

---

# S&P TEST

SWOT & PESTLE.com

---

## ALTAIR ENGINEERING INC. SWOT & PESTLE ANALYSIS

© Barakaat Consulting - An Ezzy IT Consulting Business

This is a licensed product and is not to be photocopied or distributed. All rights reserved. Unauthorized reproduction is strictly prohibited. Research is based on best available materials and resources. To purchase reprints of this document, please email [support@swotandpestle.com](mailto:support@swotandpestle.com).

**Company Name :** Altair Engineering Inc.

**Company Sector :** Information Technology

**Operating Geography :** United States, North America, Global

**About the Company :**

Altair Engineering Inc. is a global technology company that provides software solutions in the areas of simulation, data analytics, and high-performance computing. The company was founded in 1985 and has its headquarters in Troy, Michigan, United States. Altair provides a suite of integrated solutions for product design and development, including computer-aided design (CAD), computer-aided engineering (CAE), and computer-aided manufacturing (CAM) tools. Altair's flagship product is HyperWorks, an open-architecture simulation platform that enables customers to optimize the design of their products and make informed decisions about product development. In recent years, Altair has expanded its offerings to include data analytics and artificial intelligence solutions. The company provides software tools for data visualization, statistical analysis, machine learning, and predictive analytics. Altair has a strong global presence, with offices in North America, Europe, and Asia, and a network of partners and resellers worldwide. As of early 2023, Altair employed over 2800 people. Altair was named one of Newsweek's 2022 Most Loved Workplaces, ranking 46 out of the top 100 firms in terms of employee happiness and satisfaction at work.

Altair's mission is to explore and unleash the limitless potential of the curious and creative mind by transforming product and business decision-making through simulation, data analytics and optimization solutions. The USP of Altair is that it ranked 1st for its Generative Design and is highly known for its world-class technology.

**Revenue :**

US\$ 532.2 million - FY ending 31st December 2021

US\$ 469.9 million - FY ending 31st December 2020

## SWOT Analysis :

The SWOT Analysis for Altair Engineering Inc. is given below:

Strengths	Weaknesses
<ul style="list-style-type: none"> <li>1.Unique range of advanced computational software products in 13+ categories</li> <li>2.Global Presence in 25 Countries across 6 continents</li> <li>3.High performing software products with revolutionary achievements</li> <li>4.Strategic and consistent acquisitions of competitor companies</li> <li>5. Top notch companies like Intel, NASA, BMW as its clients</li> </ul>	<ul style="list-style-type: none"> <li>1.Business expansion resulted in overall loss</li> <li>2.Ineffective means to counteract offline based software piracy</li> </ul>
Opportunities	Threats
<ul style="list-style-type: none"> <li>1.Opportunity to introduce softwares for advanced quantum computing</li> <li>2.Opportunity to increase market share in aerospace industry sector.</li> <li>3.Acquisition to expand product portfolio</li> </ul>	<ul style="list-style-type: none"> <li>1.Failing to keep up with technological advancement can render products obsolete</li> <li>2.Piracy of softwares will negatively affect company revenues</li> <li>3.Security breach and hacking could harm company in major aspects of its operations</li> </ul>

## PESTLE Analysis :

The PESTLE Analysis for Altair Engineering Inc. is given below:

Political	Economical
1.EU Regulations impose strict control over A.I. use 2.Militarization of A.I. is becoming a growing concern among largest economies	1.Public Cloud-computing market totaled \$233.4 Billion
Social	Technological
1.A.I. adoption becoming a popular trend among enterprises 2.Simulation of crowd encourage social distancing during Covid-19 pandemic	1. A.I. based emotion recognition system can resolve potential social security issues 2."Liquid" ML system adapts continually on job
Legal	Environmental
1.USA mandates use of A.I. technologies across the federal government 2.Bill to increase NSF budgeting focusing on societal science filed	1.Carbon footprint is a growing environmental concern

Please note that our free summary reports contain the SWOT and PESTLE table contents only. The complete report for **Altair Engineering Inc.** SWOT & PESTLE Analysis is a paid report at **27 U.S.D.**



\* By clicking on "Buy Now" you agree to accept our "Terms and Conditions."



# S&P

SWOT & PESTLE.com

SWOT & PESTLE.com is a leading strategy research portal covering detailed Strengths, Weaknesses, Opportunities, Threats (SWOT) and Political, Economic, Social, Technological, Legal and Environmental (PESTLE) analysis of leading industry sectors and organizations across the globe. Our full and comprehensive collection on SWOT and PESTLE has been written by our team of professional analysts consisting of MBA's, CFA's and industry experts. Our analysis has helped businesses, researchers and scholars with valuable insights to make strategic decisions and take their research forward.

We at SWOT & PESTLE.com aim to aid the understanding of the multifaceted business world by presenting a list of diverse companies from across the globe. Business organizations today cannot function in ways that ignore the surroundings that they are set in. SWOT & PESTLE.com makes a keen observation into this aspect and accounts for factors affecting such businesses.

# Copyright Notice

The information provided in the SWOT and PESTLE research reports on [www.swotandpestle.com](http://www.swotandpestle.com) are from publicly available documents and sources which are deemed reliable. Further the reports contain analysis and views from the SWOT & PESTLE.com research and analyst team which consists of qualified experts. While every attempt has been made to ensure completeness, accuracy and reliability of the analysis, Barakaat Consulting and its associate websites cannot be held responsible or legal liable for omissions or errors in our reports or on any of our pages.

(C)2024 Barakaat Consulting. All rights reserved. This report may not be reproduced, copied or redistributed, in whole or in part, in any form or by any means, without the express written consent of Barakaat Consulting. Also, Barakaat Consulting is the sole copyright owner of this report, and any use of this report by any third party is strictly prohibited without a license expressly granted by Barakaat Consulting. Neither all nor any part of the contents of this report, or any opinions expressed herein, can be used in advertising, press releases, or promotional materials without prior written approval from Barakaat Consulting. Any violation of Barakaat Consultings rights in this report will be executed to the fullest extent of the law, including the pursuit of monetary damages and injunctive relief in the event of any breach of the foregoing restrictions.

Client Support:  
**[support@swotandpestle.com](mailto:support@swotandpestle.com)**