

Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market: Analysis and Forecast, 2023-2033

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Abstracts

This report will be delivered in 1-5 working days.

Introduction to Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

The Europe non-destructive testing services in aerospace and defense market is estimated to reach \$437.0 million by 2033 from \$313.3 million in 2023, at a CAGR of 3.38% during the forecast period 2023-2033. The growth of Non-Destructive Testing (NDT) market can be attributed to increased satellite constellations and other growing space activities. The space and aviation sectors utilize advanced materials like composites in component manufacturing, necessitating advanced NDT techniques such as computed tomography for inspections. Furthermore, the incorporation of artificial intelligence (AI) and machine learning (ML) enhances testing speed and quality.

Market Introduction

The non-destructive testing (NDT) market in Europe holds a pivotal role in the aerospace and defense industry, boasting a mature stage with consistent and stable demand. In recent years, NDT techniques in Europe have diversified, encompassing methods like ultrasonic testing, eddy current testing, magnetic particle inspection, and radiographic inspection. These methods play a crucial role in identifying surface, sub-surface, and internal defects within aerospace and defense components. The Europe NDT market is poised for further growth driven by technological advancements, notably the integration of artificial intelligence (AI) and machine learning (ML), leading to higher accuracy and efficiency in inspections. The stringent requirements for aircraft

maintenance and safety standards maintenance also contribute to the growing demand for NDT services.

Market Segmentation:

Segmentation 1: by Type

Ultrasonic Testing

Radiographic Testing

Eddy Current Testing

Magnetic Particle Testing

Penetrant Testing

Visual Testing

Leak Detection Testing

Acoustic Emission Testing

Shearography

Thermography

Segmentation 3: by Country

Germany

France

U.K.

Spain

Rest-of-Europe

How can this report add value to an organization?

Product/Innovation Strategy: The service segment helps the reader understand the different NDT methods and end users that will generate the demand for non-destructive testing services. Moreover, the study provides the reader with a detailed understanding of the different non-destructive testing services market by type (ultrasonic testing, radiographic testing, eddy current testing, magnetic particle testing, penetrant testing, visual testing, leak detection testing, acoustic emission testing, and shearography, and thermography), and country.

Growth/Marketing Strategy: The non-destructive testing services market has seen major development by key players operating in the market, such as business expansion activities, contracts, mergers, partnerships, collaborations, and joint ventures. The favored strategy for the companies has been acquisitions and contracts to strengthen their position in the Europe non-destructive testing services in aerospace and defense market.

Competitive Strategy: Key players in the Europe non-destructive testing (NDT) services in aerospace and defense market analyzed and profiled in the study involve non-destructive testing service providers. Moreover, a detailed competitive benchmarking of the players operating in the Europe non-destructive testing (NDT) services in aerospace and defense market has been done to help the reader understand how players stack against each other, presenting a clear market landscape. Additionally, comprehensive competitive strategies such as contracts, partnerships, agreements, acquisitions, and collaborations will aid the reader in understanding the untapped revenue pockets in the market.

Key Market Players and Competition Synopsis

The companies that are profiled have been selected based on thorough secondary research, which includes analyzing company coverage, product portfolio, market penetration, and insights gathered from primary experts.

Some prominent names established in this market are:

Applus Services, S.A.

Element Materials Technology

FORCE Technology

Intertek Group plc

SGS Soci?t? G?n?rale de Surveillance SA

Testia

TWI Ltd.

Waygate Technologies

Contents

Executive Summary

1 MARKETS

1.1 Industry Outlook

- 1.1.1 Non-Destructive Testing Services in Aerospace and Defense: Overview
- 1.1.2 Non-Destructive Testing Services in Aerospace Manufacturing and Maintenance
 - 1.1.2.1 Aviation
 - 1.1.2.2 Space
- 1.1.3 Non-Destructive Testing Services in Defense Manufacturing and Maintenance
- 1.1.4 Evolving Technological Trends and Disruptions in Non-destructive Testing
 - 1.1.4.1 Computed Tomography (CT) for 3D Reconstruction of the Test Parts
 - 1.1.4.2 Integration of IoT and Cloud-Based Services
 - 1.1.4.3 Drone-Based Enabled NDT Inspection
- 1.1.5 Evolving End-User Requirements for Non-Destructive Testing

