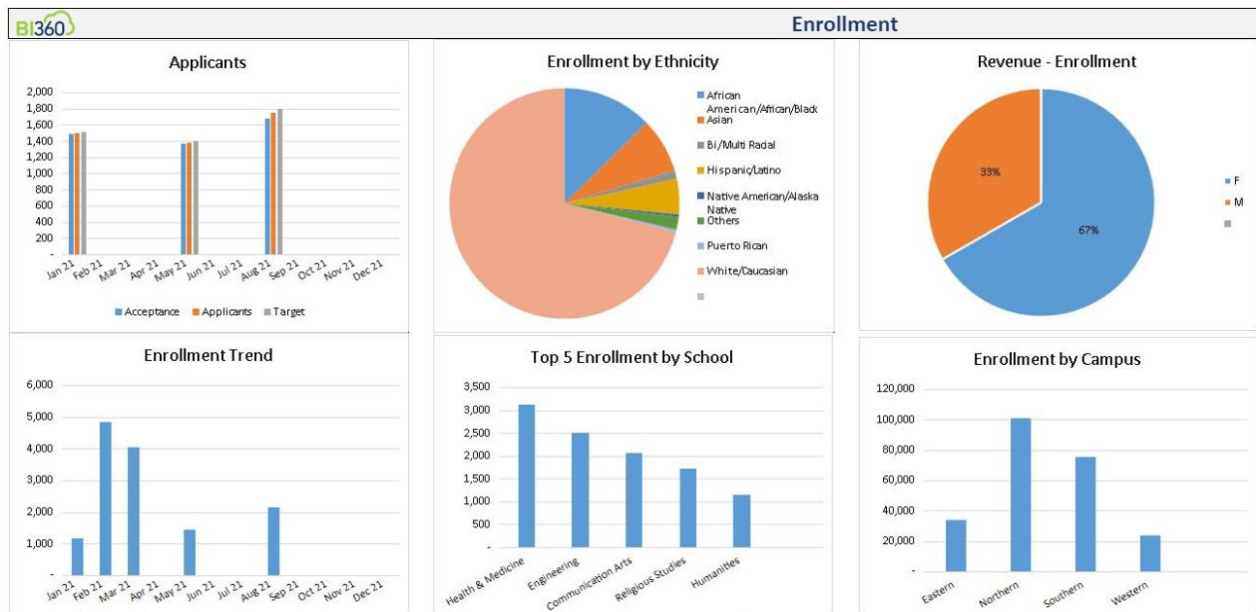
- Total University revenue with actual to budget comparison and the ability to drill to the individual Campus
- Trending revenue with actual to budget comparison and the ability to drill to the individual Campus
- Total revenue with actual to budget by Campus
- Revenue Trend – all Campuses
- Enrollment revenue by Other Revenue



UNIV03 – Enrollment Report

The **Enrollment Report** example allows University admissions, faculty and other administrators to easily view key metrics related to enrollment. This example provides powerful views of key enrollment statistics, across all Campuses and Schools, including students currently enrolled and the total number of new applicants. This information can also be displayed by semester, degree, and school year.

