

# **Business Budgeting Software**

## **Tools**

**Business Intelligence**

*Assignment 3 Report*

*submitted by*

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# ABSTRACT

Creating an accurate budget helps a business manage its spending, project cash flow and determine optimal pricing levels for maximum profits. Using tools such as a simple software program or different accounting reports can help them plan their strategies in advance, monitor and track them and adjust their operations to stay on track and build profits.

Online business budgeting tools are a great option for any business that wishes to manage their budgets in a streamlined and organized way. These next generation tools focus on the keyword intuitive and require fewer specialized training, meaning that they're easy-to-use and can be implemented more quickly.

Every budgeting software listed here:

- Is relatively easy to use with little setup time
- Has unique features that stand out from other budgeting software
- Is by a trustworthy provider, with regular updates and high security

**[Keywords-features]:** Business Budgeting Tool, Data Analysis, Financial Planning

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## **ABBREVIATIONS**

BA	:	Business Analytics
BI	:	Business Intelligence
CFO	:	Chief Financial Officer
CPG	:	Consumer Packaged Goods
HTML	:	Hypertext Markup Language
IT	:	Information Technology

# Chapter 1

## Introduction

In these tough economic times, many recognize the importance of financial planning. You want to ensure that your resources are directed to best effect, and that means creating a spending plan that works well for your situation, and helps you prepare for the future.

Good budgeting software can help you take charge of your finances. Happily, a large number of free online budget tools exists. You can get help for nearly any budgetary need you have. Every personal finance expert will tell you that using a budget is a key component of making your money accomplish the most for you. Many people get overwhelmed at the thought of putting in the work it takes to create and manage a budget, but in todays day and age, budgeting has become so easy that theres no excuse for not doing it.

You no longer need to keep a ledger or create your own fancy spreadsheet in order to have a budget. With online budgeting tools like the ones listed here, using a budget to maximize your dollars is easier than ever.

# Chapter 2

## SCORO

Scoro is a cloud-based professional services solution for small to midsize companies in advertising, consulting, IT and other industries. [1] The solution provides a control hub that displays outstanding tasks, account information, key performance indicators, calendar events and more all on a single screen, in the form of a dashboard as shown in 2.1.

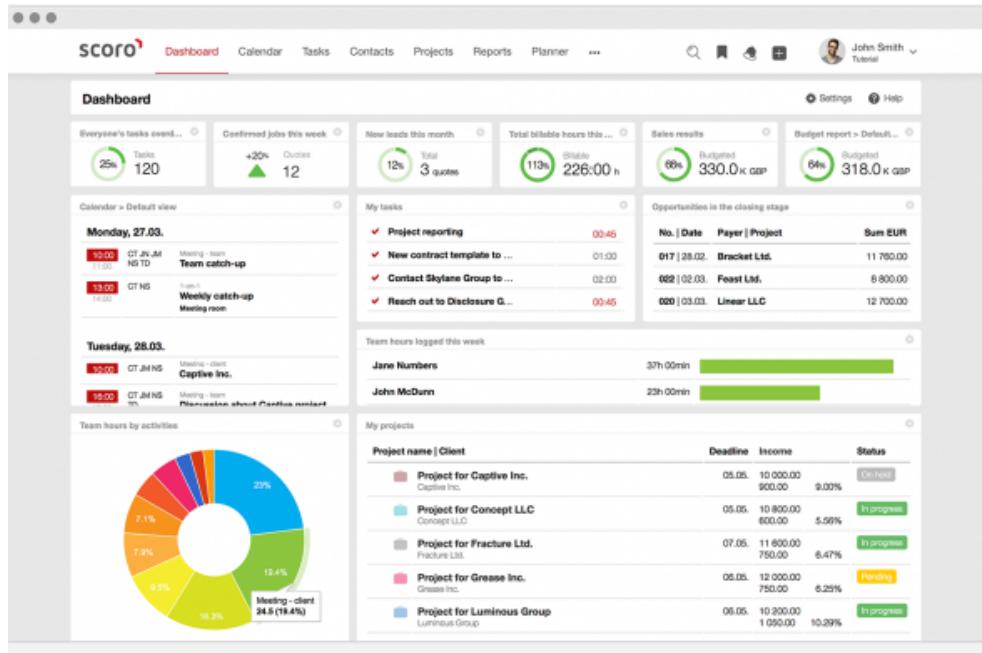


Figure 2.1: Dashboard

Scoro lets its users stay up to date and see any task changes in real time, as shown in Fig.2.2. Tasks are automatically populated in a task list that can be

sorted. Scoro allows different levels of access to different employees, to ensure that only relevant users are working on a particular project.

The screenshot shows the Scoro Tasks interface. At the top, there are navigation tabs: Dashboard, Calendar, Tasks (which is selected), Contacts, Projects, Reports, Planner, and more. A user profile for 'John Smith' is visible on the right. The main area is titled 'Tasks' and contains a 'New task' input field. Below it, there are filters: 'My tasks', 'All projects', 'All companies', 'Grouped by: Priorities', 'Sorted by: Projects', 'View', and 'Search tasks'. The tasks are listed in three sections: 'High priority', 'Medium priority', and 'Low priority'. Each section has a summary at the bottom indicating the number of tasks and their total duration. To the right, there is a 'My calendar' sidebar showing events for 'Today, 23.03.' and 'Tomorrow, 24.03.'

Figure 2.2: Task List

Each project can be viewed separately as shown in Fig.2.3 where all the project information, resources and budgets can be viewed in a single screen.

The screenshot shows the Scoro Projects interface. At the top, there are navigation tabs: Dashboard, Calendar, Tasks, Contacts, Projects (selected), Reports, Planner, and more. A user profile for 'John Smith' is visible on the right. The main area is titled 'Projects' and shows a list of projects. One project is highlighted: '[1] Project for Captive Inc.' with 'Captive Inc.' as the client. It shows the project status as 'In progress', project start date as '07.03.2017', project deadline as '05.05.2017', and estimated duration as '90h 00min'. Below this, there are sections for '2 quotes', '1 invoice', and '1 expense'. On the right, there are buttons for 'Project status report' and 'Project calendar'. Further down, there are sections for 'Project info' (including budget, actual, and budgeted values for invoices and expenses), 'Related contacts' (listing 'Kiera Hartley' with contact details), 'Planned activities' (listing 'Wireframes', 'UX Design', and 'Layouts with look and feel' with their respective times), and 'Past activities' (listing previous interactions with 'CT, JV, NB' on dates 28.03.2017 and 16.03.2017).

Figure 2.3: Project View

Each activity that falls into a project can be monitored using the Fig.2.4, which shows the activities involved in the project and the current status.

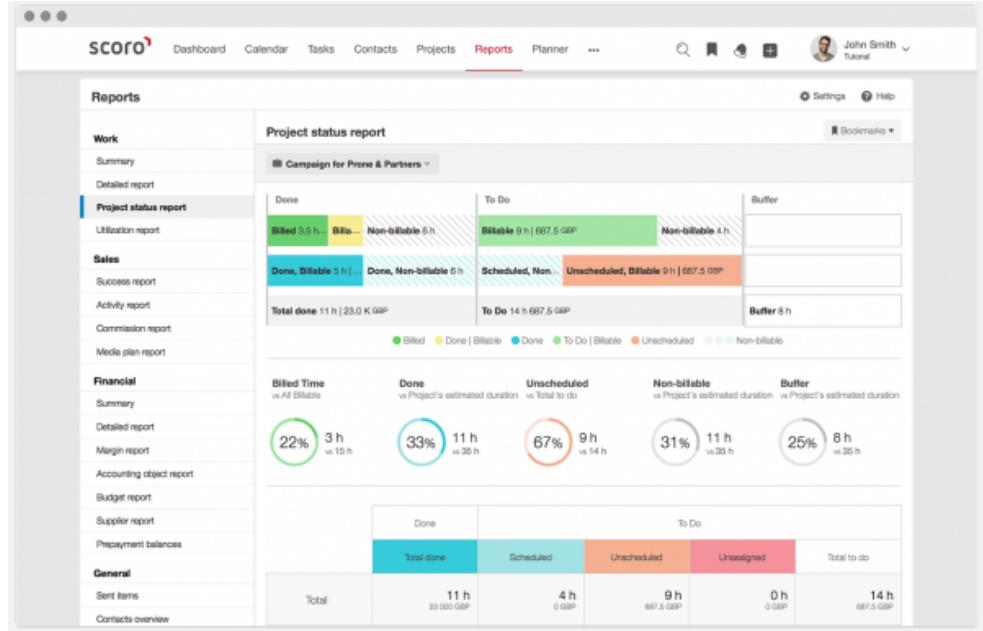


Figure 2.4: Project Status Report

Scoro has budgeting and invoicing capabilities including sending clients the initial invoice, clickable advanced reporting documents and expense and labor cost tracking.