1.2 Business Dynamics

- 1.2.1 Business Drivers
 - 1.2.1.1 Easy Integration with the Manufacturing Process
 - 1.2.1.2 Increase in Demand to Maintain High Standards
- 1.2.2 Business Challenges
 - 1.2.2.1 Limitations in Testing Large and Complex Structures
 - 1.2.2.2 Unskilled Labor for the NDT Industry 4.0
- 1.2.3 Business Strategies
 - 1.2.3.1 New Product Launches
- 1.2.4 Corporate Strategies
 - 1.2.4.1 Partnerships, Collaborations, Agreements, and Contracts
 - 1.2.4.2 Mergers and Acquisitions
- 1.2.5 Business Opportunities
 - 1.2.5.1 Upcoming Demand for Satellite Constellation to Cater NewSpace Ecosystem
 - 1.2.5.2 Technological Advancements in NDT Inspections

2 REGION

2.1 Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Region)

2.2 Europe

2.2.1 Market

- 2.2.1.1 Key Service Providers in Europe
- 2.2.1.2 Business Drivers
- 2.2.1.3 Business Challenges
- 2.2.2 Service
 - 2.2.2.1 Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type)
- 2.2.3 Europe (by Country)
 - 2.2.3.1 Germany
 - 2.2.3.1.1 Market
 - 2.2.3.1.1.1 Key Service Providers in Germany
 - 2.2.3.1.2 Service
 - 2.2.3.1.2.1 Germany Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type)
 - 2.2.3.2 U.K.
 - 2.2.3.2.1 Market
 - 2.2.3.2.1.1 Key Service Providers in the U.K.
 - 2.2.3.2.2 Service
 - 2.2.3.2.2.1 U.K. Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type)
 - 2.2.3.3 France
 - 2.2.3.3.1 Market
 - 2.2.3.3.1.1 Key Service Providers in France
 - 2.2.3.3.2 Service
 - 2.2.3.3.2.1 France Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type)
 - 2.2.3.4 Spain
 - 2.2.3.4.1 Market
 - 2.2.3.4.1.1 Key Service Providers in Spain
 - 2.2.3.4.2 Service
 - 2.2.3.4.2.1 Spain Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Payload Capacity)
 - 2.2.3.5 Rest-of-Europe
 - 2.2.3.5.1 Market
 - 2.2.3.5.1.1.1 Key Service Providers in Rest-of-Europe
 - 2.2.3.5.2 Service
 - 2.2.3.5.2.1 Rest-of-Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type)

3 MARKETS – COMPETITIVE BENCHMARKING & COMPANY PROFILES

3.1 Market Share Analysis

3.2 Applus Services, S.A.

3.2.1 Company Overview

3.2.1.1 Role of Applus Services, S.A. in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.2.1.2 Service Portfolio

3.2.2 Corporate Strategies

3.2.2.1 Partnerships, Collaborations, Agreements, Investments, and Contracts

3.2.2.2 Mergers and Acquisitions

3.2.3 Analyst View

3.3 Element Materials Technology

3.3.1 Company Overview

3.3.1.1 Role of Element Materials Technology in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.3.1.2 Service Portfolio

3.3.2 Corporate Strategies

3.3.2.1 Mergers and Acquisitions

3.3.3 Analyst View

3.4 FORCE Technology

3.4.1 Company Overview

3.4.1.1 Role of FORCE Technology in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.4.1.2 Service Portfolio

3.4.2 Corporate Strategies

3.4.2.1 Partnerships, Collaborations, Agreements, Investments, and Contracts

3.4.3 Analyst View

3.5 Intertek Group plc

3.5.1 Company Overview

3.5.1.1 Role of Intertek Group plc in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.5.1.2 Service Portfolio

3.5.2 R&D Analysis

3.5.3 Analyst View

3.6 SGS Soci?t? G?n?rale de Surveillance SA

3.6.1 Company Overview

3.6.1.1 Role of SGS Soci?t? G?n?rale de Surveillance SA in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.6.1.2 Service Portfolio

