

# Automatic Identification and Data Capture Market Reach USD 121.07 Billion by 2030 Registering 12.5% CAGR Globally

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WILMINGTON, DE, UNITED STATES, September 10, 2025 /EINPresswire.com/ -- Allied Market Research published a new report, titled, "[Automatic Identification and Data Capture Market Reach USD 121.07 Billion by 2030 Registering 12.5% CAGR Globally](#)." The report offers an extensive analysis of key growth strategies, drivers, opportunities, key segments, Porter's Five Forces analysis, and competitive landscape. This study is a helpful source of information for market players, investors, VPs, stakeholders, and new entrants to gain a thorough understanding of the industry and determine steps to be taken to gain competitive advantage.

The global AIDC market size was valued at USD 37,189 million in 2020 and is projected to reach USD 121,072 million by 2030, registering a CAGR of 12.5% from 2021 to 2030.

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## Driving Factors

Rise in adoption of AIDC solutions drives the growth of the global automatic identification and data capture market. Initially, the COVID-19 pandemic gave way to several obstacles, including the availability of resources and skilled workforce, which affected the growth of the market. However, rise in demand for e-commerce paired with the surge in demand for digital infrastructure across the government and retail sector fueled the market growth.

## Market Segmentation

The automatic identification and data capture market is segmented into offering, product, technology, industry vertical, and region. By offering, the market is segregated into hardware, solutions, and services. Based on product, it is segmented into scanner & reader, biometric scanners, printer & recorder, and others. The scanner & reader segment is further segmented into barcode scanners, RFID scanner, smart card reader, magnetic stripe reader, and optical character recognition (OCR). Depending on technology, it is segmented into biometrics, radio frequency identification (RFID), smart cards, optical character recognition (OCR), and others. Based on industry vertical, the market is segmented into BFSI, manufacturing, retail, transportation & logistics, hospitality, healthcare, government, and others. Region wise, the

market is analysed across North America, Europe, Asia-Pacific, and LAMEA.

## Key Players

The report analyses top automatic identification and data capture companies operating in the market such as Cognex Corporation, Datalogic S.p.A., Honeywell, NXP Semiconductors N.V., Panasonic Corporation, SICK AG, Synaptics Incorporated, Thales, Toshiba, and Zebra Technologies. These players have adopted various strategies to increase their market penetration and strengthen their position in the automatic identification and data capture industry.

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Based on region, North America contributed to the highest share in terms of revenue in 2020, holding one-third of the global automatic identification and data capture market share, and is estimated to continue its dominant share by 2030. However, Asia-Pacific is projected to manifest the fastest CAGR of 14.10% during the forecast period.

Based on offering, the hardware segment held the highest market share in 2020, holding nearly three-fifths of the total market share, and is expected to continue its leadership status during the forecast period. However, the service segment is estimated to register the highest CAGR of 15.2% from 2021 to 2030.

Based on technology, the radio frequency identification segment held the largest market share in 2020, holding more than one-third of the total market share, and is expected to continue its leadership status during the forecast period. However, the smart cards segment is projected to register the highest CAGR of 16.2% from 2021 to 2030.

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## COVID-19 Scenario

□ The outbreak of the COVID-19 pandemic has had a mixed impact on the global automatic identification and data capture market.

□ Initially, the pandemic gave way to several obstacles, including the availability of resources and skilled workforce, which affected the growth of the market.

□ However, rise in demand for e-commerce paired with the surge in demand for digital infrastructure across the government and retail sector fueled the market growth.

Thanks for reading this article, you can also get an individual chapter-wise section or region-wise report versions like North America, Europe, or Asia.

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Lastly, this report provides market intelligence most comprehensively. The report structure has been kept such that it offers maximum business value. It provides critical insights into market dynamics and will enable strategic decision-making for existing market players as well as those willing to enter the market.

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Allied Market Research (AMR) is a market research and business-consulting firm of Allied Analytics LLP, based in Portland, Oregon. AMR offers market research reports, business solutions, consulting services, and insights on markets across 11 industry verticals. Adopting extensive research methodologies, AMR is instrumental in helping its clients to make strategic business decisions and achieve sustainable growth in their market domains. We are equipped with skilled analysts and experts and have a wide experience of working with many Fortune 500 companies and small & medium enterprises.

Pawan Kumar, the CEO of Allied Market Research, is leading the organization toward providing high-quality data and insights. We are in professional corporate relations with various companies. This helps us dig out market data that helps us generate accurate research data tables and confirm utmost accuracy in our market forecasting. Every data company in the domain is concerned. Our secondary data procurement methodology includes deep presented in the reports published by us is extracted through primary interviews with top officials from leading online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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