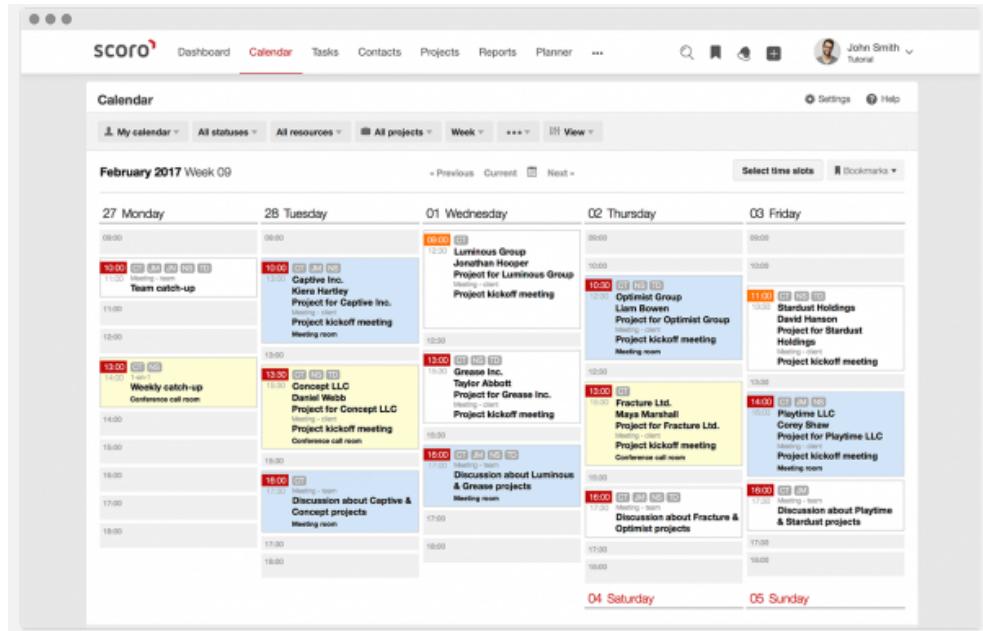


Figure 2.5: Calender

It provides a visual overview of the sales funnel and helps to define closing probability rates for each stage in the pipeline. Pipeline Reports show weighted averages for future months by stage as shown in Fig. 2.6.

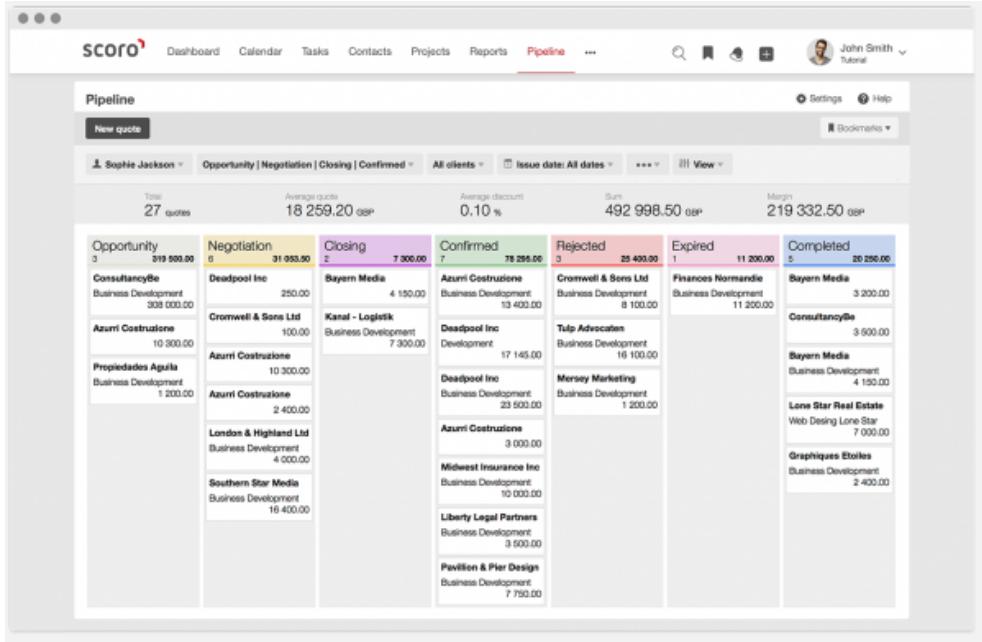


Figure 2.6: Pipeline

Scoro also integrates with many applications such as Outlook, Microsoft Dynamics, Dropbox and Mailchimp as shown in Fig.2.7. [2]

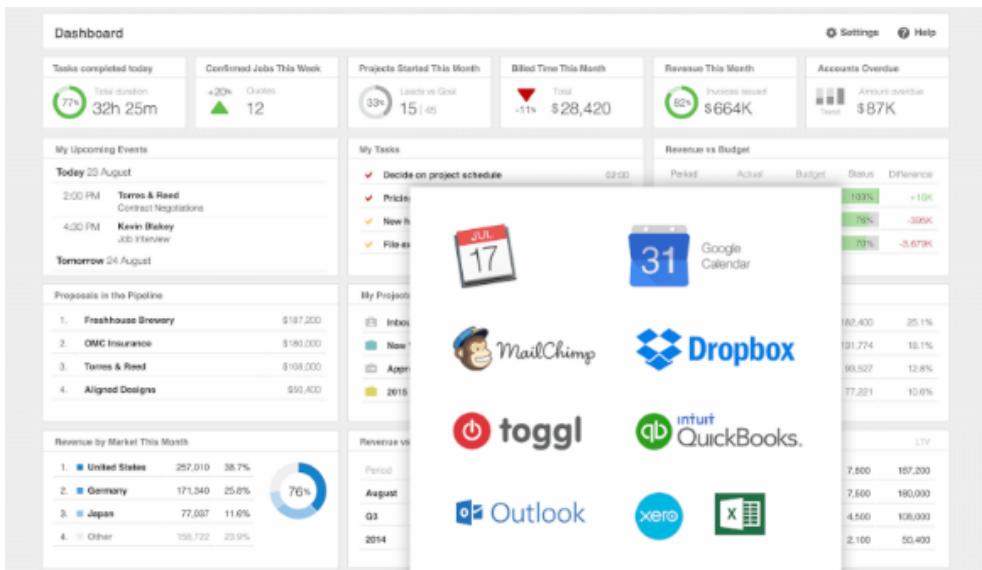


Figure 2.7: Integration

# Chapter 3

## GIDE

GIDE is a powerful and business friendly data modelling client server tool capable of fast calculations and collaborative cross network team work. [3] GIDE has three distinctive software elements addressing different data processes, yet working in concert to actively model and analyze data.

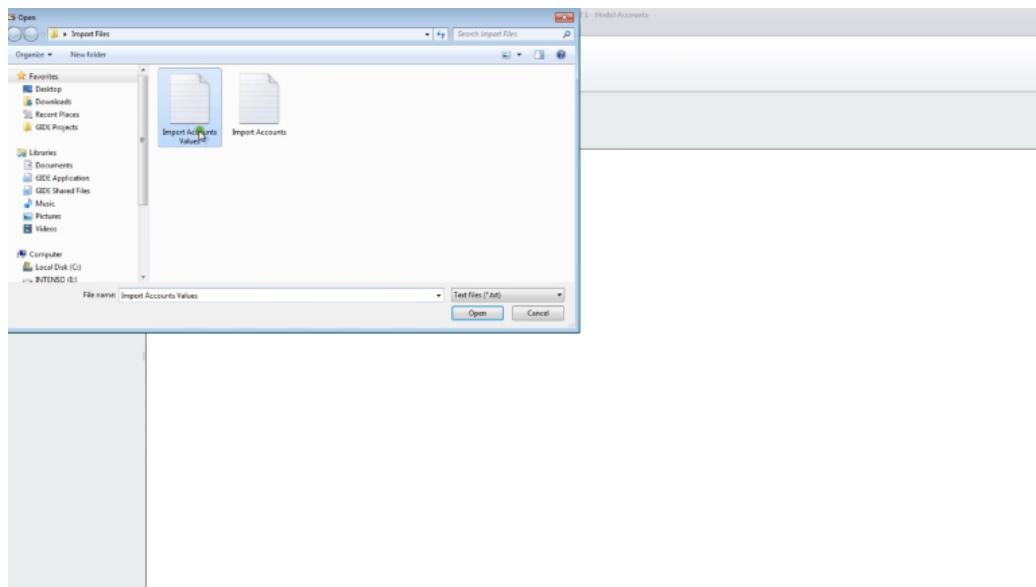


Figure 3.1: Importing Data

GIDE has the following features :

- GIDE Poweroom is a multi-dimensional analysis tool for high-granularity transactional data which combines cubes of data and allows the user the ability to model above this data.

