

KSA Industrial Design Market Size and Forecast (2021 - 2031), Regional Share, Trend, and Growth Opportunity Analysis Report Coverage: By Component [Software and Services (Product Development Services, Testing Services, Conceptual Consultation Services, Graphic Designing Services, and Others)], End User (Oil and Gas, Construction, Healthcare, Automotive, Consumer Electronics, Aerospace, and Others), and Country

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Abstracts

The KSA industrial design market size was valued at US\$ 611.89 billion in 2023 and is expected to reach US\$ 794.74 billion by 2031; it is estimated to record a CAGR of 3.3% from 2023 to 2031.

On the basis of end-use industry, the KSA industrial design market is segmented into oil & gas, construction, healthcare, automotive, consumer electronics, aerospace, and others. The oil and gas segment held the largest KSA industrial design market share in 2023. Design is critical in the oil & gas industry due to the complex and high influence of operations on the environment. Designing is crucial in offshore drilling platforms to cope with harsh marine environments. It is also required in refineries, storage facilities, piping designs, process designs, etc. Further, companies such as Hydro Group Systems offer the designing and manufacturing of electrical and optical connectors, penetrators, glands, cable assemblies, and terminals for subsea and harsh environments prevailing in the oil & gas industry.

Industrial design plays a crucial role in the construction industry, shaping the way

projects are conceptualized, planned, and executed. Industrial design software and services are necessary in architectural design; structural design; mechanical, electrical, and plumbing planning; urban planning; and landscape design. Moreover, there are several approaches to industrial design in the construction industry. For example, the design-build approach combines different aspects and functions of a construction project into one streamlined process.

Industrial design operation is emphasized in the healthcare sector to meet the goal of improving patient outcomes and the effectiveness of treatments and services (ultimately saving lives). Industrial designers offering services for this sector concentrate on providing comfort and lowering anxiety while designing healthcare spaces that are patient-centric. These designs create environments that support healing and well-being by using components such as calming hues, ergonomic furniture, and creative lighting solutions. The industry design can be used to enhance patient experience through the optimal usage of medical devices and digital healthcare solutions. Industrial designs in the healthcare sector are used to design smart hospitals, wearable medical devices, etc.

Autodesk Inc; Accenture Plc; Dassault Systemes SE; Hilti Corp; Adobe Inc; Ansys Inc; Siemens AG; Transcend Software Inc; ZWSOFT CO., LTD.; and Altair Engineering, Inc. are among the key KSA industrial design market players that are profiled in this market study.

The overall KSA industrial design market size has been derived using both primary and secondary sources. Exhaustive secondary research has been conducted using internal and external sources to obtain qualitative and quantitative information related to the KSA industrial design market size. The process also helps obtain an overview and forecast of the market with respect to all the market segments. Also, multiple primary interviews have been conducted with industry participants to validate the data and gain analytical insights. This process includes industry experts such as VPs, business development managers, market intelligence managers, and national sales managers, along with external consultants such as valuation experts, research analysts, and key opinion leaders, specializing in the KSA industrial design market.

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