



Your Guide to Scenario Planning for Higher Education



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Introduction

As history has shown us, the best laid plans often change. Whether it's rapidly changing market conditions, internal restructuring, or a spike in sales, you need to be agile in your approach to planning.

For many organizations, it can be a challenge to accurately budget, plan, and forecast. And when faced with disruption, it becomes even more apparent how necessary these core financial processes are to the success of the organization.

Finance executives need to be able to react quickly, adjusting business plans to reflect current market conditions. For many C-suite executives, particularly CFOs, this means constantly reforecasting, running scenarios, and informing employees of all possible outcomes.

To do this effectively, finance professionals need access to up-to-date data to determine what impact market fluctuations have had on sales, staffing, capital requirements, and cash flow.

The practice of taking stock of the business and its assets is at the foundation of scenario planning.

In this white paper, we will examine the applications of scenario planning, best practices, and how to apply the insights to your business.





Defining Scenario Planning

Defining Scenario Planning

Scenario planning sometimes referred to as “what-if” planning, can be defined as “a set of assumptions on what the future is going to be and how your business environment will change over time in light of that future.”¹

The purpose of scenario planning is to consider multiple potential “realities” and determine how to best react to each to support the financial health of your business. Scenario planning encompasses several different variables including users, data, dimensions, security, timing, and workflow. It is best suited for cases where:

- Past performance is not an indicator of future performance – trend-based forecasting is not applicable
- It is unclear how market volatility will play out based on the information available at the time – companies need to be able to react quickly to changing market conditions

As a finance practice, scenario planning has applications in all sectors including private, public, not-for-profit, and government. Scenario plans are usually created in collaboration with C-suite executives, senior finance management, and analysts, who are invested in improving their organizations’ financial planning.



¹ <https://www.smestrategy.net/blog/what-is-scenario-planning-and-how-to-use-it>

Scenario planning is also an essential part of the risk management process. Having the ability to pivot corporate plans and make informed decisions on production, go-to-market strategy, credit terms, and more, is a critical part of being an agile organization.

Let's look at an example of scenario planning in education:

Example

The CFO of an educational institution wants to understand how decreasing enrollment will affect her current staffing. She can create two different scenarios (Scenario A and B) that consider how X number of students, charged X tuition rate will affect her projected tuition revenues. With this insight, the CFO can evaluate different solutions for increasing enrollment, increasing tuition rate, or decreasing staffing.





Tools for Scenario Planning



Tools for Scenario Planning

One of the primary challenges of scenario planning lies in organizational attitudes towards spreadsheets. For companies who still prepare scenario plans or forecasts in spreadsheets, it's difficult, if not impossible, to effectively incorporate real-time data. This is because spreadsheets cannot connect disparate systems (ERP, CRM, HR, payroll, etc.), which houses the business' most valuable data.

Institutions interested in leveraging scenario planning should first challenge ingrained attitudes about the value of Excel.

As an alternative to spreadsheet-based systems, cloud-based software has been designed with scenario planning in mind. A financial performance platform is one such alternative, allowing finance leaders to easily create scenario plans based on existing budgets and forecasts. With access to relevant data anywhere, finance professionals can easily manage resources and improve decision-making based on opportunities and risks.



What is a Financial Performance Platform?



What is a Financial Performance Platform?

A financial performance platform is a comprehensive solution that helps you manage all your budgeting and finance activities. With a financial performance platform, you can automate repetitive or complex tasks, streamline your operations and boost productivity.

It empowers you to move beyond spreadsheets and into a new level of operational sophistication so you can:

- Streamline budget management
- Integrate data directly from the source
- Create comprehensive, insightful forecasts
- Conduct complex data analyses
- Automate repetitive processes
- Access real-time, data points
- Simplify consolidation and close

Using a platform like Prophix, you can accomplish all the tasks you once relied on spreadsheets for, and so much more. If you choose a cloud deployment, you can focus your attention completely on managing your finances and your budget.

A photograph of two men in a professional setting, possibly a meeting. The man on the right is standing and gesturing with his hands while speaking. He is wearing glasses and a dark shirt. The man on the left is seated, looking up at the standing man. He is wearing a light-colored shirt. The background is a blurred office environment with large windows. The image has a blue tint and is overlaid with large, semi-transparent red and blue shapes.

