FROST & SULLIVAN



Analysis of Southeast Asian eCommerce Market A \$25-billion Market Opportunity in 2020

Drivers for eCommerce

eCommerce Market: Key Market Drivers, Southeast Asia, 2016–2020

Drivers	1-2 Years	3-4 Years	5th Year
Growing middle class population across Southeast Asia	н	Н	M
Internet population is growing rapidly	Н	Н	М
Adoption of smartphones is increasing in Southeast Asia	н	Н	M
Mobile penetration is increasing and remains high across the region	н	M	L
Activation of the Trans Pacific Partnership Agreement (TPPA)	М	Н	н

Impact Ratings: H = High, M = Medium, L = Low

Source: Frost & Sullivan

eCommerce Restraints

eCommerce Market: Key Market Restraints, Southeast Asia, 2016–2020

Restraints	1-2 Years	3-4 Years	5th Year
Poor logistics is common across Southeast Asia	Н	н	M
Cash transactions are still dominant, as online payment methods are yet to become popular	Н	M	M

Impact Ratings: H = High, M = Medium, L = Low

Source: Frost & Sullivan

ASEAN-6—Recent Investments and M&A Deals*

Alibaba

\$1 B

Lazada

The Chinese eCommerce giant Alibaba acquired controlling stake in Lazada, the leading B2C marketplace platform in Southeast Asia, for \$1 billion in April 2016

Ardent Capital NTT Docomo SMVD CyberAgent Inspire Ventures

\$10.7 M aCommerce

aCommerce, a Thailand-based platform builder for eCommerce, closed a series A funding round of \$10.7 million from Ardent Capital (TH) and NTT Docomo (JP) in June 2014 Lippo Group Matahari
Mall

Indonesia's Lippo Group founded and invested in an eCommerce venture Matahari Mall (an eCommerce marketplace) with more than \$200 million in February 2015

Alibaba

\$138 M SingPost

Alibaba, the Chinese eCommerce player, invested an additional S\$187.1 million (\$138 million) in SingPost, an eCommerce logistics company (Singapore), to increase its stake to 14.51% in July 2015

Vingroup

\$50 M Adayroi

Adayroi, the newest eMarketplace platform in Vietnam, received the biggest local funding from one of the leading business groups in Vietnam, Vingroup, in September 2015 Ascend \$145 M iTrueMart
Group Weloveshopping

In November 2015, Ascend Group (a spin-off subsidiary of C.P. Group and True Corporation in Thailand) invested \$145 million to expand its eCommerce business under iTrueMart and Weloveshopping (both are eMarketplaces)

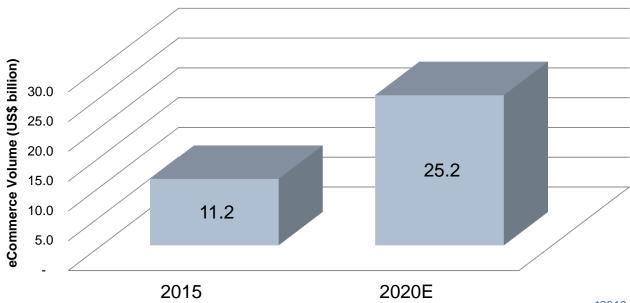
*These are not the only eCommerce M&A deals that took place in the last two years. These deals are presented only to show the flavor and scale of what is happening in Southeast Asia.

Source: Frost & Sullivan

ASEAN-6* eCommerce Market Forecast

- The Southeast Asian region has a huge upside potential for eCommerce activities.
- The region's eCommerce volume is expected to grow at 17.7% CAGR and exceed \$25 billion in 2020.

eCommerce Market: Revenue Forecast, ASEAN-6, 2015–2020



*ASEAN 6 includes Indonesia, Malaysia, Vietnam, Singapore, Thailand, the Philippines

*2016 to 2020's value are estimated Source: Frost & Sullivan