

MM2 Asia

SEA-based content producer & distributor expanding footprint in North Asia - Company Visit Note

We met with Mr. William Lau, Executive Advisor to the Chairman, Mr. Seng, CEO of Cathay, and Mr. LC Lim, Manager, at MM2, to discuss the future plans of the movie production, screening and event management firm. MM2's core movie/content production business (70% of profits) works on a contractual basis with stakeholders to produce movies. The company also manages and produces events (through 39%-owned subsidiary Unusual) and operates cinemas in Singapore (Cathay) and Malaysia. Management pointed to growth opportunities in: (1) North Asia (36% of revenues) being 5x the size of its traditional Singapore/Malaysia markets; (2) upside from event management subsidiary Unusual's increasing contributions over the next two years; and (3) synergies from cinema operations and upside from efficiency gains. Further, management expects the listings/stake sales of subsidiaries to help monetize value for MM2.

- **De-risked nature of core production business and healthy pipeline in new geographies:** MM2's film/content business (49% of revenues) derives its core content revenues through the contractual production of films/content, protecting it from poor box office performance while ensuring good returns (30-55% gross margins across geographies). Management sees a healthy pipeline of movies (minimum 30-35 films over 18 months). Steady expansion into North Asia markets is expected to drive revenues (7x over the last two years) as markets like China boast 5x the budgets of SEA films.
- **Event subsidiary Unusual's expansion in China and expectations of efficiency gains from cinema:** Management expects Unusual (24% of revenues) to expand 2x over the next two to three years, led by China. Management also expects to drive higher asset turnover in its cinemas business (23% of revenues) by maximizing ancillary revenue streams.
- **Consensus valuation and earnings profile:** MM2 stock has underperformed the index by 22% over the last year. The stock currently trades at a 14.4x 12M fwd P/E multiple on consensus valuations. The Street expects c22% earnings growth over the next two years. FY18 earnings grew 65% y/y.

NOTE: THIS DOCUMENT IS INTENDED AS INFORMATION ONLY AND NOT AS A RECOMMENDATION FOR ANY STOCK. IT CONTAINS FACTUAL INFORMATION, OBTAINED BY THE ANALYST DURING MEETINGS WITH MANAGEMENT. J.P. MORGAN DOES NOT COVER THIS COMPANY AND HAS NO RATING ON THE STOCK.

Table 3: MM2 Asia Ltd (Reuters: MM2A.SI, Bloomberg: MM2 SP), Historical financial data

\$S in millions, year-end 31 March	2016	2017	2018
Sales	38.3	95.7	192.0
Gross profit	18.4	45.3	88.3
EBITDA	19.3	41.8	63.2
PATMI	8.2	17.5	26.5
EPS (in cents)	0.9	1.7	2.3
Shareholders' equity	36.2	85.2	182.7
Net debt/equity %	-4.6%	-14.6%	-9.6%
Net working capital/sales %	27.9%	18.0%	-28.2%
Return on invested capital %	31.1%	29.3%	17.6%
Return on equity %	29.5%	28.9%	19.8%
P/E ratio (YE)	28.9	27.6	22.4
P/B ratio (YE)	6.5	5.7	3.2
Dividend yield %	0.0%	0.0%	0.0%
EV to EBITDA (YE EV)	12.19	11.51	9.54

Source: Company data. Year-end share prices used: FY16: 0.27, FY17:0.47, FY18: 0.51.

Conglomerates & Multi-industry

Ajay Mirchandani ^{AC}

(65) 6882-2419

ajay.mirchandani@jpmorgan.com

Bloomberg JPMA MIRCHANDANI <GO>

Utkarsh Mehrotra ^{AC}

(65) 6882-1625

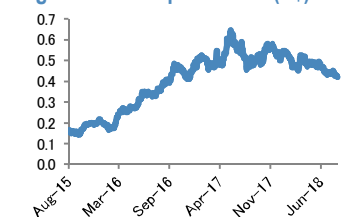
utkarsh.mehrotra@jpmorgan.com

J.P. Morgan Securities Singapore Private Limited

MM2 SP Equity, Not Covered

\$S0.42, August 14, 2018

Figure 1: Share price chart (\$S)



Source: Bloomberg. Past results are not an indicator of future performance.

Table 1: One-year price performance

	1M	3M	12M
Absolute (%)	-3.4%	-12.5%	-11.6%
Relative (%)	-2.9%	-4.1%	-10.0%

Source: Bloomberg. Past results are not an indicator of future performance.

Table 2: Company data

52-wk range (\$S)	0.415-0.585
Mkt cap. (\$S mn)	488
Mkt cap. (US\$ mn)	354
Shares O/S (mn)	1163
Free float (%)	44%
3M avg. daily volume	0.9
3M avg. daily value (\$S mn)	0.4
Exchange rate	1.4
STI Index	3234
Year-end	Mar

Source: Bloomberg.

