

# Simulations Plus Inc. Fundamental Company Report Including Financial, SWOT, Competitors and Industry Analysis

<https://marketpublishers.com/r/S5CEFA383B6BEN.html>

Date: May 2025

Pages: 50

Price: US\$ 499.00 (Single User License)

ID: S5CEFA383B6BEN

## Abstracts

Simulations Plus Inc. Fundamental Company Report provides a complete overview of the company's affairs. All available data is presented in a comprehensive and easily accessed format. The report includes financial and SWOT information, industry analysis, opinions, estimates, plus annual and quarterly forecasts made by stock market experts. The report also enables direct comparison to be made between Simulations Plus Inc. and its competitors. This provides our Clients with a clear understanding of Simulations Plus Inc. position in the [Software and Technology Services](#) Industry.

The report contains detailed information about Simulations Plus Inc. that gives an unrivalled in-depth knowledge about internal business-environment of the company: data about the owners, senior executives, locations, subsidiaries, markets, products, and company history.

Another part of the report is a SWOT-analysis carried out for Simulations Plus Inc.. It involves specifying the objective of the company's business and identifies the different factors that are favorable and unfavorable to achieving that objective. SWOT-analysis helps to understand company's strengths, weaknesses, opportunities, and possible threats against it.

The Simulations Plus Inc. financial analysis covers the income statement and ratio trend-charts with balance sheets and cash flows presented on an annual and quarterly basis. The report outlines the main financial ratios pertaining to profitability, margin analysis, asset turnover, credit ratios, and company's long-

term solvency. This sort of company's information will assist and strengthen your company's decision-making processes.

In the part that describes Simulations Plus Inc. competitors and the industry in whole, the information about company's financial ratios is compared to those of its competitors and to the industry. The unique analysis of the market and company's competitors along with detailed information about the internal and external factors affecting the relevant industry will help to manage your business environment. Your company's business and sales activities will be boosted by gaining an insight into your competitors' businesses.

Also the report provides relevant news, an analysis of PR-activity, and stock price movements. The latter are correlated with pertinent news and press releases, and annual and quarterly forecasts are given by a variety of experts and market research firms. Such information creates your awareness about principal trends of Simulations Plus Inc. business.

### **About Simulations Plus Inc.**

Simulations Plus, Inc. engages in the development and production of software for use in pharmaceutical research and for education, as well as provision of contract research services to the pharmaceutical industry. The company also produces a personal productivity software program called Abbreviate!.

The company, through its wholly owned subsidiary, Words+, Inc. (Words+), produces computer software and specialized hardware for use by persons with disabilities.

### **SIMULATIONS PLUS**

#### **Products**

The company offers four software products for pharmaceutical research: ADMET Predictor, MedChem Studio, DDDPlus, and GastroPlus.

#### **ADMET Predictor**

ADMET (Absorption, Distribution, Metabolism, Excretion and Toxicity) Predictor provides a collection of statistically numerical models that predict various properties of

chemical compounds from their molecular structures. ADMET Predictor includes a subprogram ADMET Modeler as an optional module. ADMET Modeler automates the training process, so very high quality models are produced in a small fraction of the time once required. With ADMET Modeler integrated into ADMET Predictor, scientists without model-building experience would use their own experimental data to create predictive models.

ADMET Predictor software serves as a tool to allow chemists to run different software programs in series to accomplish a set workflow for various molecules. Using Pipeline Pilot with ADMET Predictor (and MedChem Studio), perhaps in conjunction with other software products, chemists would create and screen libraries by running each program by itself.

#### MedChem Studio (formerly ClassPharmer)

MedChem Studio is a tool for medicinal and computational chemists for both data mining and for designing new drug-like molecules. Coupled with the accurate property predictions in ADMET Predictor, the two programs provide a capability for chemists to search through various libraries of compounds to find the promising classes and molecules that are active against a particular target. In addition, MedChem Studio with ADMET Predictor would take an interesting molecule and generate analogs (similar new molecules) using different algorithms. MedChem Studio's molecule design capabilities provide various ways for chemists to generate various chemical structures based on intelligence from compounds that have already been synthesized and tested, or from basic chemical reactions selected by the user.

#### DDDPlus

DDDPlus simulates in vitro laboratory experiments that measure the rate of dissolution of the drug contained in tablets and capsules in various experimental conditions. This software program is used by formulation scientists to reduce the number of cut-and-try attempts to design drug formulations, as well as to design in vitro experiments to mimic in vivo conditions.

#### GastroPlus

GastroPlus simulates the absorption, pharmacokinetics, and pharmacodynamics of drugs administered to humans and animals, and is in use at various pharmaceutical companies, the U.S. Food and Drug Administration (FDA), and other government

agencies in the U.S. and other countries. It would finalize the Version 7.0, which includes three major market-expanding capabilities that have been in development.

The information provided through GastroPlus simulations would guide project decisions in various ways. Among the kinds of knowledge gained through such simulations include the 'first dose in human' for a new drug prior to Phase I trials; whether a potential new drug compound is likely to be absorbed at high enough levels to achieve the desired blood concentrations needed for effective therapy; whether the absorption process is affected by certain enzymes and transporter proteins in the intestinal tract that may cause the amount of drug reaching the blood to be very different after absorption from one region of the intestine to another; when certain properties of a new compound are probably adequately estimated by *in silico* predictions (such as ADMET Predictor) or from simple experiments, than through *in vitro* or animal experiments; what the likely variations in blood and tissue concentration levels of a drug would be in a population, in different age groups or in different ethnic groups; and whether a formulation for an approved drug is to demonstrate bioequivalence (equivalent blood concentration versus time) to the marketed dosage form in a human trial.