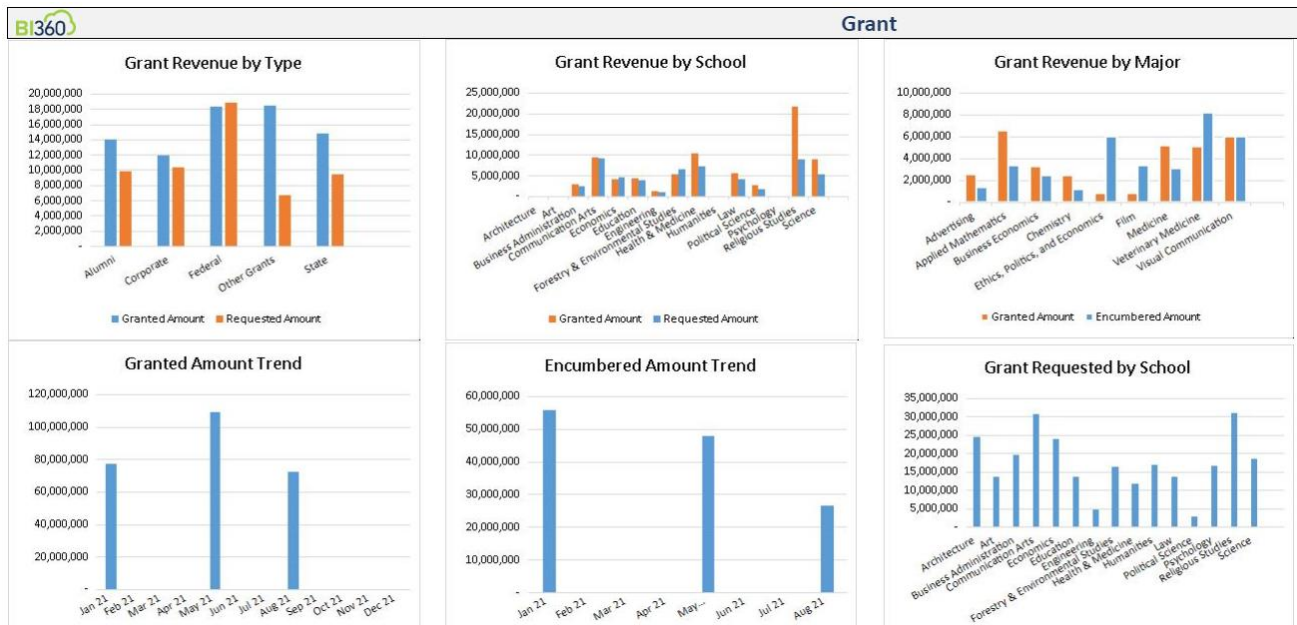
- Applicants by Type
- Enrollment by Ethnicity
- Revenue - Enrollment
- Enrollment Trend
- Top 5 Enrollment by School
- Enrollment by Campus



UNIV04 – Grant Activity

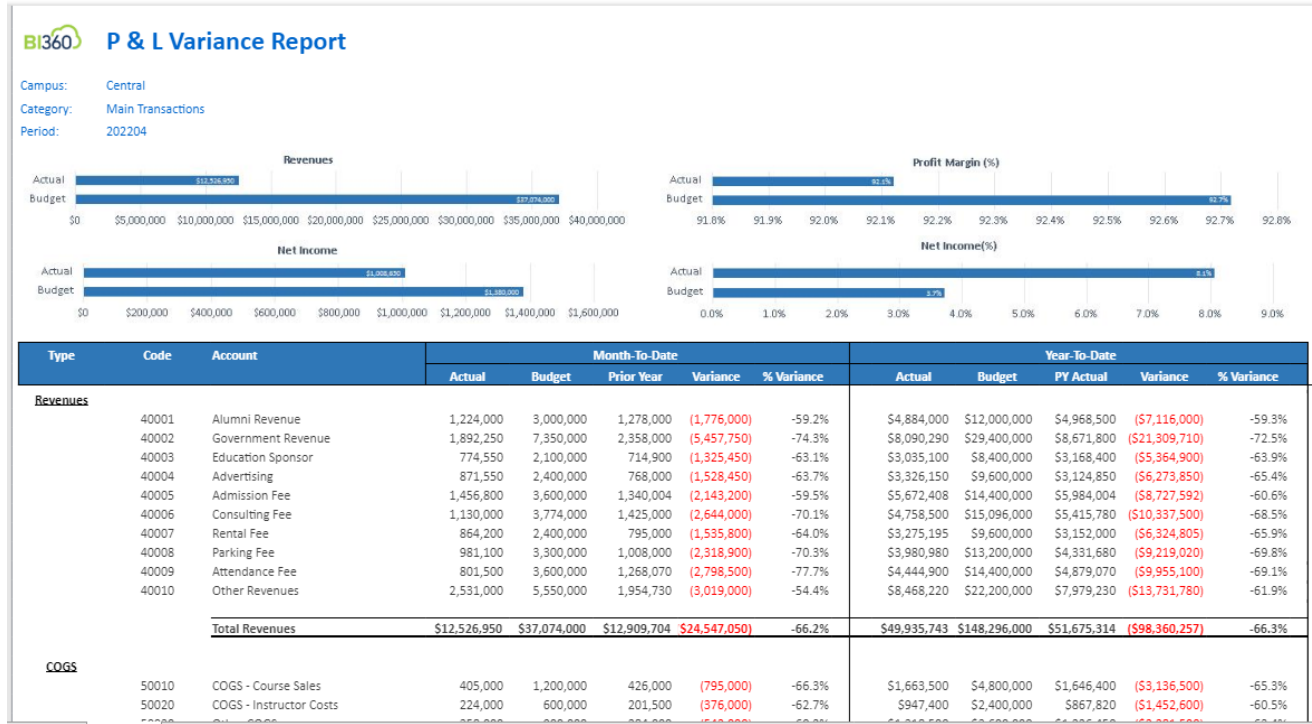
The **Grant Activity** example shows how any University that receives funding from Grants, can display the most important Grant information combined together for easy analysis and control.