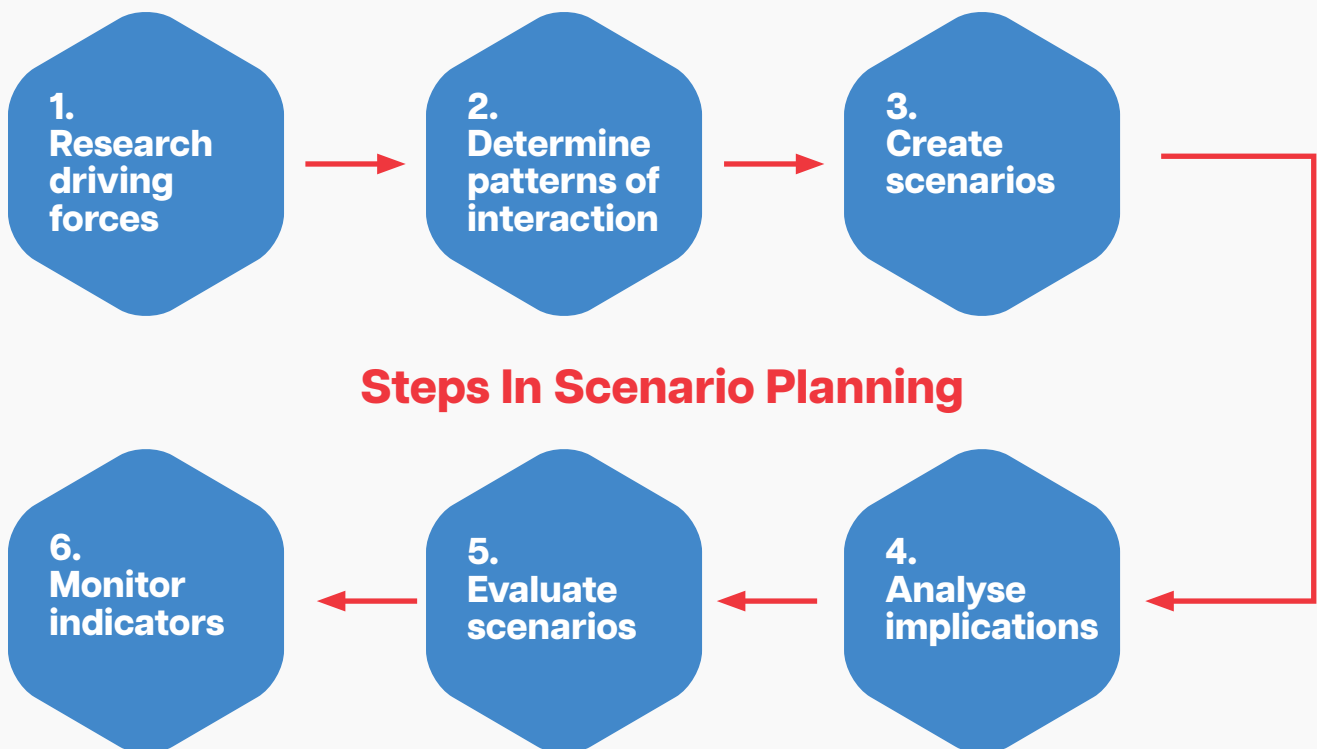
Creating a Scenario Plan

Creating a Scenario Plan

Before you create a scenario plan, there are several considerations to take into account. One of the first steps is to secure a commitment from senior management early in the process, as well as involving various departments within your organization. Before approaching your senior management team, you should have the following: ²

- Support from a member of your executive team
- Approval on the objectives and scope from your executive team
- A plan to keep senior management engaged and informed

As part of the scenario planning process, you will also need to identify your objectives and scope, define key drivers, and collect data.



a. Objectives and Scope

First, you must understand the objective and scope of your scenario plan. In times of crisis, many organizations use scenario planning to evaluate the viability of specific plans or decisions over a short period of time. Some guiding questions to ask yourself when establishing the scope of your scenario plan are: ³

- What issues or decisions are we trying to evaluate?
- Is there a high degree of uncertainty about the future environment in which we will face these issues or make decisions?
- What is the time horizon for making decisions and then executing them?

