

Vietnam Devops Market By Offering (Software, Services), By Deployment (Public Cloud, Private Cloud, and Hybrid Cloud), By Organization Size (Large Enterprises, Small and Medium Enterprises), By Industry (BFSI, Retail, Government, Manufacturing, IT & Telecommunication, Healthcare, and Others), By Region, Competition, Forecast and Opportunities, 2020-2030F

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Abstracts

Vietnam DevOps market was reached a valuation of USD 800.81 million in 2024 and is expected to reach USD 2,825.43 million by 2030 with a projected Compound Annual Growth Rate (CAGR) of 23.2% through 2030. The technology landscape in Vietnam is undergoing a significant transformation, and the DevOps market is emerging as a pivotal player. DevOps, a methodology that integrates software development and IT operations to enhance collaboration and automation, is gaining traction across various industries in Vietnam.

As of 2024, over 70% of Vietnamese enterprises have initiated digital transformation programs, according to Vietnam's Ministry of Information and Communications.

The government's "National Digital Transformation Program by 2025" targets that 100% of enterprises will use digital platforms in core business processes.

Vietnamese SMEs, which make up over 97% of all businesses, are rapidly adopting DevOps tools to stay competitive and agile.

50%+ of financial institutions in Vietnam have adopted cloud-native DevOps strategies to improve service delivery speed.

Public sector digital projects in healthcare, education, and smart cities are accelerating the demand for DevOps to support CI/CD pipelines.

Key Market Drivers

The increasing demand for Agile and Continuous Delivery practices is a significant driver behind the growth of the Vietnam DevOps market. DevOps, known for bridging the gap between development and operations teams, is gaining global popularity due to its ability to improve software development efficiency, reduce time-to-market, and enhance product quality. In Vietnam, with its growing IT industry and skilled workforce, DevOps is becoming a central player in this landscape. Agile methodologies, which prioritize iterative development, enable teams to deliver functional software in shorter cycles. Continuous Delivery complements Agile by automating the deployment pipeline, allowing quick and reliable release of code changes to production. These practices are crucial in the rapidly evolving digital landscape, where businesses need to swiftly adapt to changing market demands and customer preferences. Several factors are driving Vietnam's DevOps market, including:

Cost-effectiveness: Vietnam offers a competitive advantage in terms of cost compared to more established tech hubs, making it an attractive outsourcing destination for companies adopting DevOps practices while optimizing expenses.

Skilled Workforce: Vietnam has a growing pool of tech talent, including software developers, quality assurance engineers, and system administrators. This talent pool is vital in implementing and maintaining DevOps processes.

Global Competitiveness: As Vietnamese companies expand their market presence globally, efficient software development and delivery become essential. DevOps practices enable them to meet international standards and deliver products on par with those from more mature markets.

Start-up Culture: Vietnam's start-up ecosystem is flourishing, and these agile, innovative companies are quick to adopt DevOps practices. Their approach aligns well with the principles of Agile and Continuous Delivery.

Industry Recognition: As Vietnam's tech industry gains recognition for its capabilities, international companies seek partnerships with local firms. This collaboration often leads to the adoption of DevOps practices in the local market.

Globalization of Business: Companies worldwide rely increasingly on software solutions, driving the demand for faster and more efficient software development and deployment processes. DevOps enables Vietnamese companies to meet this demand effectively.

Key Market Challenges

Cultural Shift and Skill Gap:

Vietnam's rapidly evolving technology landscape positions it as an emerging hub for IT outsourcing and software development. However, this growth has led to a significant skill shortage and talent gap in the DevOps market within the country. DevOps, a collaborative approach between development and IT operations, has gained traction worldwide due to its ability to accelerate software delivery, enhance quality, and improve collaboration. In Vietnam, the demand for DevOps professionals has surged as businesses strive to streamline their software development and deployment processes.

The skill shortage in the Vietnam DevOps market can be attributed to several factors. Firstly, the rapid expansion of the IT industry has outpaced the development of educational programs and training resources focused on DevOps. While universities and technical schools offer computer science programs, these often lack specialized DevOps courses. As a result, there is a scarcity of fresh graduates with the required DevOps skills. Secondly, the fast-paced nature of technological advancements makes it challenging for professionals to keep up with the latest DevOps practices. Tools, methodologies, and best practices are continuously evolving, necessitating ongoing training and upskilling.

Many organizations struggle to find DevOps experts who are well-versed in cutting-edge technologies and techniques. Furthermore, there is intense competition for the limited pool of experienced DevOps practitioners. Both local and multinational companies operating in Vietnam are vying for the same talent, driving up the demand and compensation for skilled professionals. This competitive environment can be a barrier for smaller businesses with limited resources to attract and retain top-tier DevOps talent.

To bridge this skill gap, several strategies can be implemented. Firstly, educational institutions need to collaborate closely with the industry to develop relevant and up-to-date DevOps curricula. This will equip graduates with the necessary skills to seamlessly integrate into the workforce. Secondly, companies can invest in continuous learning and development programs for their existing employees. Providing opportunities for upskilling and certification in DevOps tools and practices can help address the shortage of experienced professionals. Moreover, businesses can consider outsourcing DevOps tasks to specialized service providers or remote teams. This approach enables companies to access a wider talent pool and tap into expertise from regions where the DevOps skill gap might not be as pronounced.

Collaboration between the government, academia, and industry is crucial to address the DevOps skill shortage comprehensively. The government can provide incentives to attract international DevOps experts to work in Vietnam, creating a knowledge-sharing ecosystem that benefits the local workforce.

Key Market Trends

Embracing Collaboration Drives DevOps Market in Vietnam:

The dynamic growth of the DevOps market in Vietnam can be attributed to the country's increasing emphasis on cultural shifts and collaboration within its burgeoning IT industry. DevOps, fundamentally rooted in fostering a culture of shared responsibility and seamless cooperation between development and operations teams, aligns well with the evolving mindset in Vietnam's tech landscape. As local companies recognize the significance of breaking down traditional silos and embracing cross-functional collaboration, DevOps practices naturally find fertile ground. This cultural shift is not only transforming the way software is developed, tested, and deployed but also revolutionizing the way teams communicate and innovate. By promoting transparency, open communication, and a unified goal of delivering quality software efficiently, DevOps resonates with the values of collaboration that Vietnam's businesses are increasingly embracing. This alignment between cultural shifts towards collaboration and the core principles of DevOps has positioned Vietnam's IT market as a thriving hub for agile, efficient, and customer-centric software development.

Key Market Players

IMT Solutions

Microsoft Vietnam Co., Ltd

HPT VIETNAM CORPORATION

IBM Vietnam Co., Ltd

Amazon Web Services Inc.

TMA Solutions

Cisco Vietnam Limited

Hewlett Packard Enterprise Company

Red Hat Inc.

Cigniti Technologies Limited.

Report Scope:

In this report, the Vietnam Devops Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Vietnam Devops Market, By Offering:

Software

Services

Vietnam Devops Market, By Deployment:

Public Cloud

Private Cloud

Hybrid Cloud

Vietnam Devops Market, By Organization Size:

Large Enterprises

Small and Medium Enterprises

Vietnam Devops Market, By Industry:

BFSI

Retail

Government

Manufacturing

IT & Telecommunication

Healthcare

Others

Vietnam Devops Market, By Region:

Northern Vietnam

Southern Vietnam

Central Vietnam

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Vietnam Devops Market.

Available Customizations:

Vietnam Devops market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization

Vietnam Devops Market By Offering (Software, Services), By Deployment (Public Cloud, Private Cloud, and Hybrid...

options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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