- Grant Revenue by Type
- Grant Revenue by School
- Grant Metrics, drill to School
- Grant Amount Trend
- Encumbered Amount Trend
- Grant Requested by School
- Grant Expenditures



UNIV05 – Profit & Loss Variance Report

The **P&L Variance Report** example below includes charts and key figures to draw the reader’s attention to the most important information in the report. It also compares Actual and Budget numbers for month-to-date and year-to-date versus prior year, including variance. Users can drill down on any number to see the underlying detail.



UNIV06 – Actual Revenue & Expense Report

The **Actual Revenue & Expense Report** example highlights revenues and expenses in an easy to read graph for quick and simple analysis. This report also shows actual revenues, expenses and cost of goods sold by month, in a column format, for the periods filtered (in this case the last 12 months).

BI360 Actual Revenue & Expense Report															
Campus:		Central													
Scenario:		Actuals													
Category:		Main Transactions													
Period:		January-21													
Type	Code	Account	January-21	February-21	March-21	April-21	May-21	June-21	July-21	August-21	September-21	October-21	November-21	December-21	Total
Revenues															
40001		Alumni Revenue	\$1,300,500	\$1,240,000	\$1,150,000	\$1,278,000	\$1,127,000	\$995,000	\$1,469,800	\$1,286,100	\$1,285,000	\$1,355,700	\$1,794,500	\$1,368,800	\$15,650,400
40002		Government Revenue	\$2,105,800	\$2,058,000	\$2,150,000	\$2,358,000	\$1,859,000	\$2,165,000	\$1,741,800	\$1,951,000	\$1,447,000	\$2,105,200	\$1,555,000	\$1,864,100	\$23,359,900
40003		Education Sponsor	\$812,500	\$826,000	\$815,000	\$714,900	\$728,000	\$796,000	\$819,600	\$915,000	\$911,000	\$859,700	\$945,000	\$881,300	\$10,024,000
40004		Advertising	\$800,500	\$815,000	\$741,350	\$768,000	\$741,900	\$915,700	\$822,500	\$896,200	\$950,000	\$946,100	\$885,000	\$775,840	\$10,056,090
40005		Admission Fee	\$1,510,000	\$1,675,000	\$1,459,000	\$1,340,004	\$1,259,600	\$1,155,700	\$995,700	\$1,365,200	\$1,160,000	\$1,068,900	\$1,240,000	\$981,140	\$15,210,244
40006		Consulting Fee	\$1,346,080	\$1,316,700	\$1,328,000	\$1,425,000	\$519,500	\$657,700	\$559,100	\$875,200	\$760,000	\$896,400	\$700,000	\$843,300	\$11,226,980
40007		Rental Fee	\$745,900	\$796,500	\$814,600	\$795,000	\$719,500	\$853,300	\$824,600	\$697,500	\$819,000	\$754,800	\$878,000	\$814,700	\$9,511,400
40008		Parking Fee	\$1,250,080	\$1,068,000	\$1,005,600	\$1,008,000	\$1,260,500	\$1,249,800	\$1,189,600	\$1,254,500	\$999,000	\$1,196,200	\$1,197,500	\$1,319,800	\$13,998,580
40009		Attendance Fee	\$1,249,000	\$1,147,000	\$1,215,000	\$1,268,070	\$980,500	\$783,600	\$698,100	\$754,100	\$769,000	\$865,200	\$954,000	\$786,200	\$11,469,770