b. Define Key Drivers

Now that you've identified the scope and objectives of your scenario plan, you need to define what key drivers you'll model your plans around. CPA defines drivers as, "external factors that could influence the future environment and impact key internal variables."⁴ They go on to further explain that, "this means identifying those factors that could materially impact capital requirements profitability or risk over the time period being considered."⁵

External Drivers and Internal Variables

External Drivers

- Economic growth
- Government policy/regulation
- Demographic change
- Market size and growth rate
- Commodity prices
- Consumer spending
- Rate of technological innovation
- Inflation
- Cost of borrowing
- Social attitudes



Internal Variables

- Mission, vision, strategy
- Business model
- Customer satisfaction/loyalty
- Productivity
- Cost structure
- Quality
- Talent
- Time to market
- Reputation/trust
- Access to capital



c. Collect and Analyze Data

By leveraging centralized financial data, automation, and collaborative workflow management, cloud-based solutions allow finance professionals to quickly collect the data they need to adjust and plan for a better future. This is in stark contrast to spreadsheet-based systems that lack the agility necessary to build a forward-looking plan.

Scenario plans should incorporate a wide variety of data including, “historic trends, future projects and forecasts, insights to potential sources of disruption, alternative hypotheses of the future, and analyses of the relationships between key drivers.”⁶

Given that a financial performance platform integrates with your other business systems to provide a single, unified view into your financials, it’s easy to get a holistic view of your organization’s performance while satisfying the specific requirements for developing scenarios.

d. Develop Scenarios

Once you have identified your objectives and scope, defined your key drivers, and collected the necessary data, you’re ready to begin developing different scenarios. To ensure you’re successful, consider the three key pillars of scenario planning:

People

Foster an environment for collaboration by identifying, including, and empowering the right roles across your company.

Given the length and complexity of the scenario planning process, some stakeholders may have conflicting priorities, which is why it’s important to involve a variety of different roles and functions.

Process


Employ a tool that can help you drive your processes through workflows, map the planning cycle, and have regular and accountable touchpoints.

Technology

Utilize technology that allows you to connect your disparate business systems, giving you a single, cohesive view of your data. Purpose-built tools designed to streamline financial planning processes through automation will provide insights to stakeholders, enabling real-time data entry into budgets and forecasts.

These solutions can also simplify high-value repeatable processes like scenario planning and rolling forecasts.

²⁻⁶ <https://www.cpacanada.ca/en/business-and-accounting-resources/management-accounting/planning-budgeting-and-forecasting/publications/scenario-planning-a-three-part-series/scenario-planning-guidance>



This is where the benefits of centralized finance data in scenario planning become apparent. A financial performance platform brings together real-time, company-wide data from typically siloed systems, including:

Historical data and your most recent actuals from the GL in your ERP

Questions to ask: Are there correlations between your historical data and your recent actuals? What does analyzing the variances between your actuals and forecasts from your most recent reporting period tell you?

Sales volume data from your CRM

What were the booked sales from your last reporting period? What are the forecasted numbers for the upcoming period?



Pipeline health from your marketing automation system

What marketing campaigns or channels should you discontinue or double down on?

Personnel data from your HR System

Which roles lend themselves to remote working vs. onsite requirements? How long does it take to hire and onboard key roles?

With a financial performance platform, you can readily access your company-wide data to get a holistic view of your business, as well as better inputs, drivers, and outputs for the scenarios you model, as outlined above.





Insights and Applying Scenario Planning

Insights and Applying Scenario Planning

Proactive decision-making is one of the greatest benefits of scenario planning. Effective scenario plans give businesses a guiding framework with which to make informed decisions based on current events.

From company-wide data and the latest market intel, you can build and apply the insights from various scenarios to your business. As a starting point, you should consider no less than three scenarios:

High

Based on sales increasing, and demand spiking—due to sudden changes in the market or possibly new channels of revenue. It's a positive use case, but one that can add strain to a company in its own unique ways, perhaps requiring additional headcount or resources.

Medium

Assumes sales continue to trend based on your last period's actuals. This scenario shows how the last period's sales figures compare to forecasts, and what other decisions are needed to maintain your current trajectory.

Low

Where revenues or costs are challenging, and the only planning option involves revisiting your business model across fixed and variable expense structures, in addition to revenue streams.