- GIDE Dataroom is a deterministic financial and operational modelling tool, enabling building of holistic models, encompassing profit loss accounts, balance sheet, and cash flow models with operational data, human resources, debt service, capex, working capital, operating cash, variable and fixed costs, income tax, and provisioning.

- GIDE Boardroom is a web access viewing, reporting and work-flow social enterprise tool.

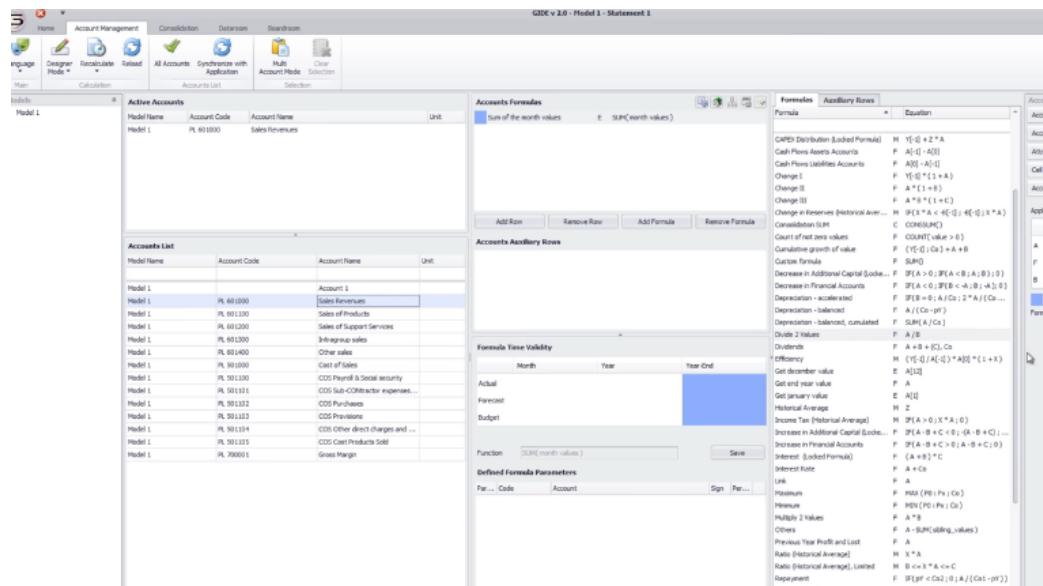


Figure 3.2: Using Formulae

GIDE gives business the versatility and do it yourself quality of spreadsheets, with a robust and error free calculation engine of expensive tailor made systems and an agile platform supporting real time workgroup collaboration.

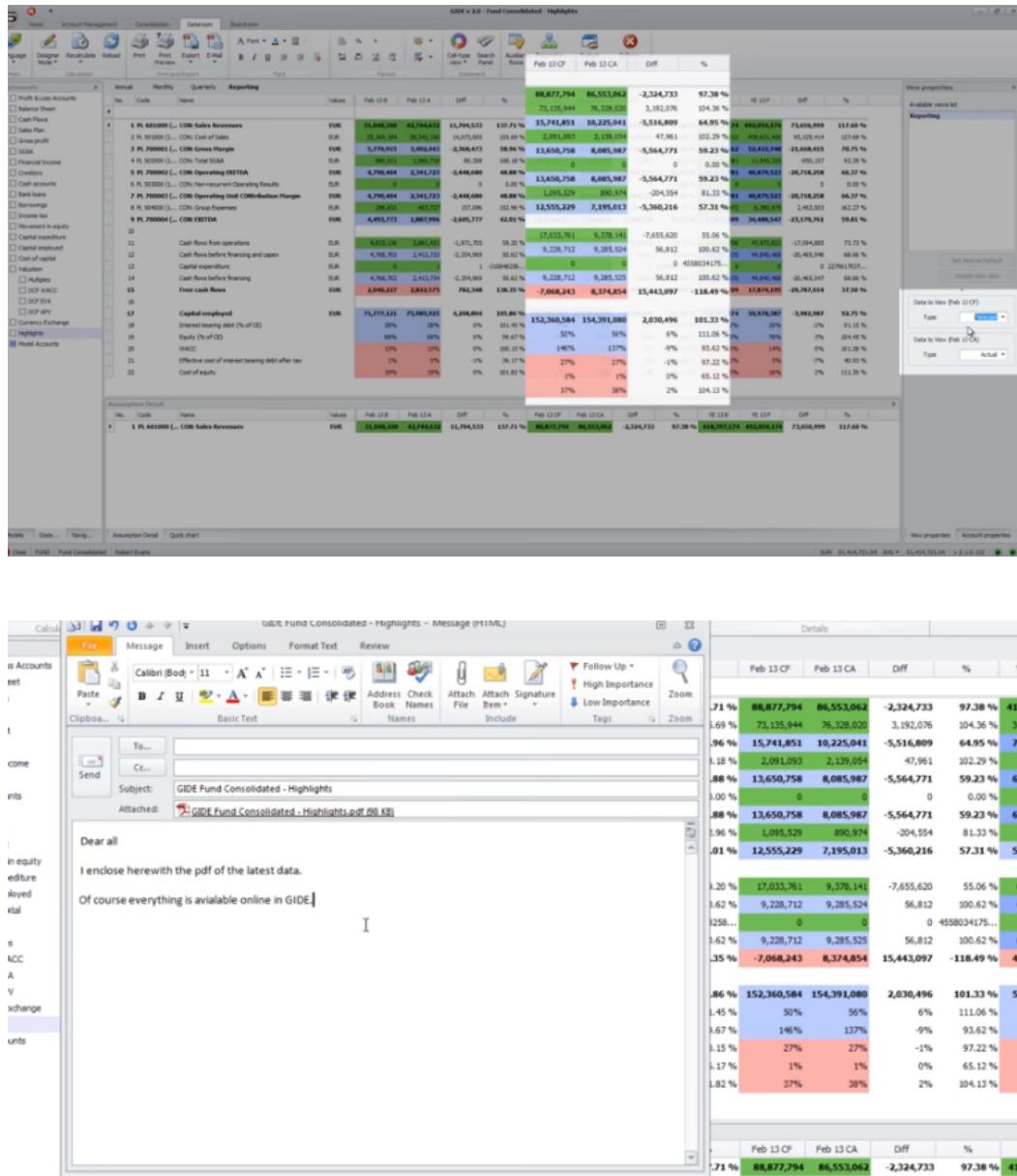


Figure 3.3: GIDE Reporting

GIDE supports any corporate process that requires intelligent and informed decision-making as far as the company's future is concerned. GIDE is implemented in weeks rather than months. GIDE talks to existing systems for data needs and in certain instances it replaces some. It provides error-free and easy to audit calculations, easy and instant reporting, smart user management, multi assumption modelling for a more than reasonable price.