40010		Other Revenues	\$2,085,100	\$1,963,400	\$1,976,000	\$1,954,730	\$1,859,500	\$2,276,500	\$2,352,700	\$2,066,920	\$1,899,000	\$1,996,700	\$1,768,500	\$2,149,200	\$24,348,250
		Total	\$13,205,460	\$12,905,600	\$12,654,550	\$12,909,704	\$11,055,000	\$11,848,300	\$11,473,500	\$12,061,720	\$10,999,000	\$12,044,900	\$11,917,500	\$11,784,380	\$144,859,614
COGS															
50010		COGS - Course Sales	\$417,900	\$387,500	\$415,000	\$426,000	\$299,000	\$471,000	\$483,000	\$412,000	\$388,000	\$472,200	\$446,050	\$387,550	\$5,005,200
50020		COGS - Instructor Costs	\$248,000	\$210,320	\$208,000	\$201,500	\$216,000	\$226,000	\$243,000	\$192,000	\$241,000	\$222,500	\$194,550	\$282,550	\$2,685,420
50030		Other COGS	\$297,400	\$348,050	\$297,000	\$284,000	\$339,000	\$296,000	\$358,000	\$362,000	\$400,555	\$39,500	\$299,650	\$311,570	\$3,652,725
		Total	\$963,300	\$945,870	\$920,000	\$911,500	\$854,000	\$993,000	\$1,084,000	\$966,000	\$1,029,555	\$734,200	\$940,250	\$981,670	\$11,323,345
Expenses															
60001		City Income Taxes & Refunds	\$576,800	\$554,800	\$569,000	\$579,500	\$528,900	\$557,900	\$475,000	\$440,000	\$515,000	\$452,000	\$514,800	\$610,000	\$6,373,700
60002		Licenses and Registrations	\$913,200	\$1,021,000	\$1,050,000	\$996,850	\$716,330	\$773,600	\$721,100	\$896,770	\$994,000	\$745,000	\$924,500	\$985,000	\$10,737,350
60003		Scholarships	\$2,065,000	\$2,560,000	\$2,618,000	\$2,513,900	\$2,063,080	\$1,965,500	\$1,859,000	\$2,259,000	\$2,186,000	\$1,994,000	\$2,094,300	\$2,258,000	\$26,435,780
60004		Environmental Protection Agency	\$1,190,000	\$1,138,020	\$1,213,800	\$1,157,900	\$801,500	\$855,100	\$878,800	\$889,000	\$1,150,000	\$914,500	\$1,063,300	\$1,125,000	\$12,378,920
60005		Housing, Zoning, and Nuisances	\$796,800	\$805,600	\$799,000	\$815,000	\$714,500	\$915,100	\$803,000	\$795,000	\$640,000	\$613,800	\$684,100	\$729,000	\$9,112,900
60006		Salaries and Benefits	\$1,857,000	\$1,768,000	\$1,614,000	\$1,710,600	\$1,998,500	\$1,285,100	\$1,443,000	\$1,688,000	\$1,965,000	\$1,775,100	\$1,245,000	\$1,612,000	\$19,961,300
60007		Education Marketing	\$819,000	\$826,000	\$813,600	\$823,500	\$918,800	\$910,000	\$870,000	\$665,000	\$997,000	\$982,500	\$906,000	\$1,380,000	\$10,911,400
60008		Repairs and Maintenance	\$917,600	\$946,800	\$975,000	\$973,600	\$975,500	\$843,000	\$846,600	\$975,000	\$741,000	\$642,700	\$813,000	\$846,300	\$10,496,100

UNIV07 – Intercampus Matching Report

The **Intercampus Matching Report** validates the intercampus transactions that take place to ensure that the totals net to zero. Conditional formatting is used to bring to attention any totals where the net is not zeroed out.

