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Lung Cancer Screening Software Market Size, Trends, Analysis, and Outlook By Mode of Delivery (Cloud Based Solutions, On-Premise Solutions, Web Based Solutions), By Product (Lung Cancer Screening Radiology Solution, Lung Cancer Screening Patient Management Software, Nodule Management Software, Data Collection and Reporting, Patient Coordination and Workflow, Statistical Audit Reporting, Practice Management, Audit Log Tracking), By Type (Computer-Assisted Screening, Traditional Screening), By Application (Non-Small Cell Lung Cancer (NSCLC), Small Cell Lung Cancer (SCLC), By Platform (Standalone, Integrated, Purchase Mode, Institutional, Individual), By End-user (Oncology Centers, Hospitals, Ambulatory Surgical Centers, Others), By Distribution Channel (Direct Tender, Third Party Distributors), by Region, Country, Segment, and Companies, 2024-2030

https://marketpublishers.com/r/LA4420586D8CEN.html
Date: March 2024
Pages: 190
Price: US$ 3,980.00 (Single User License)
ID: LA4420586D8CEN

Abstracts

The global Lung Cancer Screening Software market size is poised to register 17.67% growth from 2024 to 2030, presenting significant growth prospects for companies

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operating in the industry. The industry study analyzes the global Lung Cancer Screening Software market across By Mode of Delivery (Cloud Based Solutions, On-Premise Solutions, Web Based Solutions), By Product (Lung Cancer Screening Radiology Solution, Lung Cancer Screening Patient Management Software, Nodule Management Software, Data Collection and Reporting, Patient Coordination and Workflow, Statistical Audit Reporting, Practice Management, Audit Log Tracking), By Type (Computer-Assisted Screening, Traditional Screening), By Application (Non-Small Cell Lung Cancer (NSCLC), Small Cell Lung Cancer (SCLC), By Platform (Standalone, Integrated, Purchase Mode, Institutional, Individual), By End-user (Oncology Centers, Hospitals, Ambulatory Surgical Centers, Others), By Distribution Channel (Direct Tender, Third Party Distributors).

The Lung Cancer Screening Software Market is experiencing growth driven by the rising incidence of lung cancer and the adoption of low-dose computed tomography (CT) screening programs for early detection and intervention. Lung cancer screening software facilitates image analysis, nodule detection, and radiology reporting to assist healthcare providers in interpreting screening CT scans and identifying suspicious lesions for further evaluation. Key trends shaping its future include the development of artificial intelligence (AI) algorithms and deep learning models for automated lung nodule detection, characterization, and risk stratification, the integration of advanced visualization tools and quantitative imaging biomarkers for improved diagnostic accuracy and efficiency, and the implementation of structured reporting templates and decision support systems to standardize screening protocols and enhance clinical workflow. Moreover, factors such as the growing awareness of lung cancer screening guidelines, the expansion of screening programs and reimbursement coverage, and the advancements in imaging technologies and image analysis algorithms are expected to drive market growth in 2024 and beyond.

Lung Cancer Screening Software Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Lung Cancer Screening Software market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Lung Cancer Screening Software survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Lung Cancer Screening Software industry.

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Key market trends defining the global Lung Cancer Screening Software demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Lung Cancer Screening Software Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Lung Cancer Screening Software industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Lung Cancer Screening Software companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Lung Cancer Screening Software industry

Leading Lung Cancer Screening Software companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Lung Cancer Screening Software companies.

Lung Cancer Screening Software Market Study- Strategic Analysis Review

The Lung Cancer Screening Software market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

- Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

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Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Lung Cancer Screening Software Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Lung Cancer Screening Software industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

Lung Cancer Screening Software Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

North America Lung Cancer Screening Software Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Lung Cancer Screening Software market segments. Similarly, Strong end-user demand is encouraging Canadian Lung Cancer Screening Software companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Lung Cancer Screening Software market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international

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stakeholders.

Europe Lung Cancer Screening Software Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Lung Cancer Screening Software industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Lung Cancer Screening Software market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Lung Cancer Screening Software Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Lung Cancer Screening Software in Asia Pacific. In particular, China, India, and South East Asian Lung Cancer Screening Software markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Lung Cancer Screening Software Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Lung Cancer Screening Software Market Size Outlook- continues its upward trajectory across segments

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Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Lung Cancer Screening Software market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Lung Cancer Screening Software.