See page 29 for analyst certification and important disclosures, including non-US analyst disclosures.

J.P. Morgan does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Table of contents

Business snapshot.....	3
Takeaways from our meeting	3
SWOT	4
Market cap trends excl. attributable market cap of Unusual	5
Meeting notes on core content business	6
Meeting notes on events and cinema businesses – Cathay and Unusual	7
Company background.....	9
Content production, distribution and sponsorship	11
Post-production	13
Cinema operations.....	14
Event production and concert promotion.....	16
Regional presence	17
Financial summary	19
Income statement	19
Segment information	20
Balance sheet	21
Cash flow statement	22
Ratios	23
Management and shareholding structure	24
Share price	25
Key events	26
Corporate structure	27
Consensus, estimates and valuations.....	28

Business snapshot

MM2 Asia Limited is a media and entertainment company based out of Singapore. The company's core business is content production and distribution services (49% of revenues). It also provides post-production services (3% of revenues) through its subsidiary Vividthree. It operates cinema houses (23% of revenues) in Singapore (Cathay) and Malaysia and manages event and concert production and promotion (24% of revenues) through its listed subsidiary Unusual Ltd. The group derived 47% of its revenue from Singapore in FY18, 17.4% from Malaysia, 21.4% from China and 7.5% from Taiwan. Some of the group's works include Singapore local hits like "Ah Boys to Men," which broke local box office records, and "Vampire Cleanup Department," which was one of Hong Kong's top 10 films in 2017.

In the past three years, revenues have grown by a CAGR of 124%, gross profits have grown by 121.8%, and net profits have grown by 103.6%. Group revenue has increased substantially across all geographies, with most growth in North Asian cities: Taiwan (3Y CAGR 193%), China (3Y CAGR 169%) and Hong Kong (3Y CAGR 188%).

Takeaways from our meeting

- **Differentiated and de-risked content/movie production model:** Management highlighted the key difference in MM2's content production model that de-risks it from actual movie performance/viewership results. Unlike other studios or production houses, MM2 offers its services as a professional producer, rather than taking up equity ownership in the production of content. MM2 rarely takes up more than 10% equity in a project and pitches in only to bridge a funding gap. At the same time, MM2 takes up 50-100% of the intellectual property rights to a movie to exploit over other platforms and is entitled to the producer's bonus (8% of every dollar earned from box office sales above investment). Thus, it benefits from a movie's/production's success. Production cost is managed to be around 45-55% of the producer's fee charged, giving MM2 stable and significant profit margins. MM2's production pipeline has expanded from 6 in FY14 to 18 in FY17 and is projected to be 42 in the 18 months ending September 2018. Management believes it can conservatively achieve 25 production titles every year. This could translate into a 25-30% run rate for earnings improvement for the core content business, per management. Exposure to more TV series with higher budgets could be an added catalyst, per management.
- **North Asia opportunity 5x Singapore:** MM2 has started to make headway into China, which currently contributes around 21% to revenues. Malaysian film budgets are typically S\$300k-1mn, Singapore film budgets S\$1-2mn and Taiwan/HK around S\$5mn, while films in China are made on budgets of S\$10mn on average. Producers' fees are proportional to film budgets, so management sees a much larger opportunity in China. Margins are smaller in China, at 30-40%, but given the size of the films, MM2 earns substantially more on an absolute basis, per management. MM2 is entering into the production of TV series, as well, in Taiwan and China. Given higher budgets, management believes this should be accretive, as well.

- **Event and cinema businesses provide additional upside, per management:** Management sees the events business under Unusual doing very well, and sees synergies and cross-selling potential between MM2 and Unusual's businesses. Unusual's entry into Mainland China is also expected to propel revenues and earnings, especially after Unusual's acquisition of Beijing Wish. Management believes Unusual can move from 60 shows per year to 1,000 in the long term. On the cinema business, MM2 believes it complements the core production business well, increasing its negotiation power with stakeholders. Both the Malaysian and Singapore cinema businesses are profitable. Management sees substantial potential to drive current utilization levels higher (from 30%), along with advertising revenues (from 3% now to 10%) and looks to sweat the assets better.

SWOT



Source: J.P. Morgan, Company data.

Market cap trends excl. attributable market cap of Unusual

MM2 announced its acquisition of Unusual in August 2016. Since Unusual's listing, its market cap has grown, while MM2's stock has relatively underperformed. We show below the progression of the equity value of the MM2 business excluding the share attributable to Unusual. In terms of trailing P/E, the valuation multiple has come down since prior to the acquisition. Earnings for MM2's traditional business have grown over the same period.

Out of MM2's S\$488mn market cap, around S\$177mn is attributable to its stake in Unusual (at market value). MM2 acquired the Cathay asset for S\$230mn in 2H17.

