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Computer Vision Market is Expected to Grow High CAGR of 16.0% by 2030 | Top Impacting Factors

The global computer vision market share was dominated by industrial market segment and is expected to maintain its dominance in upcoming years.

PORTLAND , PORTLAND, OR, UNITED STATE, July 25, 2022 / EINPresswire.com/ -- Faster processing, better accuracy, and economic advantage of computer vision system drive the growth of the [global computer vision market](). However, requirement of highly skilled and experienced professionals and several data privacy & safety concerns impede the growth to some extent.

Computer Vision Market

On the other hand, growing applications of computer vision systems and advancements in the field of Computer vision and AI are expected to create lucrative opportunities in the industry.

According to the report, the global Computer Vision industry generated $9.45 billion in 2020, and is anticipated to generate $41.11 billion by 2030, witnessing a CAGR of 16.0% from 2021 to 2030.

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Covid-19 Scenario

• The global pandemic had a significant economic impact on many industries. These industries experienced and caused slowdowns in production and supply chain. And, the computer vision market is not an exception in this regard.

• However, growing applications of computer vision and artificial intelligence in non-industrial

applications such as healthcare, surveillance & monitoring, and transportation have created a huge profit margin for the market, thereby creating a mixed impact on the sector.

Based on component, the hardware segment held the highest market share in 2020, accounting for nearly three-fourths of the global computer vision market, and is estimated to maintain its leadership status throughout the forecast period. Growing industrial workloads and rising demands for industrial automation has been the major factor driving the growth of the segment.

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Moreover, the software segment is projected to manifest the highest CAGR of 18.1% from 2021 to 2030. The fact that software-based computer vision systems find a variety of applications in the retail, agriculture, public health, automotive, and agricultural sectors drives the segment growth.

Based on application, the quality assurance and inspection segment accounted for the largest share in 2020, contributing to nearly one-third of the global computer vision market, and is projected to maintain its lead position during the forecast period.

This is because the quality assurance and inspection process is a crucial part of the manufacturing life cycle. However, the identification segment is expected to portray the largest CAGR of 17.6% from 2021 to 2030. Identification.

Based on region, North America held the highest market share in terms of revenue 2020, accounting for nearly two-fifths of the global computer vision industry. This is owing to rising focus on adopting computer vision technology into the production lines to help boost efficiency and overall productivity.

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Moreover, the Asia-Pacific region is expected to witness the fastest CAGR of 17.5% during the forecast period. This attributed to high demand for modernization and technological up scaling trends in many industrial sectors within Asia-Pacific countries such as China, Japan, India, South Korea, Southeast Asia, Australia, and the Rest of Asia-Pacific.

Key Benefits For Stakeholders

• The study provides an in-depth analysis of the computer vision market growth along with the current trends and future estimations to elucidate imminent investment pockets.

• Information about key drivers, restraints, and opportunities and their impact analysis on the

market size is provided in the report.

• Porter's five forces analysis illustrates the potency of buyers and suppliers operating in the industry.

• The quantitative analysis of the computer vision market growth for the period 2020–2030 is provided to determine the market potential.

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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 the market dynamics and will enable strategic decision-making for the existing market players as well as those willing to enter the market.

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Contact:⬚
David Correa
5933 NE Win Sivers Drive
#205, Portland, OR 97220
United States
Toll-Free: 1-800-792-5285
UK: +44-845-528-1300
Hong Kong: +852-301-84916
India (Pune): +91-20-66346060
Fax: +1-855-550-5975
help@alliedmarketresearch.com
Web: https://www.alliedmarketresearch.com
Follow Us on: LinkedIn Twitter

David Correa
Allied Analytics LLP
800-792-5285
email us here
Visit us on social media:
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