Lung Cancer Screening Software Market Company Profiles

The global Lung Cancer Screening Software market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Aidence.com, AstraZeneca, Canon Medical Informatics Inc, Coreline Soft Co. Ltd, Epic Systems Corp, F. Hoffmann-La Roche Ltd, FUJIFILM Holdings Corp, General Electric Company, Genesystem, HealthMyne, Koninklijke Philips N.V, Lungview, MagView, Median Technologies, Medtronic, MeVis Medical Solutions AG, MyCareWare Inc, Nuance Communications Inc, Oncocyte Corp, Optellum Ltd, PenRad Technologies Inc, REVEALDX, Siemens Healthcare GmBH, Thynk Health, Volpara Health Ltd

Recent Lung Cancer Screening Software Market Developments

The global Lung Cancer Screening Software market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Lung Cancer Screening Software Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

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Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter’s Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Mode of Delivery

Cloud Based Solutions

On-Premise Solutions

Web Based Solutions

By Product

Lung Cancer Screening Radiology Solution

Lung Cancer Screening Patient Management Software

Nodule Management Software

Data Collection and Reporting

Patient Coordination and Workflow

Statistical Audit Reporting

Practice Management

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Audit Log Tracking

By Type

Computer-Assisted Screening

Traditional Screening

By Application

Non-Small Cell Lung Cancer (NSCLC)

Small Cell Lung Cancer (SCLC)

By Platform

Standalone

Integrated

Purchase Mode

Institutional

Individual

By End-User

Oncology Centers

Hospitals

Ambulatory Surgical Centers

Others

By Distribution Channel

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Direct Tender

Third Party Distributors

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Aidence.com

AstraZeneca

Canon Medical Informatics Inc

Coreline Soft Co. Ltd

Epic Systems Corp

F. Hoffmann-La Roche Ltd

FUJIFILM Holdings Corp

General Electric Company

Genesystem

HealthMyne

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Koninklijke Philips N.V

Lungview

MagView

Median Technologies

Medtronic

MeVis Medical Solutions AG

MyCareWare Inc

Nuance Communications Inc

Oncocyte Corp

Optellum Ltd

PenRad Technologies Inc

REVEALDX

Siemens Healthcare GmbH

Thynk Health

Volpara Health Ltd

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Contents

1. EXECUTIVE SUMMARY

1.1 Lung Cancer Screening Software Market Overview and Key Findings, 2024
1.2 Lung Cancer Screening Software Market Size and Growth Outlook, 2021- 2030
1.3 Lung Cancer Screening Software Market Growth Opportunities to 2030
1.4 Key Lung Cancer Screening Software Market Trends and Challenges
  1.4.1 Lung Cancer Screening Software Market Drivers and Trends
  1.4.2 Lung Cancer Screening Software Market Challenges
1.5 Competitive Landscape and Key Players
1.6 Competitive Analysis- Growth Strategies Adopted by Leading Lung Cancer Screening Software Companies

2. LUNG CANCER SCREENING SOFTWARE MARKET SIZE OUTLOOK TO 2030

2.1 Lung Cancer Screening Software Market Size Outlook, USD Million, 2021- 2030
2.2 Lung Cancer Screening Software Incremental Market Growth Outlook, %, 2021-2030
2.3 Segment Snapshot, 2024

3. LUNG CANCER SCREENING SOFTWARE MARKET- STRATEGIC ANALYSIS REVIEW

3.1 Porter's Five Forces Analysis
* Threat of New Entrants
* Threat of Substitutes
* Intensity of Competitive Rivalry
* Bargaining Power of Buyers
* Bargaining Power of Suppliers
3.2 Value Chain Analysis
3.3 SWOT Analysis

4. LUNG CANCER SCREENING SOFTWARE MARKET SEGMENTATION ANALYSIS AND OUTLOOK

4.1 Market Segmentation and Scope
4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
By Mode of Delivery

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Cloud Based Solutions
On-Premise Solutions
Web Based Solutions
By Product
Lung Cancer Screening Radiology Solution
Lung Cancer Screening Patient Management Software
Nodule Management Software
Data Collection and Reporting
Patient Coordination and Workflow
Statistical Audit Reporting
Practice Management
Audit Log Tracking
By Type
Computer-Assisted Screening
Traditional Screening
By Application
Non-Small Cell Lung Cancer (NSCLC)
Small Cell Lung Cancer (SCLC)
By Platform
Standalone
Integrated
Purchase Mode
Institutional
Individual
By End-User
Oncology Centers
Hospitals
Ambulatory Surgical Centers
Others
By Distribution Channel
Direct Tender
Third Party Distributors
4.3 Growth Prospects and Niche Opportunities, 2023- 2030
4.4 Regional comparison of Market Growth, CAGR, 2023-2030

5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Lung Cancer Screening Software Market, 2025
5.2 Asia Pacific Lung Cancer Screening Software Market Size Outlook by Type, 2021-