### Contract Research and Consulting Services

The company conducts contracted studies for customers (including 5 pharmaceutical companies) who prefer to have studies run by its scientists.

### Marketing

The company markets its pharmaceutical software and consulting services through attendance and presentations at scientific meetings, exhibits at trade shows, seminars at pharmaceutical companies, and government agencies, through its Web pages on the Internet, and using various communication media to its compiled database of prospect and customer names. It added an independent sales representative in Europe, and it has two independent representatives in China.

### WORDS+

#### Products

WORDS+ is developing augmentative and alternative communication and computer access software and devices for disabled persons for over 29 years. It introduces EyePro, an eyegaze product. Eyegaze technology allows people to operate a computer

or communication device by looking at the screen, and has been a major breakthrough for people with severe disabilities.

## Markets

WORDS+ markets its products in the United States, Australia, New Zealand, Canada, England, Norway, Finland, the Netherlands, France, Ireland, Italy, Israel, Japan, Korea, Mexico, Malaysia, and Taiwan.

## History

Simulations Plus, Inc. was founded in 1996.

The above Company Fundamental Report is a half-ready report and contents are subject to change.

It means that we have all necessary data in our database to prepare the report but need **2-3 days** to complete it. During this time we are also updating the report with respect to the current moment. So, you can get all the most recent data available for the same price. Please note that preparation of additional types of analyses requires extra time.

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1 – Data availability depends on company's security policy.

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## ANALYSIS FEATURES

### SWOT Analysis

SWOT, which stands for Strengths, Weaknesses, Opportunities and Threats, is an analytical framework that identifies the internal and external factors that are favorable and unfavorable for a company.

### Enhanced SWOT Analysis

Enhanced SWOT is a 3x3 grid that arranges strengths, weaknesses, opportunities and threats into one scheme:

How to use the strengths to take advantage of the opportunities?

How to use the strengths to reduce likelihood and impact of the threats?

How to overcome the weaknesses that obstruct taking advantage of the opportunities?

How to overcome the weaknesses that can make the threats a reality?

Upon answering these questions a company can develop a project plan to improve its business performance.

### PESTEL Analysis

PESTEL (also termed as PESTLE) is an ideal tool to strategically analyze what influence different outside factors – political, economic, sociocultural, technological, environmental and legal – exert on a business to later chart its long term targets.

Being part of the external analysis when carrying out a strategic assessment or performing a market study, PESTEL gives an overview of diverse macro-environmental factors that any company should thoughtfully consider. By perceiving these outside environments, businesses can maximally benefit from the opportunities while minimizing the threats to the organization.

## Key Factors Examined by PESTEL Analysis:

**Political** – What opportunities and pressures are brought by political bodies and what is the degree of public regulations' impact on the business?

**Economic** – What economic policies, trends and structures are expected to affect the organization, what is this influence's degree?

**Sociological** – What cultural and societal aspects will work upon the demand for the business's products and operations?

**Technological** – What impact do the technological aspects, innovations, incentives and barriers have on the organization?

**Environmental** – What environmental and ecological facets, both locally and farther afield, are likely to predetermine the business?

**Legal** – What laws and legislation will exert influence on the style the business is carried out?

## **IFE, EFE, IE Matrices**

The Internal Factor Evaluation matrix (IFE matrix) is a strategic management tool helping audit or evaluate major weaknesses and strengths in a business's functional areas. In addition, IFE matrix serves as a basis for identifying and assessing relationships amongst those areas. The IFE matrix is utilised in strategy formulation.

The External Factor Evaluation matrix (EFE matrix) is a tool of strategic management that is typically utilised to assess current market conditions. It is an ideal instrument for visualising and prioritising the threats and opportunities a firm is facing.

The essential difference between the above mentioned matrices lies in the type of factors incorporated in the model; whilst the latter is engaged in internal factors, the former deals exceptionally with external factors – those exposed to social, political, economic, legal, etc. external forces.

Being a continuation of the EFE matrix and IFE matrix models, the Internal External matrix (IE matrix) rests upon an investigation of external and internal business factors

integrated into one suggestive model.

## **Porter Five Forces Analysis**

The Porter's five forces analysis studies the industry of operation and helps the company find new sources of competitive advantage. The analysis surveys an industry through five major questions:

What composes a threat of substitute products and services?

Is there a threat of new competitors entering the market?

What is the intensity of competitive rivalry?

How big is the bargaining power of buyers?

How significant is the bargaining power of suppliers?

## **VRIO Analysis**

VRIO stands for Value, Rarity, Imitability, Organization. This analysis helps to evaluate all company's resources and capabilities and bring them together into one aggregate table that includes:

Tangible resources

Financial

Physical

Technological

Organizational

Intangible resources

Human

Innovation and Creativity

## Reputation

### Organizational capabilities

The result of the analysis gives a clear picture of company's competitive and economic implications, answering the questions if the resources mentioned above are:

Valuable?

Rare?

Costly to imitate?

Organized properly?

## I would like to order

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