3.6.2 Corporate Strategies

3.6.2.1 Mergers and Acquisitions

3.6.3 R&D Analysis

3.6.4 Analyst View

3.7 Testia

3.7.1 Company Overview

3.7.1.1 Role of Testia in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.7.1.2 Service Portfolio

3.7.2 Corporate Strategies

3.7.2.1 Partnerships, Collaborations, Agreements, Investments, and Contracts

3.7.3 Analyst View

3.8 TWI Ltd.

3.8.1 Company Overview

3.8.1.1 Role of TWI Ltd. in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.8.1.2 Service Portfolio

3.8.2 Corporate Strategies

3.8.2.1 Partnerships, Collaborations, Agreements, Investments, and Contracts

3.8.3 Analyst View

3.9 Waygate Technologies

3.9.1 Company Overview

3.9.1.1 Role of Waygate Technologies in the Non-Destructive Testing (NDT) Services in Aerospace and Defense Market

3.9.1.2 Service Portfolio

3.9.2 Business Strategies

3.9.2.1 New Product Launches

3.9.3 R&D Analysis

3.9.4 Analyst View

4 RESEARCH METHODOLOGY

4.1 Factors for Data Prediction and Modeling

List Of Figures

LIST OF FIGURES

Figure 1: Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market, \$Million, 2022-2033

Figure 2: Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type), \$Million, 2022 and 2033

Figure 3: Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Region), \$Million, 2023

Figure 4: Non-Destructive Testing (NDT) Services in Aerospace and Defense Market, Business Dynamics

Figure 5: Share of Key Market Strategies and Developments, January 2020- January 2023

Figure 6: Non-Destructive Testing (NDT) Services in Aerospace and Defense Share (by Company), \$Million, 2022

Figure 7: Intertek Group plc: R&D Analysis, \$Million, 2019-2021

Figure 8: SGS Soci?t? G?n?rale de Surveillance SA: R&D Analysis, \$Million, 2020-2021

Figure 9: Waygate Technologies: R&D Analysis, \$Million, 2019-2021

Figure 10: Research Methodology

Figure 11: Top-Down Approach

Figure 12: Assumptions and Limitations

List Of Tables

LIST OF TABLES

- Table 1: New Product Launches (by Company), January 2020-January 2023
- Table 2: Partnerships, Collaborations, Agreements, and Contracts, January 2020-January 2023
- Table 3: Mergers and Acquisitions, January 2020-January 2023
- Table 4: Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Region), \$Million, 2022-2033
- Table 5: Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type), \$Million, 2022-2033
- Table 6: Germany Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type), \$Million, 2022-2033
- Table 7: U.K. Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type), \$Million, 2022-2033
- Table 8: France Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type), \$Million, 2022-2033
- Table 9: Spain Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Payload Capacity), \$Million, 2022-2033
- Table 10: Rest-of-Europe Non-Destructive Testing (NDT) Services in Aerospace and Defense Market (by Type), \$Million, 2022-2033
- Table 11: Applus Services, S.A.: Service Portfolio
- Table 12: Applus Services, S.A.: Partnerships, Collaborations, Agreements, Investments, and Contracts
- Table 13: Applus Services, S.A.: Mergers and Acquisitions
- Table 14: Element Materials Technology: Service Portfolio
- Table 15: Element Materials Technology: Mergers and Acquisitions
- Table 16: FORCE Technology: Service Portfolio
- Table 17: FORCE Technology: Partnerships, Collaborations, Agreements, Investments, and Contracts
- Table 18: Intertek Group plc: Service Portfolio
- Table 19: SGS Soci?t? G?n?rale de Surveillance SA: Service Portfolio
- Table 20: SGS Soci?t? G?n?rale de Surveillance SA: Mergers and Acquisitions
- Table 21: Testia: Service Portfolio
- Table 22: Testia: Partnerships, Collaborations, Agreements, Investments, and Contracts
- Table 23: TWI Ltd.: Service Portfolio
- Table 24: TWI Ltd.: Partnerships, Collaborations, Agreements, Investments, and Contracts

Table 25: Waygate Technologies: Service Portfolio

Table 26: Waygate Technologies: New Product Launches

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