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info@marketpublishers.com

2030
5.3 Asia Pacific Lung Cancer Screening Software Market Size Outlook by Application, 2021- 2030
5.4 Key Findings for Europe Lung Cancer Screening Software Market, 2025
5.5 Europe Lung Cancer Screening Software Market Size Outlook by Type, 2021- 2030
5.6 Europe Lung Cancer Screening Software Market Size Outlook by Application, 2021- 2030
5.7 Key Findings for North America Lung Cancer Screening Software Market, 2025
5.8 North America Lung Cancer Screening Software Market Size Outlook by Type, 2021- 2030
5.9 North America Lung Cancer Screening Software Market Size Outlook by Application, 2021- 2030
5.10 Key Findings for South America Lung Cancer Screening Software Market, 2025
5.11 South America Pacific Lung Cancer Screening Software Market Size Outlook by Type, 2021- 2030
5.12 South America Lung Cancer Screening Software Market Size Outlook by Application, 2021- 2030
5.13 Key Findings for Middle East and Africa Lung Cancer Screening Software Market, 2025
5.14 Middle East Africa Lung Cancer Screening Software Market Size Outlook by Type, 2021- 2030
5.15 Middle East Africa Lung Cancer Screening Software Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Lung Cancer Screening Software Market Size Outlook and Revenue Growth Forecasts
6.2 US Lung Cancer Screening Software Industry Drivers and Opportunities
6.3 Canada Market Size Outlook and Revenue Growth Forecasts
6.4 Canada Lung Cancer Screening Software Industry Drivers and Opportunities
6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
6.6 Mexico Lung Cancer Screening Software Industry Drivers and Opportunities
6.7 Germany Market Size Outlook and Revenue Growth Forecasts
6.8 Germany Lung Cancer Screening Software Industry Drivers and Opportunities
6.9 France Market Size Outlook and Revenue Growth Forecasts
6.10 France Lung Cancer Screening Software Industry Drivers and Opportunities
6.11 UK Market Size Outlook and Revenue Growth Forecasts
6.12 UK Lung Cancer Screening Software Industry Drivers and Opportunities

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info@marketpublishers.com

6.13 Spain Market Size Outlook and Revenue Growth Forecasts
6.14 Spain Lung Cancer Screening Software Industry Drivers and Opportunities
6.16 Italy Market Size Outlook and Revenue Growth Forecasts
6.16 Italy Lung Cancer Screening Software Industry Drivers and Opportunities
6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
6.18 Rest of Europe Lung Cancer Screening Software Industry Drivers and Opportunities
6.19 China Market Size Outlook and Revenue Growth Forecasts
6.20 China Lung Cancer Screening Software Industry Drivers and Opportunities
6.21 India Market Size Outlook and Revenue Growth Forecasts
6.22 India Lung Cancer Screening Software Industry Drivers and Opportunities
6.23 Japan Market Size Outlook and Revenue Growth Forecasts
6.24 Japan Lung Cancer Screening Software Industry Drivers and Opportunities
6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
6.26 South Korea Lung Cancer Screening Software Industry Drivers and Opportunities
6.27 Australia Market Size Outlook and Revenue Growth Forecasts
6.28 Australia Lung Cancer Screening Software Industry Drivers and Opportunities
6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
6.30 South East Asia Lung Cancer Screening Software Industry Drivers and Opportunities
6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
6.32 Rest of Asia Pacific Lung Cancer Screening Software Industry Drivers and Opportunities
6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
6.34 Brazil Lung Cancer Screening Software Industry Drivers and Opportunities
6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
6.36 Argentina Lung Cancer Screening Software Industry Drivers and Opportunities
6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
6.38 Rest of South America Lung Cancer Screening Software Industry Drivers and Opportunities
6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
6.40 Middle East Lung Cancer Screening Software Industry Drivers and Opportunities
6.41 Africa Market Size Outlook and Revenue Growth Forecasts
6.42 Africa Lung Cancer Screening Software Industry Drivers and Opportunities

7. LUNG CANCER SCREENING SOFTWARE MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

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7.2 Reference Growth Case
7.3 High Growth Case

8. LUNG CANCER SCREENING SOFTWARE COMPANY PROFILES

8.1 Profiles of Leading Lung Cancer Screening Software Companies in the Market
8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
8.3 Financial Performance and Key Metrics
Aidence.com
AstraZeneca
Canon Medical Informatics Inc
Coreline Soft Co. Ltd
Epic Systems Corp
F. Hoffmann-La Roche Ltd
FUJIFILM Holdings Corp
General Electric Company
Genesystem
HealthMyne
Koninklijke Philips N.V
Lungview
MagView
Median Technologies
Medtronic
MeVis Medical Solutions AG
MyCareWare Inc
Nuance Communications Inc
Oncocyte Corp
Optellum Ltd
PenRad Technologies Inc
REVEALDX
Siemens Healthcare GmBH
Thynk Health
Volpara Health Ltd

9. APPENDIX

9.1 Scope of the Report
9.2 Research Methodology and Data Sources
9.3 Glossary of Terms

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9.4 Market Definitions
9.5 Contact Information

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