

# Material Informatics - Company Evaluation Report, 2025

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# **Abstracts**

The Material Informatics Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Material Informatics. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and industry trends. MarketsandMarkets 360 Quadrants evaluated over 140 companies, of which the Top 17 Material Informatics Companies were categorized and recognized as the quadrant leaders.

Material informatics is a software platform that applies informatics principles to materials science and engineering, enhancing the understanding, utilization, selection, development, and discovery of materials. This innovative technology is designed for the rapid and efficient acquisition, management, analysis, and sharing of diverse materials data, helping to minimize the time, cost, and risk involved in the development, production, and deployment of new materials. Material informatics is widely used across various fields, including chemicals and pharmaceuticals, materials science, and manufacturing, with applications spanning industries such as automotive, aerospace, electronics and semiconductors, energy, and food science.

The 360 Quadrant maps the Material Informatics companies based on criteria such as revenue, geographic presence, growth strategies, investments, and sales strategies for the market presence of the Material Informatics quadrant. The top criteria for product footprint evaluation included Material Type (Elements, Chemicals, and other materials) and Industry (chemicals and pharmaceuticals, materials science, manufacturing, food science, energy, and other industries).

# **Key Players:**



Major vendors in the Material Informatics market are Schr?dinger, Dassault Syst?mes, Exabyte, Inc., Citrine Informatics, Phaseshift Technologies, MaterialsZone, Al Materia, Hitachi High-Tech Corporation, and Kebotix, Inc. These companies offer material informatics platforms for various applications. The key strategies major vendors implement in the Material Informatics market are partnerships, collaborations, product launches, and product enhancements.

# Schr?dinger, Inc.

Schr?dinger, Inc. is a prominent player in the material informatics market, focusing on software solutions that meet diverse material science needs. With a strong foothold in the North American market, Schr?dinger leverages its advanced chemical simulation technology to expand its presence across the pharmaceutical and materials science industries. The company's business model emphasizes continuous innovation and collaboration, aiming to enhance its company positioning within the market. By leveraging technology, Schr?dinger strives to increase its company market share, thereby maintaining its competitive edge.

# Dassault Syst?mes

Dassault Syst?mes stands out with its robust company product portfolio in material informatics. Known for its 3DEXPERIENCE platform, the company enhances customer engagement across various industries. By focusing on collaborative technologies, Dassault ensures its solutions remain at the forefront of industry needs, thereby strengthening its company ranking. Its strategic alliances and focus on research and development play a crucial role in maintaining its leadership position in the market.

## **Citrine Informatics**

Citrine Informatics excels in integrating artificial intelligence with materials science to drive R&D efficiency. The company's platform enables a streamlined approach to material innovation, providing clients with a higher degree of accuracy in product development. Citrine's ability to cater to niche market demands highlights its company profiles and solidifies its reputation as a leader in technological advancement. Their strategic focus on expanding application areas ensures sustained market growth and broadens their company footprint globally.



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