Figure 2: Trend of equity value attributable to MM2's businesses excl. Unusual stake



Source: Bloomberg, J.P. Morgan. Past results are not an indicator of future performance.

The recent sale of Unusual shares (5.4% in Apr-18) to Prince Qawi of Brunei and Mr. Ron Sim (Osim) was made at the market price (1% discount). This slightly diluted MM2's shareholding from 42% to 39%. Vividthree's proposed IPO could add to the monetization of stakes in subsidiaries.

Table 4: Peer valuations

Company	Ticker	Price (LC)	ADV 3M	Market cap (US\$ M)	EBIT margin (%) LFY	P/E (x)		EV/EBIT (x)		ROE (%) 1FY	ROCE (%) LFY	Net debt/ EBITDA (x) LFY
						1FY	2FY	1FY	2FY			
MM2 ASIA LTD	MM2 SP	0.42	368	355	22	14.5	12.4	9.1	7.7	18.2	18.0	0.6
Peers engaged in content production and distribution												
TOHO CO LTD	9602 JP	3,400	1,347,725	5,742	18	20.0	17.4	NA	NA	8.6	9.0	(1.7)
TOEI CO LTD	9605 JT	12,550	227,744	1,654	14	15.8	15.3	NA	NA	6.2	7.4	(1.6)
VILLAGE ROADSHOW	VRL AU	2	961	289	9	NA	21.7	35.6	14.6	(1.3)	12.7	NA
IHQ INC	003560 KS	1,940	3,464,934	250	11	22.6	14.6	NA	NA	5.4	1.1	(1.0)
VHQ MEDIA	4803 TT	156	147,094	190	36	NA	NA	NA	NA	NA	16.5	1.8
WALT DISNEY CO	DIS US	113	894,370	166,750	25	15.9	15.0	12.7	12.4	25.3	18.3	1.1
LIONS GATE-A	LGF/A US	25	16,725	4,911	5	23.7	16.4	20.7	20.5	5.9	6.5	7.1

Source: Bloomberg.

Management believes the integration of businesses from ideation, production, film distribution and screening gives it differentiated advantages. The ability to use this expertise across related businesses like events (Unusual) and animation/VFX (Vividthree) are plusses, per management. Management sees considerable overlap and synergies from operating businesses across the spectrum of the value chain. It believes this is a differentiator for MM2 vs. other content-led companies.

Management also sees MM2 as a key play on the growing spend on entertainment and content across growing economies. Given Asia's relatively muted expenditures on entertainment in comparison to more developed nations like the United States, the potential for growth is large, per management. The increasing scale and popularity of Asian music artists adds to this upside, in management's view.

Meeting notes on core content business

Management highlighted differing business structures across markets. Movie budgets vary across regions, with Singapore/Malaysia-based movies typically commanding S\$1-2mn budgets, while HK/Taiwan-based movies are made for closer to S\$3mn. Movies in China command higher budgets of S\$10mn, while TV shows can go as high as S\$15mn. Since a very large part of MM2's production revenues is based on producers' fee linked to a movie's budget, MM2 stands to gain from entering larger markets, per management.

MM2 typically gets a majority of its income as a producer's fee for commercializing a project. GP margins are typically 45-55%. The company generally acquires the intellectual property rights of a project (ranging from 50% rights to full rights). Sponsorship income (15% attributed to producers and the rest to the project) is an additional source of revenue, along with government grants. Government grants can fund as much as 50% of a project and are more common in Singapore, Malaysia and Taiwan, per management. MM2 also has exposure to upside from the box office performance of blockbusters. It gets a producer's bonus that is 8% of the dollars earned above budgeted investment. The typical ROI for projects is 20-30%. Future plans include the monetization of its existing library as the production pipeline grows.

A typical project is given the green light if 30-50% of the stated budget has been raised from stakeholders/sponsors. MM2's key expertise lies in managing and acquiring talent for movies, and in managing budgets while maintaining quality and time-bound delivery. MM2 expects better funding of its ventures going forward through the utilization of non-traditional sources and the negotiation of better terms with respect to government grants. Management believes this should maintain adequate cash flow to fund expansion.

Management believes that, outside of its traditional markets of Singapore and Malaysia, where it dominates, it is relatively well known in Taiwan and Hong Kong. It is a very small player in Mainland China and is looking to expand in this geography. The company currently has five studios – one each in Malaysia, Singapore, Taiwan, HK and Beijing. An additional office in Shanghai is geared primarily toward marketing and sales functions.

Meeting notes on events and cinema businesses – Cathay and Unusual

Cathay

On 13 June 2017, the group entered into a sales and purchase agreement to purchase Village Cinema's (a wholly owned unit of Village Roadshow) 50% stake in Dartina Development Limited, the holding company of Golden Village Cinemas, the largest operator of cinemas in Singapore. The purchase consideration was S\$182mn, valued at 10.5x FY16 EBITDA. The proposed effect of the purchase was estimated to increase NTA per share from 4.65 cents to 22.22 cents and EPS from 1.79 cents to 2.80 cents.

