Digital Pathology Market Study Explores Industry Growth Toward $3.29 Billion

The Business Research Company's Digital Pathology Market Report 2026 – Market Size, Trends, And Global Forecast 2026-2035

The Business Research Company

LONDON, GREATER LONDON, UNITED KINGDOM, August 4, 2026 /EINPresswire.com/ -- "The digital pathology sector has been experiencing swift growth, fueled by technological advancements and rising healthcare demands. As the medical field continues to embrace digital tools, the market is positioned for substantial expansion. Below, we explore the current market size, key factors driving growth, regional leadership, and notable trends shaping the digital pathology landscape.

Current Market Size and Growth Forecast for Digital Pathology
The digital pathology market has seen rapid development in recent years. It is projected to increase from $1.42 billion in 2025 to $1.68 billion in 2026, representing a compound annual growth rate (CAGR) of 18.5%. This historical surge can be linked to several factors, including the increasing digitization of pathology labs, the growing reach of cancer diagnostics, wider use of telepathology, heightened demand for standardized pathology workflows, and better availability of digital scanners.

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Looking ahead, the market is expected to grow even more aggressively, reaching $3.29 billion by 2030 with a CAGR of 18.3%. Key contributors to this anticipated rise include expanding investments in computational pathology, a growing need for precise diagnostics, broader application of digital pathology in drug discovery, the integration of AI for disease detection, and a stronger focus on interoperability and data-sharing capabilities. Emerging trends likely to influence market dynamics include the adoption of whole slide imaging systems, increasing use of AI-driven image analysis tools, growth in remote pathology services, cloud-based platform integration, and enhanced workflow automation.

Understanding Digital Pathology and Its Core Components

Digital pathology involves the use of digital imaging solutions to facilitate pathology procedures. This technology converts traditional glass slides into high-resolution digital images through specialized slide scanners, supported by software and related services. These digital images can then be accessed, managed, and analyzed on computers or mobile devices, allowing for greater flexibility and efficiency in pathology workflows.

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Primary Factors Propelling the Expansion of the Digital Pathology Market

One of the main drivers behind the digital pathology market growth is the rising incidence of cancer. As people live longer, the chance of developing cancer climbs due to cellular aging and prolonged exposure to harmful factors. Lifestyle choices such as smoking, unhealthy diets, sedentary habits, and excessive alcohol use further raise cancer risks. Digital pathology accelerates the diagnosis and treatment process for cancer patients, making it a crucial tool in modern healthcare. For example, data from January 2024 by the American Cancer Society shows a 2.19% increase in cancer cases in the United States, rising to 2,001,140 from 1,958,310 in 2023. This growing disease burden is expected to continue driving demand for digital pathology solutions.

Additional Elements Supporting Market Growth

Besides cancer prevalence, several other factors are boosting the market. These include advancements in telepathology that enable remote consultations, rising adoption of AI technologies for improved diagnostic accuracy, and greater emphasis on standardized workflows to enhance pathology operations. Furthermore, investments in research and development, particularly in computational pathology and drug discovery applications, are accelerating innovation and market expansion.

Regional Leaders in the Digital Pathology Market

In 2025, North America held the largest share of the digital pathology market, maintaining its position as the global leader. The Asia-Pacific region ranked second in market size and is expected to grow rapidly in the coming years. The digital pathology report covers multiple regions, including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market trends and opportunities.

Our 2026 market reports now feature expanded strategic intelligence through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based dashboards, market hotspots infographics, key technology and future trend analysis, along with updated graphics and tables.

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