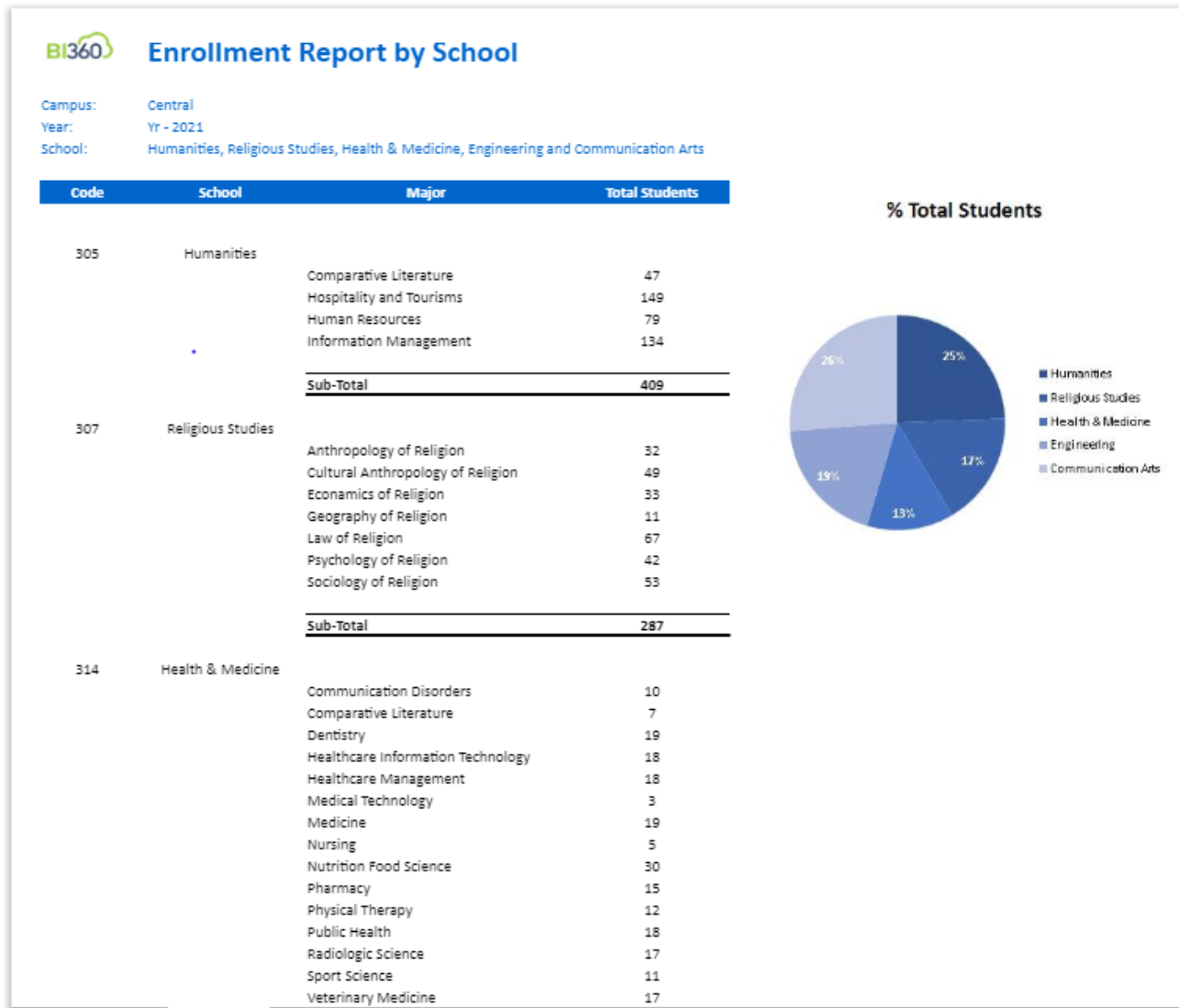
BI360 Intercampus Matching Report

Scenario: Actuals
Period: August-21

Campus	Entity	Code	Description	Corresponding Campus	Period	Total
Central	Academic Affairs	40011	Course Revenues	Eastern	202108	\$ 34,000.00
Eastern	Academic Affairs	50010	COGS - Course Sales	Central	202108	\$ 34,000.00
Total						\$ 0.00
Northern	Finance & Administration	20010	Intercompany Receivables	Western	202108	\$ 25,000.00
Western	Finance & Administration	30010	Intercompany Payables	Northern	202108	\$ 24,000.00
Total						\$ -1,000.00
Northern	Administrative Staff & Tech Services	40012	Equipment Rental Revenues	Southern	202108	\$ 76,000.00
Southern	Administrative Staff & Tech Services	50040	Equipment Rental Costs	Northern	202108	\$ 75,500.00
Total						\$ 500.00


UNIV08 – Enrollment Report

The **Enrollment Report** is a multi-tab report that shows key enrollment statistics by school and by the year of study. The School tab shows the Major and supporting statistics, including enrollment by major, total enrollment, and enrollment as a percentage by school. The Year tab separates students by their year of study, school, and an expansion group with corresponding major details.



UNIV09 – Student Detail Report

The **Student Detail Report** allows University staff to quickly review all pertinent student details and information. This is a multi-tab report that lets you filter student information by School, with a tab for each School.



