

# **Global Non-destructive (NDT) Testing Software Market Size study & Forecast, by Type (Standard Software, Customized Software) by End Use Industry(Oil and Gas, Power and Energy, Aerospace and Defense, Automotive and Transportation, Construction and Other End-user Industries), and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Non-destructive (NDT) Testing Software Market is valued approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. In non-destructive testing (NDT), parts, materials, or assemblies are examined, tested, or evaluated. Without affecting the product's usability or component, it investigates differences in attributes or discontinuities. NDT programme can digitalize various NDT workflow processes, such as operations for inspection, testing, and integrity evaluation. In addition to assisting organizations in completing more inspections and testing faster, it also reduces the need for paper forms, filing cabinets, and spreadsheets. The Non-destructive (NDT) Testing Software market is expanding because of factors such as increasing adoption of NDT in aerospace industry, high demand for NDT methodology in oil & gas and power industries.

The best structural, material, and strength requirements are set by the aircraft industry. Also, the method is known as non-destructive evaluation (NDE), non-destructive inspection (NDI), and non-destructive examination (NDE). Cracks, surface failure, and structural weakness all carry several concerns, including the possibility of deadly accidents and human casualties. according to a report by an Aviation Consulting Organization, in 2018, there were 0.3 fatal incidents involving large commercial aircraft

for every million flights, and this number dropped to 0.18 for every million flights in 2019. These declining incidences indicates the adoption of NDT software in aerospace industry. Thus, rising aerospace industry in the region is fostering market growth. In addition, technological advancements in NDT technique and innovation and integration of artificial intelligence algorithm in software development is creating a lucrative growth to the market. However, high cost of non-destructive (NDT) testing software and lack of skilled & qualified personnel may hamper the market growth.

The key regions considered for the Global Non-destructive (NDT) Testing Software Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to advance aerospace industry, rising research and development industry as well as presence of key market players in the region. Whereas Europe is expected to grow with a highest CAGR during the forecast period, owing to factors such as rising demand from end use industry, geographic expansion of key players.

Major market player included in this report are:

YXLON International GmbH

TWI

Sonatest Ltd

Mistras Group

Eddyfi Technologies

Spinnsol

Olympus Ims

Waygate Technologies (Baker Hughes Digital Solutions GmbH)

Eclipse Scientific

Zetec Inc.

Recent Developments in the Market:

In April 2022, Eddyfi Technologies unveiled its eCommerce website, which was created to address the changing demands relating to the acquisition of cutting-edge NDT solutions. Users of the eCommerce site can compare models and options, including software versions and costs, using the site's user-friendly quotation configurator.

In May 2021, an industrial inspection management platform called Floodlight Software has introduced time and expense management capabilities. Inspectors may now simply record, and track expenses associated with their assignments and projects thanks to the new Time and Expense Report module.

Global Non-destructive (NDT) Testing Software Market Report Scope:

*Global Non-destructive (NDT) Testing Software Market Size study & Forecast, by Type (Standard Software, Custom...*

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, End Use Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Standard Software

Customized Software

By End Use Industry:

Oil and Gas

Power and Energy

Aerospace and Defense

Automotive and Transportation

Construction

Other End-user Industries

By Region:

North America

U.S.

Canada

Europe

UK

Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

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