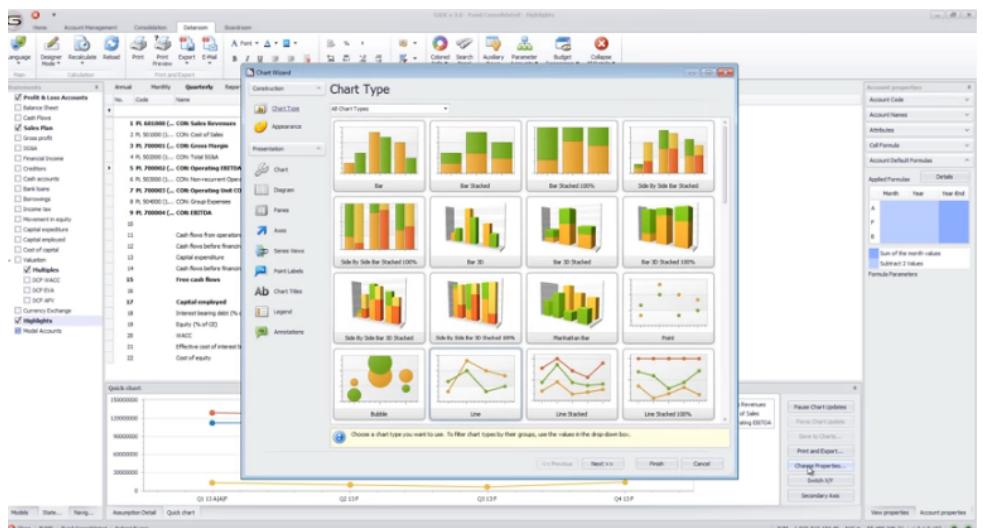
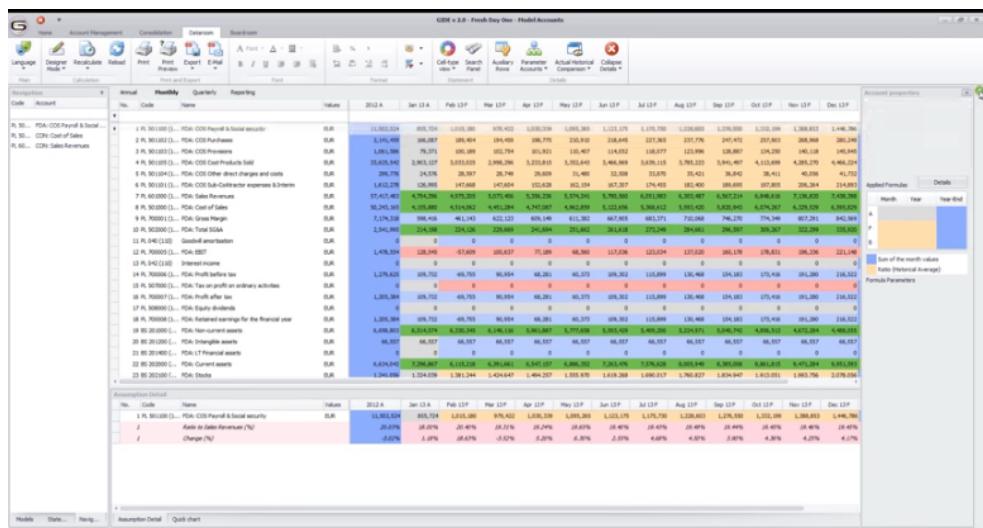
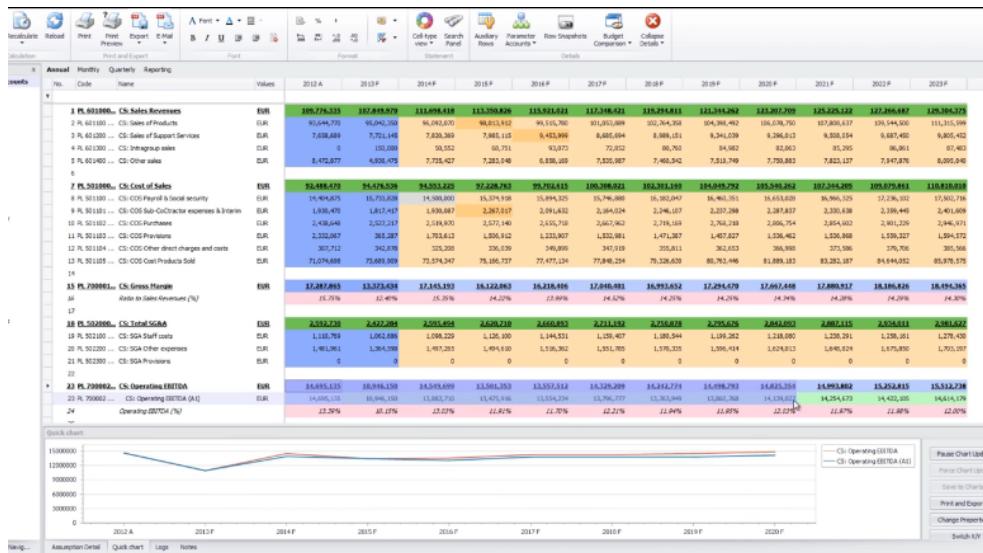


Figure 3.4: GIDE Modelling

GIDE supports :

- Total Budgeting, Forecasting and Planning
- Business Restructuring
- Financial or Operational Data Analyses
- "What if" Modelling
- Strategy Testing

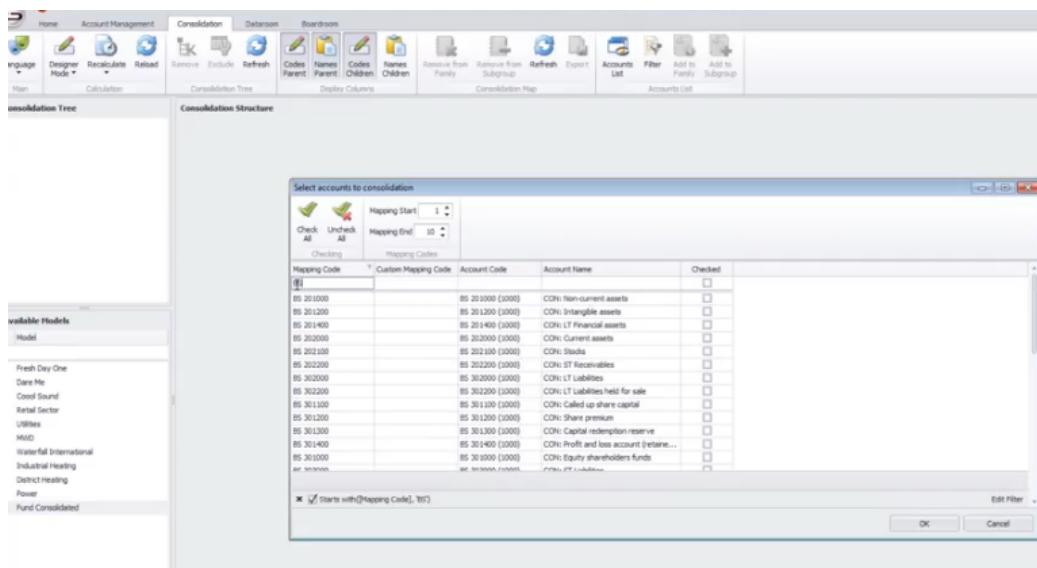


Figure 3.5: GIDE Consolidation

# Chapter 4

## TAGETIK

Tagetik is the first Cloud corporate performance management solution to unify disparate financial and operational processes in one automated platform. [4] It not only provides industry-specific capabilities, but also gives process-driven financial intelligence that orchestrates data - from multiple systems - across multiple business processes to deliver accurate information so that one can make informed decisions.

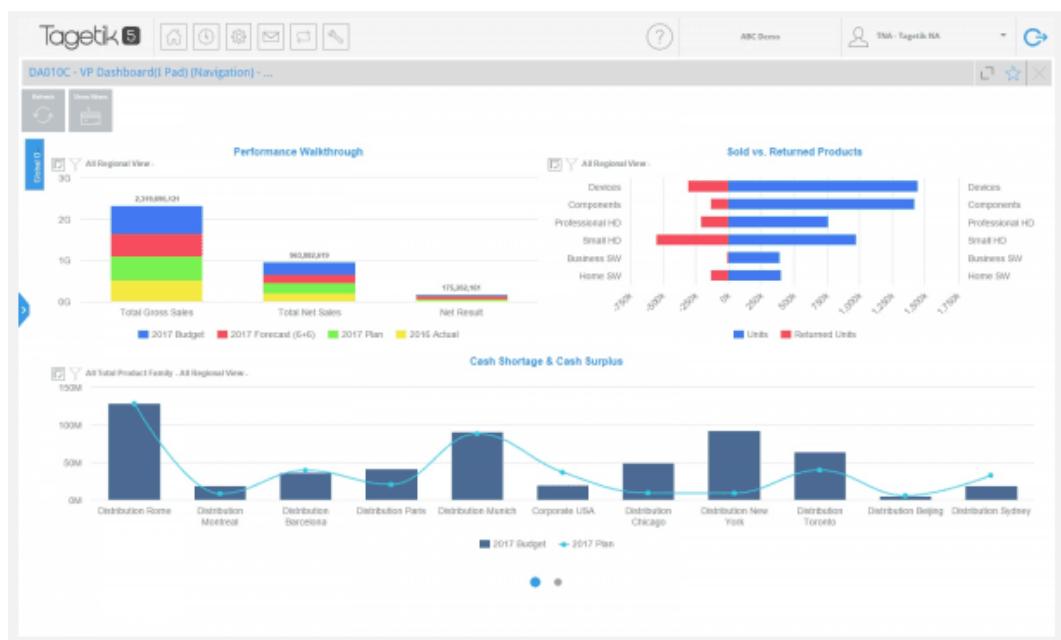


Figure 4.1: User Dashboard

Tagetik is a unified BI and accounting software that helps to optimize

financial and operational planning. The solution also shortens the consolidation and closing process and allows users to analyze results, model, as well as compare the financial impact of different business scenarios.