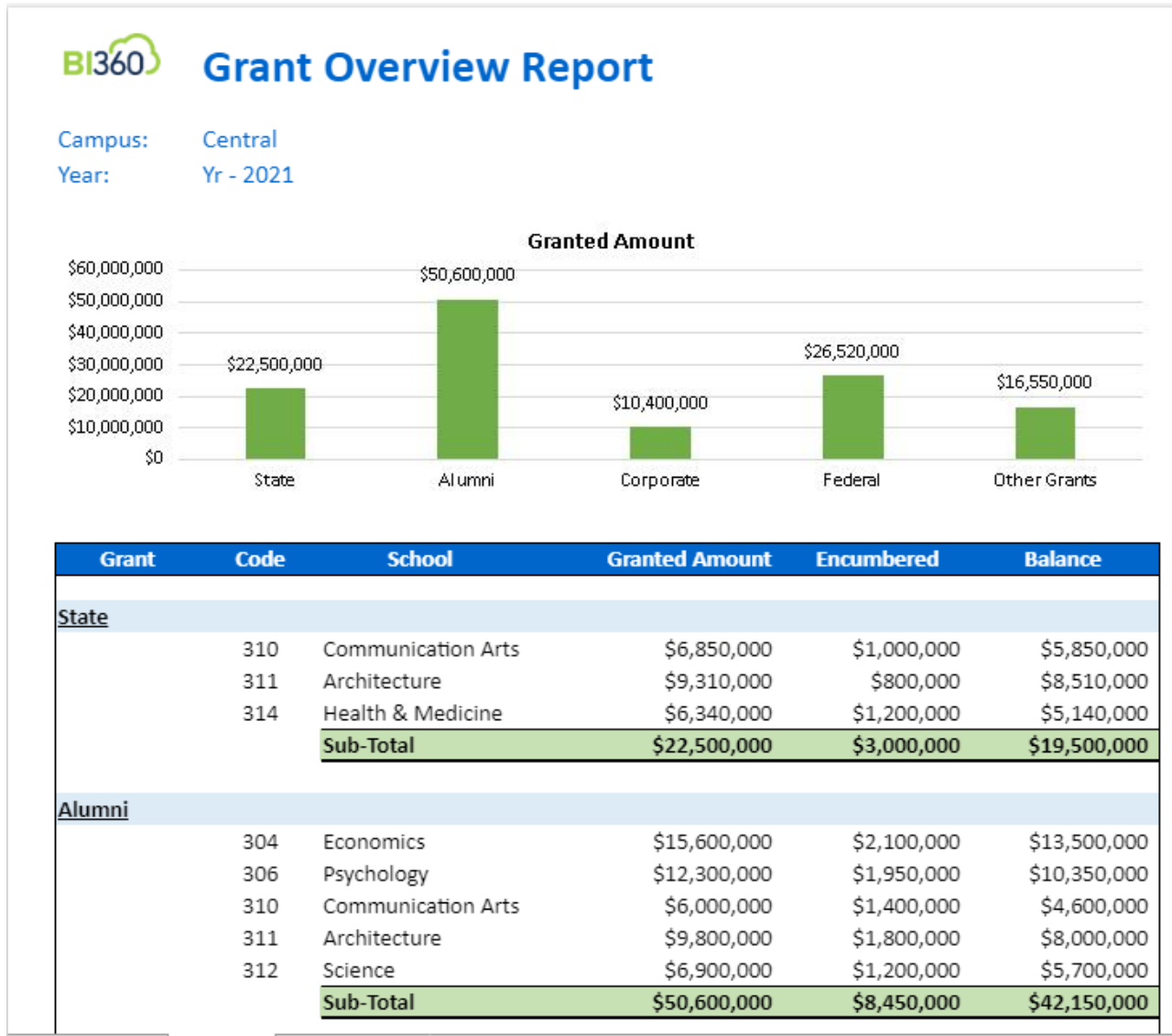
Student Detail Report

Campus: Central
 Year: Yr - 2021
 School: School of Business

Unique Details			Personal Details				School Details		UnderGrad.
No.	First Name	Last Name	Birth Date	Age	Gender	Ethnicity	School	Major	GPA
50412706	Christopher	LaRosa	9/9/1986	22	M	White/Caucasian	School of Business	Business Administration	3
50415408	Elizabeth	Molloy	5/9/1988	21	F	White/Caucasian	School of Business	Business Administration	3
50418088	Tara	Kotary	10/10/1990	18	F	White/Caucasian	School of Business	Business Administration	3
50420366	Shea	Marotta	11/6/1989	19	M	White/Caucasian	School of Business	Business Administration	2
50421962	Jeannette	Johnson	6/26/1986	23	F	African American/African/Black	School of Business	Business Administration	3
50423018	Jonathan	Pacuk	4/8/1990	19	M	Hispanic/Latino	School of Business	Business Administration	3
50423689	E.M. Albaruni	Keith	4/21/1989	20	M	Asian	School of Business	Business Administration	3
50425649	Renata	Chamberlaine	4/14/1985	24	F	White/Caucasian	School of Business	Business Administration	2
50426469	John	Paola	9/30/1990	18	M	White/Caucasian	School of Business	Accounting	3
50427305	Daniel	Nero	4/15/1990	19	M	White/Caucasian	School of Business	Business Administration	4
50427959	Joseph	Graziosi	3/24/1989	21	M	African American/African/Black	School of Business	Business Administration	4
