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**SOUTHEAST ASIA &
INDIA**

5G DEVELOPMENTS IN SOUTHEAST ASIA & INDIA

In our February newsletter, we discuss the current debate whether Malaysia should adopt a Single Wholesale Network (SWN) or Dual Wholesale Network (DWN) model.

In addition, we prepared an update on the upcoming auction in India and the status of 5G in Southeast Asia.

Single Wholesale Network (SWN) model in Malaysia

Malaysia is in the midst of their 5G rollout, which they have been planning since 2018. Their 5G rollout model introduces a novel approach, which offers 5G as a Single Wholesale Network (SWN) service to various local Communication Service Providers (CSPs). Instead of auctioning 5G spectrum to private companies, Malaysia established the Digital Nasional Berhad (DNB) in March 2021.

On February 18, the rest of the CSPs Celcom Axiata, Digi Telecommunications, Maxis and U Mobile disclosed in a statement that they have recommended a Dual Wholesale Network (**DWN**) model to the Malaysian government.



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5G UPDATE STATUS IN SOUTHEAST ASIA

For telecom companies, Southeast Asia is one of the fastest growing markets with a population of 583M only across Vietnam, Thailand, Philippines, Malaysia, Singapore, and Indonesia.

In 2021, the bloc had 40M new internet users, bringing the internet penetration in the region to 75% with a total of 440 internet users.

5G updates:

- Singapore launched two 5G Standalone Networks (SA) in 2021 and operators are expected to allocate this year the extra 2.1 Ghz spectrum auctioned last November.



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