

South East Asia 5G Private Network Market Size is Projected to Reach \$ 1.93 Billion by 2030 | Growing at a CAGR of 41.9%

The rise in the need for high-speed internet with a shift toward digitization drives the growth of the South East Asia 5G private network market.

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/EINPresswire.com/ -- According to the report, the [South East Asia 5G private network market](#) generated \$59.31 million in 2020, and is expected to reach \$1.93 billion by 2030, witnessing a CAGR of 41.9% from 2021 to 2030.



5G private network market trends in Malaysia are expected to exhibit the highest growth during the forecast period. Owing to rapid technological advancements, digitization of economies, and government initiatives increased expendable income among the region's middle-income population are the key factor powering the overall economy's growth of Malaysia, which is propelling it from the developing to the developed phase.

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In addition, this country has a robust IT infrastructure and solid software and service offerings, as well as leadership positions in emerging fields including low latency networks, which would provide lucrative growth opportunities for the South East Asia 5G private network market. Furthermore, key players in Southeast Asia are focusing on enhancing their operations and increasing their overall efficiency to stay competitive in the market, which is expected to provide lucrative opportunities for the growth of the market during the forecast period.

Use of 5G private network in the market has increased in the last few years due to the adoption of new cutting-edge technologies in various organizations and rise in competition to create new milestones in the communication sector. In addition, the increase in demand for next-generation telecommunication network mmWave among enterprises fuels the growth of the market.

Furthermore, surge in need for interactive, efficient, and cost-effective communication and data mmWave along with emerging technologies such as the Internet of Things and artificial intelligence is expected to open new avenues for the expansion of the market during the forecast period.

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Depending on spectrum, the licensed segment dominated the South East Asia 5G private network market share in 2020, and is expected to continue this trend during the forecast period. The growth of the segment is attributed to numerous benefits provided by this spectrum type such as high quality of connectivity, which results in lower costs if there is addition of new resources and high security. However, the unlicensed/shared segment is expected to witness highest growth in the upcoming years. Furthermore, the adoption of unlicensed infrastructure for deployment is considerably increasing among end users due to its standalone and cost-effective operation, which notably contributes toward the growth of the market.

High penetration of 5G private network, increase in usage of artificial intelligence (AI) & other smart connected devices, and rise in need for high-speed internet with shift toward digitization drive the growth of the South East Asia 5G private network market. However, security concerns and high cost of implementation for 5G private network solutions restrain the market growth. On the other hand, rise in need for low latency connectivity in organizations, the emergence of cutting-edge technologies, and increase in investments for the implementation of 5G private network infrastructure create new opportunities in the coming years.

Based on frequency, the sub-6Ghz segment dominated the overall Southeast Asia 5G private network market in 2020, and is expected to continue this trend during the forecast period. This is attributed to increase in adoption of 5G private network solution among enterprises to gain strategic as well as competitive advantage over their competitors. In addition, it provides wide coverage area and allows full network inside the close places such as house and offices, which drives the growth of the South East Asia 5G private network market. However, the mmWave frequency segment is expected to witness the highest growth, as the mmWave 5G private network technology allows large number of users to connect one access point, which is useful in densely populated areas in metropolitan cities. The adoption of this technology speeds up new business implementation, maximizes the value of existing mobile and wearable resources by optimizing it, and minimizes the data cost, which further fuel the growth of the South East Asia 5G private network market market.

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The 5G private network market in Southeast Asia is experiencing supply shortages or halted shipments of these frequency equipment across the region, as workforce is reduced and

nonessential businesses have stopped their operations. The impact is majorly witnessed in Singapore, Thailand, and Malaysia where majority of the hardware frequencies are produced. The current COVID-19 pandemic has highlighted the importance of digitalization for businesses in the region. Connectivity has enabled companies to continue engaging with customers as well as conduct business transactions online. In addition, the combination of 5G private network and digitalization creates new opportunities for service providers to extend their businesses beyond connectivity into a variety of sectors ranging from healthcare, automotive, to manufacturing.

Covid-19 Scenario:

- Nearly 90% of organizations in the region adopted "work from home" policy, which, in turn, resulted in the increased usage of cloud infrastructure and rise in internet traffic. So, the COVID-19 pandemic impacted the South East Asia 5G private network market positively as the adoption of 5G private network increased considerably.
- In the era of post-pandemic, companies focused on the adoption of advanced technologies such as augmented reality, virtual reality, and the Internet of things to carry out contactless operations in several industry verticals such as manufacturing, energy and utility. This led to the implementation of 5G private network.

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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 Wi

Toll-Free: 1-800-792-5285

UK: +44-845-528-1300n Sivers Drive

#205, Portland, OR 97220

United States

Hong Kong: +852-301-84916

India (Pune): +91-20-66346060

Fax: +1-855-550-5975

help@alliedmarketresearch.com

Web: <https://www.alliedmarketresearch.com>

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Allied Market Research

Allied Market Research

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