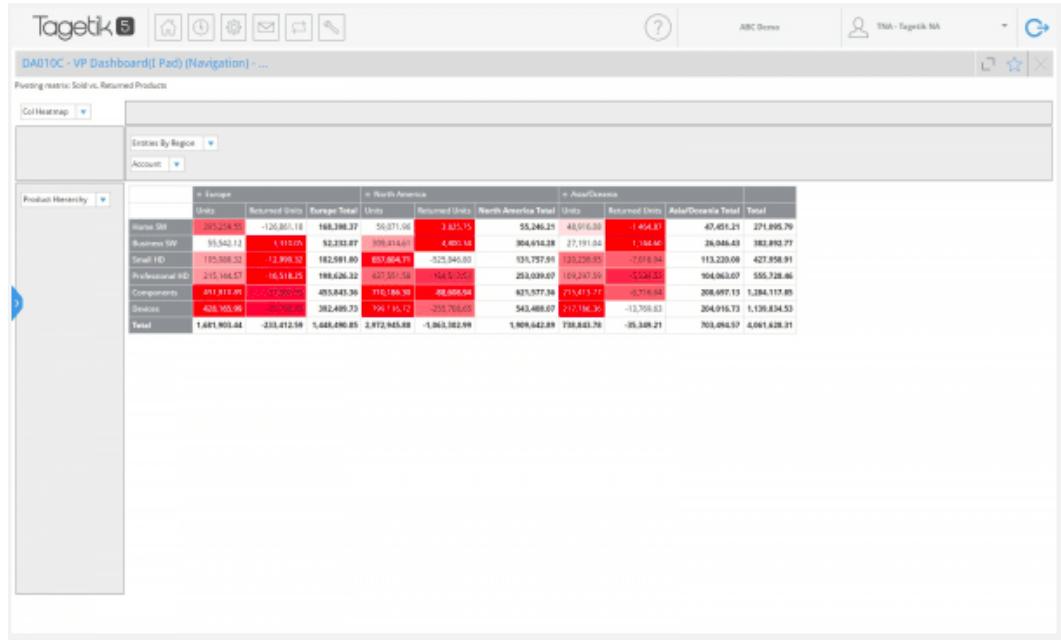


Figure 4.2: View of Entries By Region

Tagetik offers additional features which include adjusting strategic plans, updating rolling forecasts and producing formatted and auditable financial statements as well as management reports. The solution allows users to collaborate on business reviews and automates disclosure and board reporting.

Tagetik is deployable on the cloud, on-premises or in a hybrid approach, with the flexibility to transition from one to the other. Tagetik has integrations with various platforms including the full Microsoft Office and BI suite, Qlik and SAP HANA.

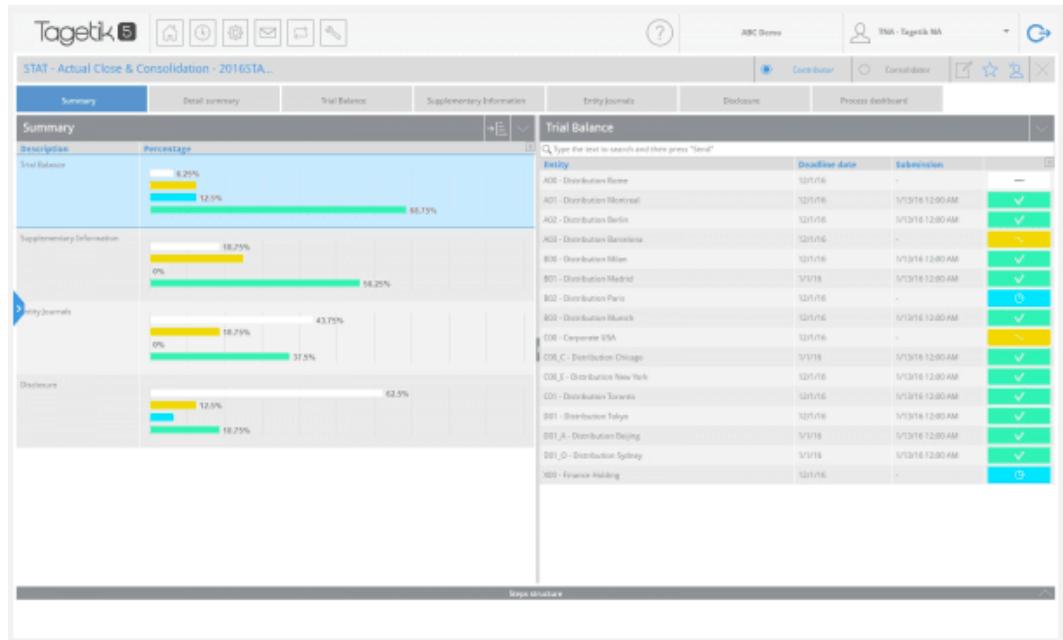


Figure 4.3: Trial Balance and Summary Reports

Companies use the software across all industry segments, including banking & financial services, manufacturing, insurance, software/technology firms, CPG, telecommunications, construction, and healthcare, and is most applicable to large enterprises.

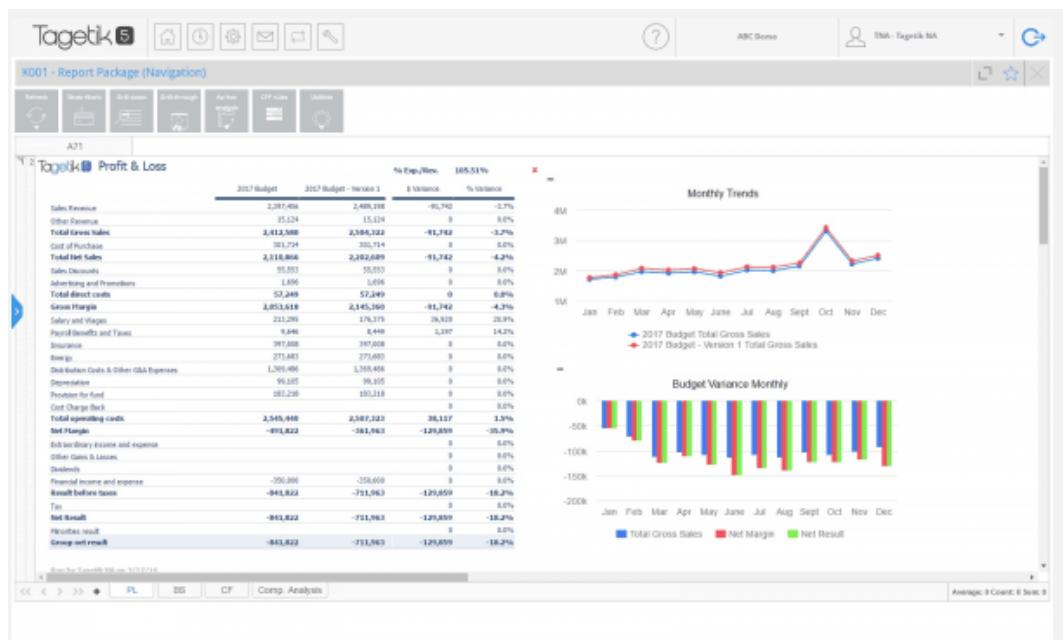


Figure 4.4: Profit and Loss Reports

# Chapter 5

## COUPA

Coupa Cloud Spend Management combines deep knowledge of e-procurement and expense management with a cutting-edge cloud computing architecture to help businesses spend smarter and save more. [5] It brings industry leading innovations in intelligent expense report auditing, real-time bench-marking and Internet crowd sourcing to companies looking for a simple, intuitive, cost-effective spend management solution.