50428794	Justin	Maglione	4/24/1991	18	M	African American/African/Black	School of Business	Business Administration	4
50430098	Nicholas	Paese	12/21/1989	19	M	White/Caucasian	School of Business	Business Administration	2
50432318	Marc	Higgins	3/20/1986	23	M	White/Caucasian	School of Business	Business Administration	2
50432520	Justin	Goldberg	6/10/1988	21	M	White/Caucasian	School of Business	Business Administration	3
50432635	Julie	McDermott	2/14/1985	24	F	White/Caucasian	School of Business	Business Administration	2
50432682	Melissa	Fish	12/24/1988	20	F	White/Caucasian	School of Business	Accounting	2

UNIV11 – Grant Overview Report

The **Grant Overview Report** allows University grant managers to easily monitor the institutions funding sources. Managers can view each of the Grants’ details including granted amount, encumbered amount, and remaining balance. The manager can also drill down on the details for each of these categories.



UNIV07 – Personnel Budget Form

The **Personnel Budget Form** is an example of a budget input form, and it shows the ease in which budget contributors can enter key payroll data in a user-friendly web-based form. Data from external HR/Payroll systems can be uploaded to Solver and applied to budget and forecast templates. Metrics can also be displayed, via charts and graphs, within budget and forecast templates.