If you're scenario planning because of disruption (i.e. financial crisis, pandemic, labor disruption, social unrest, or criminal activity), it's recommended to plan for more "low" scenarios to assess at which point you'll have to drastically cut costs. The insights you garner from scenario planning will benefit your organization by:

- Putting financial plans and budgets into context
- Creating a foundation for understanding and explaining variances by referencing scenario planning drivers
- Alerting you to potential opportunities and threats
- Identifying the inherent risks in using past performance as an indicator of future performance
- Increasing awareness of how external drivers affect performance



Conclusion

Conclusion

In the face of disruption, scenario planning is a powerful practice that can help put your business back on track. With the right systems and processes in place, finance departments can easily identify the scope, drivers, and data necessary to forecast a better future.

Prophix's Financial Performance Platform minimizes the time, effort, and errors often found in scenario planning, helping you to better reorganize and quickly plan for all potential outcomes.

Prophix will centralize your data and give you the platform to:

- Assess, inspect, and plan for varying potential scenarios
- Improve forecasting accuracy with rolling forecasts that frequently update with actuals, depending on macro- or microeconomic shifts
- Accelerate the planning cycle with greater accuracy
- Create new scenarios as fast as possible
- Improve collaboration and alignment across departments
- Better manage costs against sales forecasts
- Reduce business risk

Sources

CPA Canada, Scenario Planning Guidance – <https://www.cpacanada.ca/en/business-and-accounting-resources/management-accounting/planning-budgeting-and-forecasting/publications/scenario-planning-a-three-part-series/scenario-planning-guidance>

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About Prophix®

Ambitious finance leaders engage with Prophix to drive progress and do their best work. Leveraging Prophix One™, a Financial Performance Platform, to improve the speed and accuracy of decision-making within a harmonized user experience, global finance teams are empowered to step into the next generation of finance with no reservation. Crush complexity, reduce uncertainty, and illuminate data with access to best-in-class automated insights and planning, budgeting, forecasting, reporting, and consolidation functionalities. Prophix is a private company, backed by Hg Capital, a leading investor in software and services businesses. More than 3,000 active customers across the globe rely on Prophix to achieve organizational success. Additional information at www.prophix.com.

NORTH AMERICA

CANADA

3250 Bloor St. West
East Tower, Suite 1200
Toronto, ON
M8X 2X9
1 (800) 387-5915
+1-905-279-8711

UNITED STATES

707 SW Washington St.
Suite 1100
Portland, OR 97205
1 (800) 387-5915

UNITED KINGDOM

Paddington Works
8 Hermitage Street
London
W2 1BE
+44 (0) 208 050 3590

EUROPE

BELGIUM

Lenniksebaan 451
1070 Brussels
+32 (0) 2 456 89 60

DENMARK

Vesterbrogade 149
1620 København C
+ 45 7023 2375

FRANCE

Roosevelt House 6
avenue Franklin Roosevelt
75008 Paris
+33 1 88 86 00 24

GERMANY

Messeturm
60308 Frankfurt am Main
+49 69 509 565 607

ITALY

Via Paracelso, 26
20864 Agrate Brianza (MB)
+39 039 890 1574

LUXEMBOURG

22, rue de l'Industrie
L-8399 Windhof
+352 27 02 01 20

THE NETHERLANDS

De Boelelaan 7, 7th floor
1083 HJ Amsterdam
+31 (0)85 400 01 30

PORTUGAL

Av. D. João II n°35
Edifício Infante 11ºA
1990-083 Lisbon
+351 308 806 770

ASIA

INDONESIA

Soho @Podomoro City
Unit 29-15
Jl. Letjen S. Parman Kav. 28
Jakarta Barat 11470
+62 21 5021 2222

MALAYSIA

Unit 18-11, Level 18, Menara K1
Lorong 3/137C
Off Jalan Klang Lama
58200 Kuala Lumpur
+603 4815 1261

SINGAPORE

Blk 18 Boon Lay Way #07-109
Singapore 609966
+65 6316 8681

SOUTH AMERICA

BRAZIL – SÃO PAULO

Rua André Ampère
153/7º andar
Novo Brooklin – SP
04562-080
+55 11 3583-1678

BRAZIL – RIO DE JANEIRO

Av. Marechal Câmara 160 cj 932
Centro – RJ
20.020-080
+55 21 3094-3900

FIND US ONLINE

prophix.com

info@prophix.com