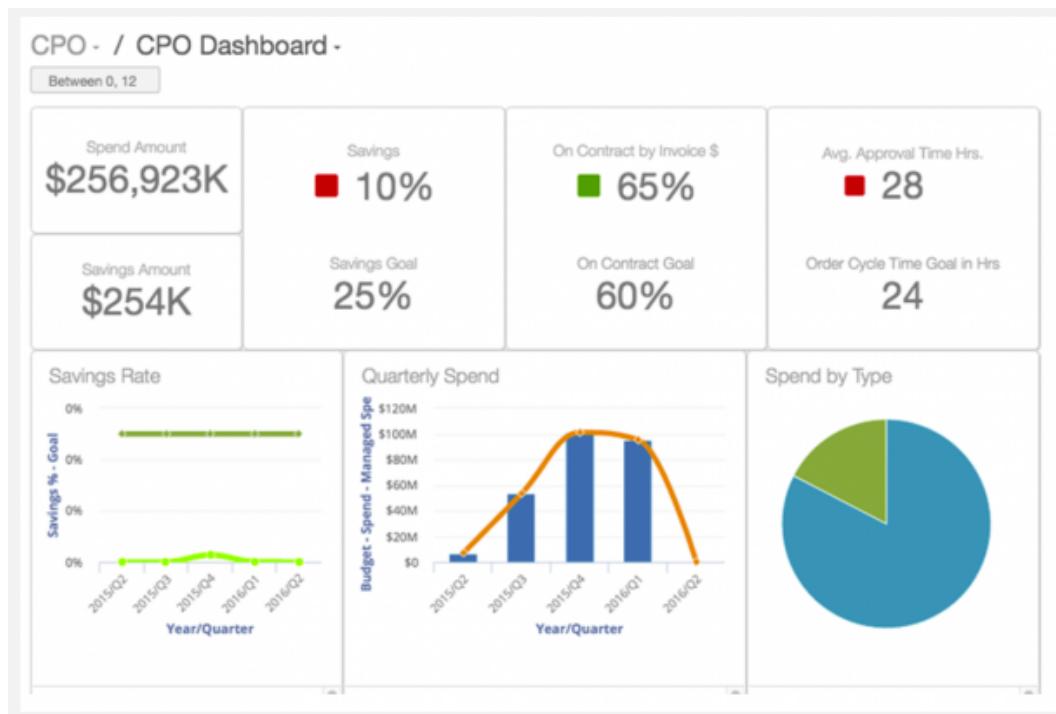


Figure 5.1: CPO Dashboard

Coupa procurement software can be configured for a number of industries, including apparel, biotechnology, food beverage and pharmaceuticals.

Coupa helps businesses stay within budget with its Executive Dashboards and Alerts, which provide real-time updates and actionable intelligence to control spending. Its intelligent audit scoring reviews those reports most likely to be in risk of fraudulent activity or out of compliance. Coupa simplifies the procure-to-pay process and also actively encourages all employees to contribute to cost-saving initiatives.

The screenshot shows the 'Contract Create' screen in Coupa. The main area is titled 'Contract Details' and contains the following fields:

- \* Supplier: Dunder Mifflin
- \* Contract Name: PCMag Test Contract
- \* Contract #: 42
- Status: New
- Starts: 09/14/17
- Expires: 09/13/18
- Owner: Rob Marvin
- Supplier Account #: 677
- Currency: USD
- Related Master Agreement
- Document Type: Perpetual
- Service Type: Maintenance
- Scope Of Services: Regular paper deliveries to Scranton branch
- Compensation and Billing: \$2,000 per delivery

Below these details is a 'Misc' section with the note: "Primary point of contact is Dwight Schrute, Assistant to the Regional Manager."

On the right side of the screen, there are three sections: 'Invoicing', 'Requisitions', and 'Content Groups'. The 'Invoicing' section includes fields for 'Supplier Can Invoice Directly' and 'Default Account For Supplier Invoice'. The 'Requisitions' section includes a field for 'Default On Unbilled Lines'. The 'Content Groups' section shows a list with 'Everyone' checked and 'Only members of these content groups' unchecked, with 'English - USD' selected.

Figure 5.2: Creating a Contract

It has some really great features to make life easier. Its iRequest function lets users search the Internet for great deals, then automatically add the best-priced item to requisition with the click of a button. It also integrates with Google Maps, so that employees can enter their start point and destination and Coupa uses the company's standard rate to determine the amount to be reimbursed. It also has a great tool, real-time Benchmarking, in which businesses can instantly quantify savings generated and benchmark that performance against eighteen market-specific indicators.

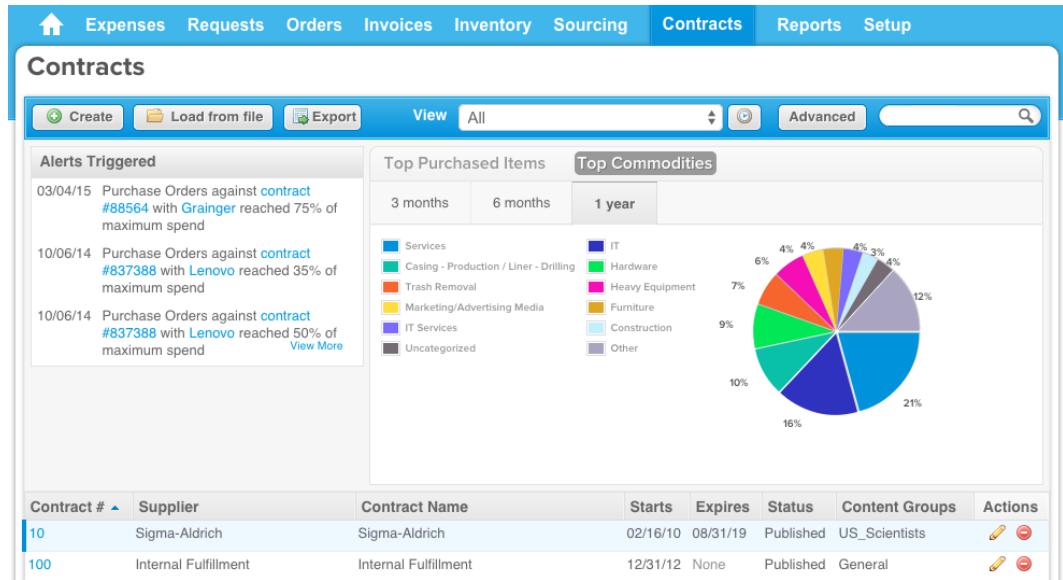


Figure 5.3: Contracts

For companies looking for a web-based e-procurement and expense management solution this tool is great.