B1360 Payroll Form

Campus: Central
 Scenario: Budget
 Entity: Academic Affairs
 Year: FY - 2021

Code	Job Title	Fund	Employee Name	Pay Grade	FTEs for Benefits	FTE in Count	FTEs	Grade Calc Salary	Budgeted Salary	Current Salary	Merit/ Bonus ID	Bonus \$	Overtime	FICA Exempt	FICA \$	Medicare Exempt	Medicare \$	Retire V/N?	Retirement \$	Life V/N?	Life \$	Health V/N?	Health \$	Dental V/N?	Dental \$
45	Student Activities	Campus	Alex Dawson	2300.00%	1.0	Y	1.0	0			NON			Y	Y		N	0	Y	Y		Y			
45	Student Activities	Campus	Bentley William	1300.00%	1.0	Y	1.0	0			MER			N	N		N	0	Y	N		N			
45	Student Activities	Campus	Jack Lauren	1600.00%	1.0	Y	1.0	0			MER			N	Y		N	0	Y	Y		N			
45	Student Activities	Campus	Janis Harley	1500.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
45	Student Activities	Campus	Jonathan Viera	2300.00%	0.9	Y	0.9	0	47,500	48,000	REG	1,000	400	Y	750	N	0	N	0	Y	0	Y	950	N	0
45	Student Activities	Campus	Lisa Johnson	700.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
48	Staffing Positions Management	Campus	Alex Dawson	2300.00%	1.0	Y	1.0	0	35,000	35,000	NON	0	1,000	Y	1,000	Y	300	N	0	Y	0	Y	1,100	Y	350
48	Staffing Positions Management	Campus	Bentley William	1300.00%	1.0	Y	1.0	0			MER			N	N		N	0	Y	N		N			
48	Staffing Positions Management	Campus	Jack Lauren	1600.00%	1.0	Y	1.0	0			MER			N	Y		N	0	Y	Y		N			
48	Staffing Positions Management	Campus	Janis Harley	1500.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
48	Staffing Positions Management	Campus	Jonathan Viera	2300.00%	0.9	Y	0.9	0			REG			Y	N		N	0	Y	Y		N			
48	Staffing Positions Management	Campus	Lisa Johnson	700.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
51	Registration	Campus	Alex Dawson	2300.00%	1.0	Y	1.0	0			NON			Y	Y		N	0	Y	Y		Y			
51	Registration	Campus	Bentley William	1300.00%	1.0	Y	1.0	0	28,000	27,000	MER	500	1,500	N	0	N	0	N	0	Y	0	N	0	N	0
51	Registration	Campus	Jack Lauren	1600.00%	1.0	Y	1.0	0			MER			N	Y		N	0	Y	Y		N			
51	Registration	Campus	Janis Harley	1500.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
51	Registration	Campus	Jonathan Viera	2300.00%	0.9	Y	0.9	0			REG			Y	N		N	0	Y	Y		N			
51	Registration	Campus	Lisa Johnson	700.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
60	Student Affairs	Campus	Alex Dawson	2300.00%	1.0	Y	1.0	0			NON			Y	Y		N	0	Y	Y		Y			
60	Student Affairs	Campus	Bentley William	1300.00%	1.0	Y	1.0	0			MER			N	N		N	0	Y	N		N			
60	Student Affairs	Campus	Jack Lauren	1600.00%	1.0	Y	1.0	0	25,000	24,000	MER	4,000	800	N	0	Y	740	N	0	Y	0	Y	1,400	N	0
60	Student Affairs	Campus	Janis Harley	1500.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			
60	Student Affairs	Campus	Jonathan Viera	2300.00%	0.9	Y	0.9	0			REG			Y	N		N	0	Y	Y		Y			
60	Student Affairs	Campus	Lisa Johnson	700.00%	1.0	N	0.0	0			NON			Y	Y		N	0	N	Y		Y			

Budget Expenditure and Revenue Entry is similar in Solver, as is Capital Projects, Grants, etc. Forecasting forms where you can do unlimited 'What-if' analysis are included as well.

As you can see, Solver has many uses for your Organization, with just a few included in this white paper. Every Unit or Department in your Organization can gain from using Solver. For more information please contact info@solverglobal.com