

Computer Aided Detection Market - Global Outlook and Forecast 2022-2028

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Abstracts

Computer Aided Detection (CAD) software is a set of algorithms that uses pattern recognition method predominantly to aid physicians for interpretation of medical images. Increasing number of patients opting for diagnostic imaging techniques is expected to propel the volume of image data to be analyzed. This factor increases the probability of risk for failure in detecting abnormalities. To rectify this situation, CAD as a diagnostic analysis technology was introduced to assist physicians in reducing detection errors. This is achieved by using the clinical images generated through various imaging modalities such as X-Ray imaging, MRI, and computed tomography and ultrasound imaging. In recent years, the global CAD market experienced strong growth owing to increasing awareness of cancer diagnosis in early stages. Incidences of various types of cancers such as lung, prostate, breast and colorectal cancer is gradually increasing. For instance, the American Cancer Society estimated that more than one Mn people in U.S. are diagnosed with cancer every year and in 2012, 14.1 Mn new cases of cancer were reported. It has also been reported that in the same year, 8.2 Mn people died of cancer, which accounted for 14% of the overall deaths in 2012. Cancers such as colorectal, lung, stomach, breast, prostate, cervical cancer and leukemia are the most common types of cancer. A publication in association with the World Health Organization (WHO) and the International Agency for Research on Cancer (IARC), stated that occurrence of cancer increased with the growing age of individuals.

This report contains market size and forecasts of Computer Aided Detection in Global, including the following market information:

Global Computer Aided Detection Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global Computer Aided Detection market was valued at 976 million in 2021 and is projected to reach US\$ 1336.6 million by 2028, at a CAGR of 4.6% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Mammography Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Computer Aided Detection include Hologic, ICAD, Agfa-Gevaert, EDDA Technology, Fujifilm Medical Systems, Invivo, GE Healthcare, Philips Healthcare and Hitachi Medical and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Computer Aided Detection companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Computer Aided Detection Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global Computer Aided Detection Market Segment Percentages, by Type, 2021 (%)

Mammography

Ultrasound Imaging

Magnetic Resonance Imaging

Tomosynthesis

Computed Tomography

Others

Global Computer Aided Detection Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global Computer Aided Detection Market Segment Percentages, by Application, 2021 (%)

Hospitals

Diagnostic Centers

Research Centers

Global Computer Aided Detection Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global Computer Aided Detection Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Computer Aided Detection revenues in global market, 2017-2022
(estimated), (\$ millions)

Key companies Computer Aided Detection revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Hologic

ICAD

Agfa-Gevaert

EDDA Technology

Fujifilm Medical Systems

Invivo

GE Healthcare

Philips Healthcare

Hitachi Medical

Siemens Healthineers

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