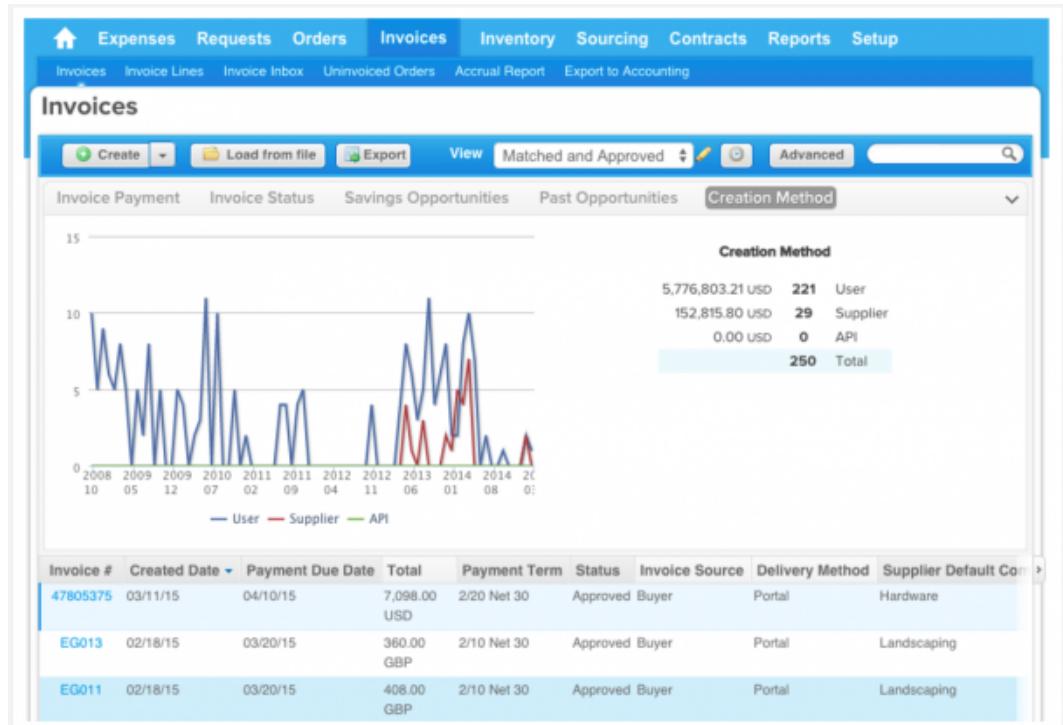


Figure 5.4: Invoice

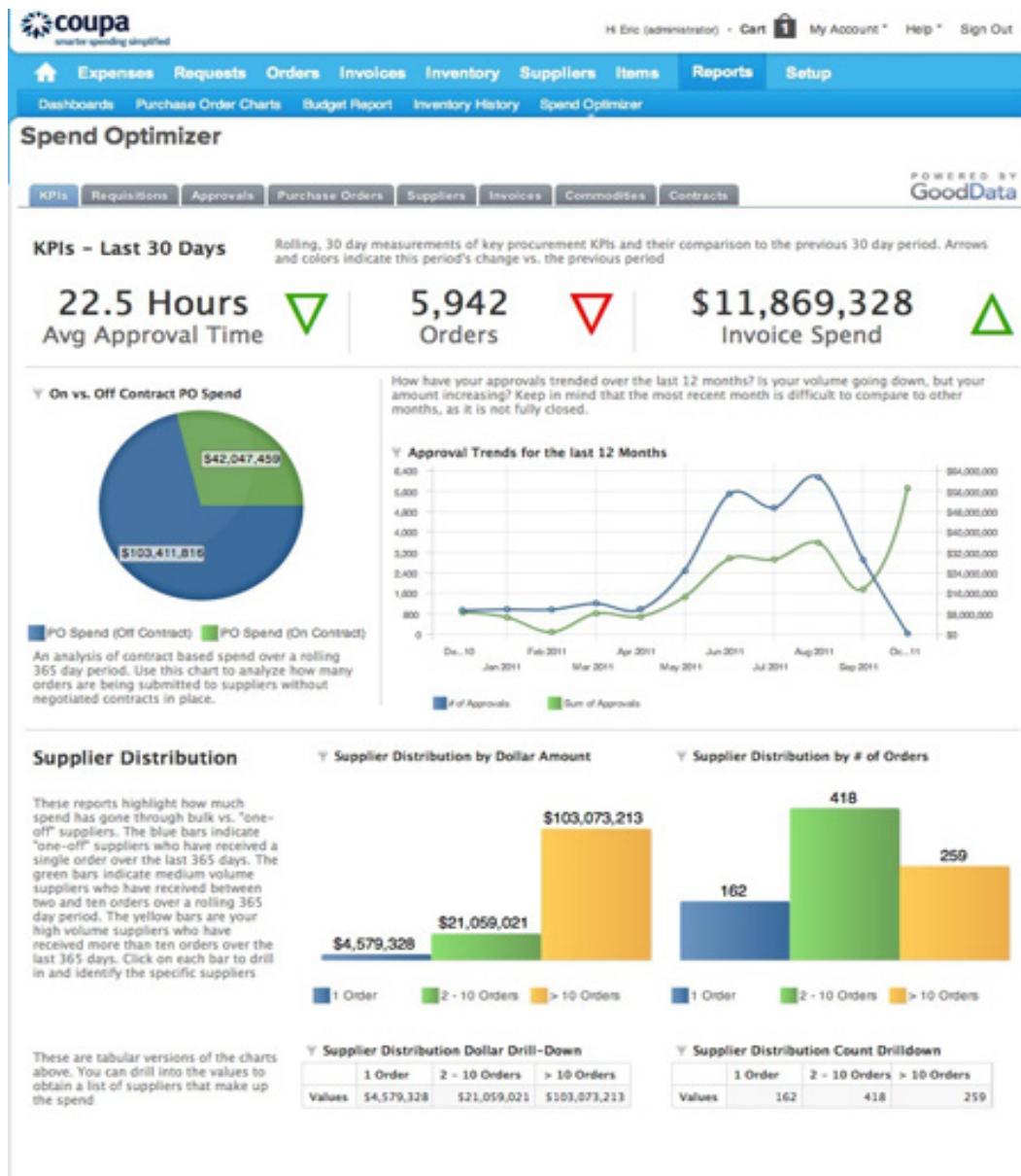


Figure 5.5: Spend Analysis

# Chapter 6

## TIDEMARK

Tidemark is a single-platform analytics suite that provides tools for extensive budget planning and result tracking. It extends financial planning beyond the CFO's office to the front lines of every business decision maker. [6] It helps medium and large enterprises transform their businesses with cloud-based planning, forecasting and analytic applications that work for everyone on any device. The applications empower business users to affect the complete story of their company performance.



Figure 6.1: Dashboard

The Tidemark platform uses the computing and storage elasticity of the public cloud to manage any data, at any scale and run calculations in real-

time. With an HTML5 consumer-like user experience, an organization can collaborate in planning cycles, run predictive what-if scenarios, and understand performance. The Tidemark Platform is a powerful multi-tenant environment provisioned, configured and deployed to focus on budgeting, forecasting and planning priorities. Tidemark uses Apache Hadoop to process large datasets across clusters of computers using simple programming models. Tidemark then leverages Spark to power high-level tools for predictive and machine learning capabilities.

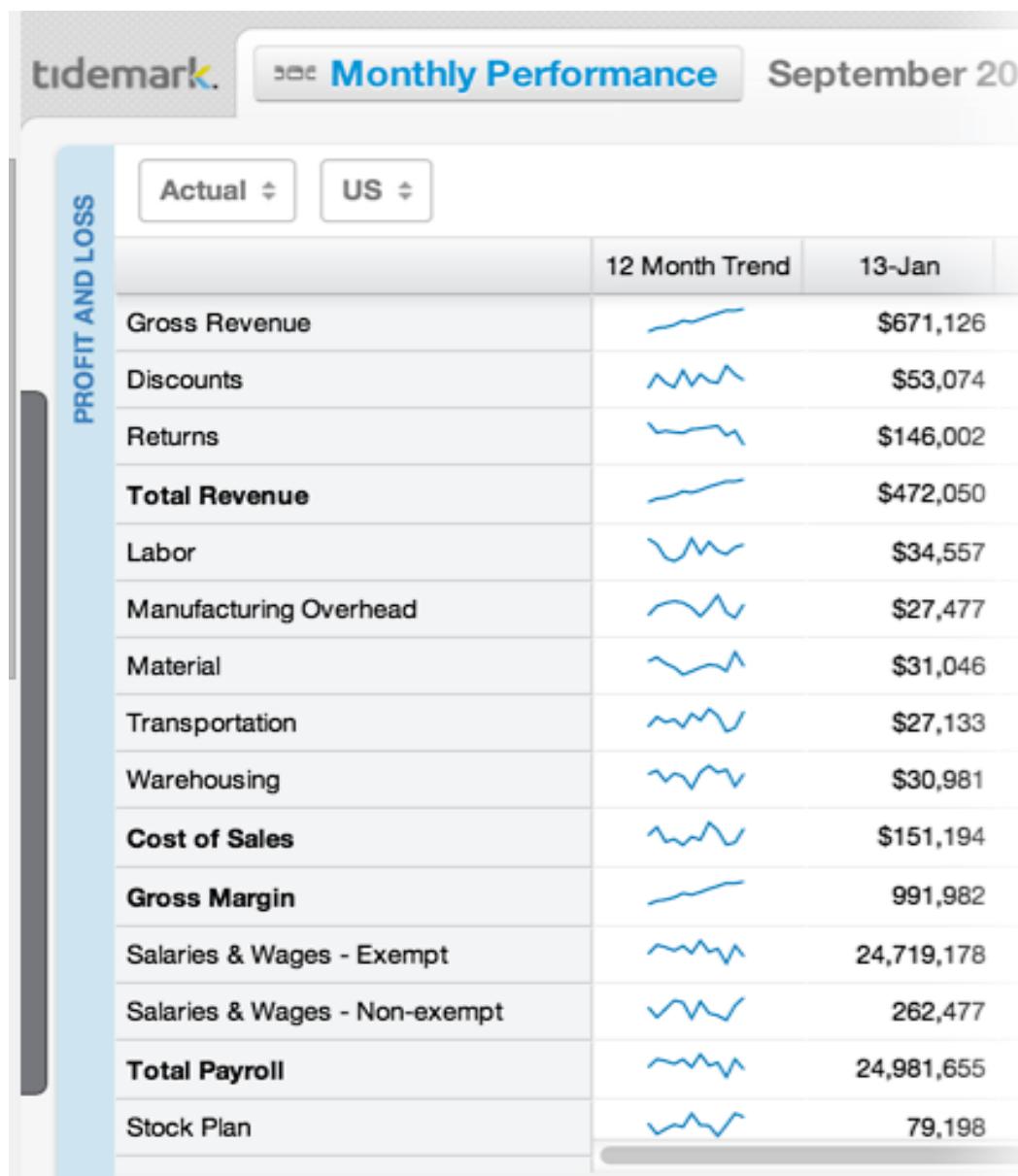


Figure 6.2: Analysis

Tidemark has a great tool for people and resource management that helps to keep track of non-financial measures as well.

Tidemark offers a portfolio of next-generation enterprise performance management applications that provides analytics and forecasting across organizations. It offers three applications that provide users with real-time access to risk-adjusted data metrics, profitability modeling, and other tools for strategic, financial, and operational planning.

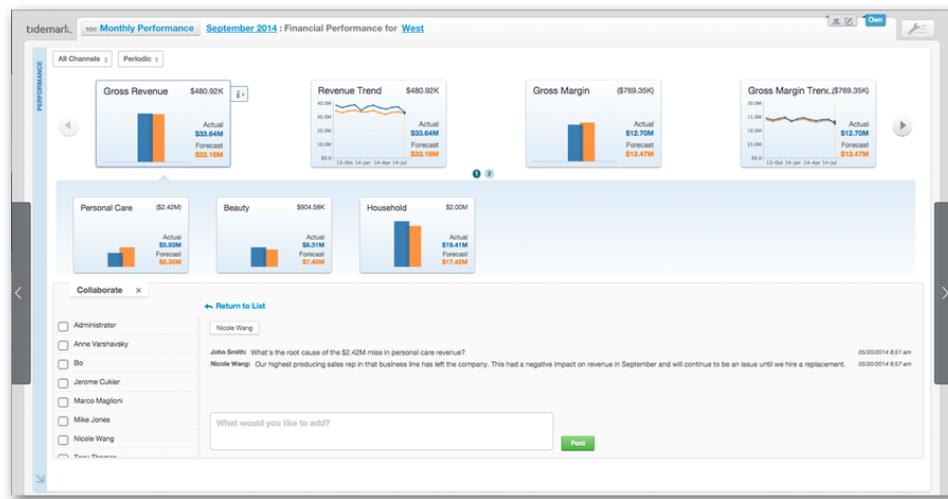


Figure 6.3: Performance Analysis

Tidemark also offers Storylines, a SaaS product presenting structured and unstructured data in a series of infographic-like images giving users an interactive and detailed view of a company's operations. Additionally, it integrates financial playbooks and predictive analytics functions to its software. The predictive analytics incorporates big data and social media information for use in forecasting and budgeting.

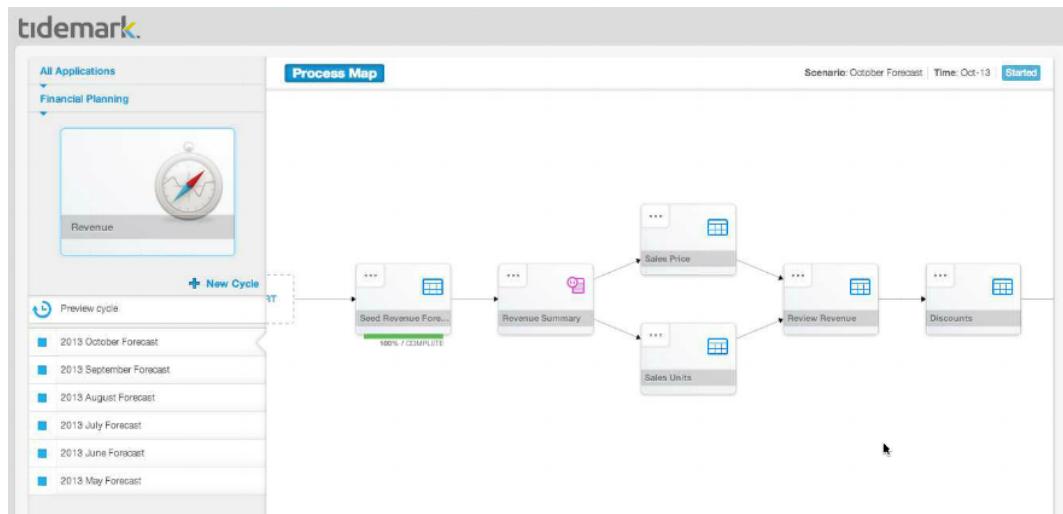


Figure 6.4: Designing a Process Map

#### Features of Tidemark:

- Revenue planning
- Supply chain management
- Financial planning
- Budgets and forecasts

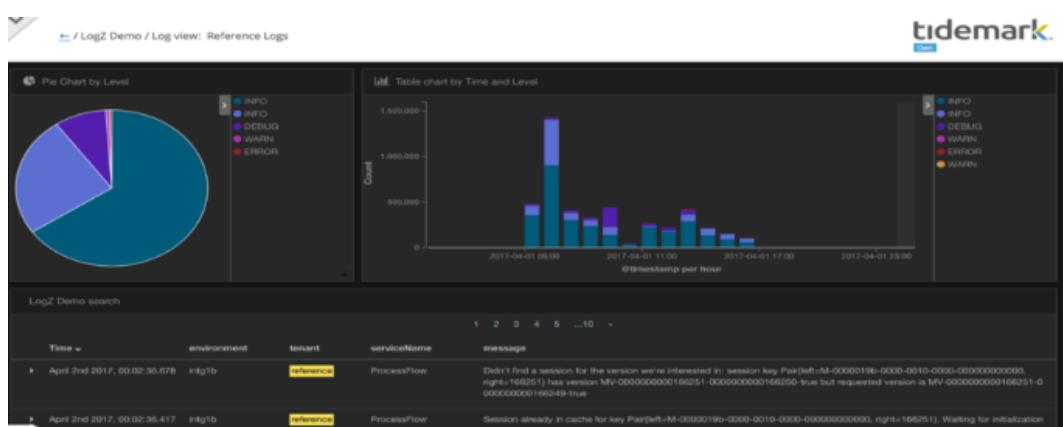


Figure 6.5: Reference Logs

smart... Revenue 2013 October Forecast : 54

Add to please select...

Revenue - Seed Revenue Forecast  
Adjusting forecasting upwards by 15% due to competition and will model

Select Preview

		Jan-13	Feb-13	Mar-13	Apr-13	May-13		
October Forecast	Net Revenue	4000	\$150,146,732	\$148,502,025	\$148,031,302	\$147,433,299	\$145,584,647	\$1-
	Cost of Sales	5000	\$56,872,406	\$56,258,895	\$56,076,595	\$55,857,165	\$55,151,679	\$1-
	Gross Margin	10, gm	\$93,274,327	\$92,243,130	\$91,954,707	\$91,576,134	\$90,432,968	\$1-
Actual	Net Revenue	4000	\$150,146,732	\$148,502,025	\$148,031,302	\$147,433,299	\$145,584,647	\$1-
	Cost of Sales	5000	\$56,872,406	\$56,258,895	\$56,076,595	\$55,857,165	\$55,151,679	\$1-
	Gross Margin	10, gm	\$93,274,327	\$92,243,130	\$91,954,707	\$91,576,134	\$90,432,968	\$1-
September Forecast	Net Revenue	4000	\$150,146,732	\$148,502,025	\$148,031,302	\$147,433,299	\$145,584,647	\$1-
	Cost of Sales	5000	\$56,872,406	\$56,258,895	\$56,076,595	\$55,857,165	\$55,151,679	\$1-

Adjusting forecasting upwards by 15% due to competition and will model.

Figure 6.6: Revenue Forecasting

# Chapter 7

## Conclusion

Since budgeting allows you to create a spending plan for your money, it ensures that you will always have enough money for the things you need and the things that are important to you. Following a budget or spending plan will also keep you out of debt or help you work your way out of debt if you are currently in debt.

Extending your budget out into the future also allows you to forecast how much money you will be able to save for important things like your vacation, a new vehicle, your first home or home renovations, an emergency savings account or your retirement. Using a realistic budget to forecast your spending for the year can really help you with your long term financial planning. You can then make realistic assumptions about your annual income and expense and plan for long term financial goals like starting your own business, buying an investment or recreation property or retiring.

Hence, budgeting tools mainly provide these important functionalities to large business units to plan effectively and be successful in their domain as budgeting and managing finances is one of the critical factors in determining the growth of a company.

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