The company placed 87,748,000 new ordinary shares in its capital at a price of S\$0.57 per share to finance the acquisition. It also entered into subscription agreements for the issuance of an aggregate of S\$93mn of convertible bonds and convertible notes. On 21 July 2017, the company announced that Village Cinema did not receive the necessary approvals from Golden Screen Limited, the remaining 50% holders of Dartina, and hence the acquisition did not go through. On 2 October 2017, the holding company of Golden Screens Limited announced an agreement to buy the remaining 50% stake in Dartina from Village Roadshow for S\$175.8mn. MM2 called for an early redemption of the bonds and notes worth S\$93mn in October 2017.

Management thinks the failure of the Golden Village deal to go through could have had some adverse effect on its stock performance. MM2 had announced in July 2017 the failure of its offer to acquire a 50% stake in the Golden Village cinema chain in Singapore for S\$184mn. The seller, Village Cinemas Australia, could not obtain approval for the sale from its partner (and 50% owner) Golden Screen.

Golden Village is the largest cinema chain in Singapore, commanding a 40% market share (per news [reports](#)), with almost 100 screens across 12 cineplexes. MM2 instead acquired Cathay Cineplexes, the #2 player, for a total consideration of S\$230mn. At the time of the buyout in November of last year, Cathay had a total of 64 screens across eight locations in Singapore with a seating capacity of 11,569. The business generated EBITDA of S\$16.66mn for 2016. After the acquisition, MM2's cinema operations spanned 27 locations with 206 total screens. It is the fourth-biggest operator in Malaysia for cinemas, with 18 cineplexes.

Table 5: Assets and liabilities acquired from Cathay

S\$ in millions	
Cash and cash equivalents	9.2
Trade and other receivables	2.7
Inventories	0.1
Intangible assets	0.0
Property, plant and equipment	11.2
Brand	17.1
Total assets	40.3
Trade and other payables	(7.3)
Provisions	(3.7)
Current income tax liabilities	(1.1)
Deferred income tax liabilities	(3.9)
Total liabilities	(16.0)
Total identifiable net assets	24.3
Add: Goodwill	205.7
Total purchase consideration for the acquisition	230.0

Source: Company data.

Goodwill from the acquisition of Cathay cinemas amounted to S\$205.7mn. Goodwill is impaired on an annual basis, if required. The impairment amount is determined by management through the value-in-use method.

Unusual

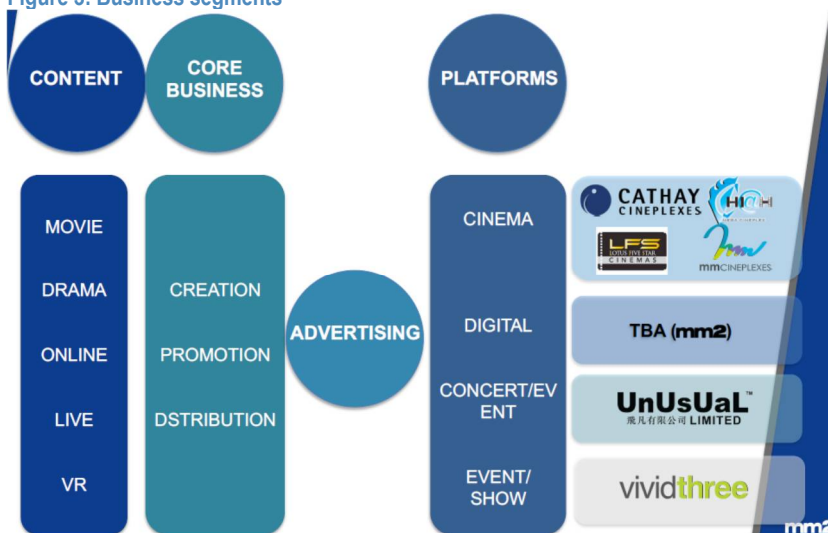
MM2 management sees large growth potential from Unusual's operations. Unusual is an event management company with exposure across the value chain in terms of the production and marketing/distribution of events like concerts, shows, etc. Management believes the model is highly scalable and well placed to leverage MM2's presence in the North Asia market. Revenues are generated from ticket sales, while the majority of costs are performers' fees, operational and manpower costs and event management expenses. Given that Unusual manages production aspects, as well, popular events can easily be scaled, adding flexibility and reducing costs, per management.

Company background

MM2 Asia Limited is a media content provider in Asia. The company’s core business provides content production and distribution services. It also provides post-production services, operates cinema houses and manages event and concert production and promotion.

The company’s core business is content production, distribution and sponsorship. It provides services across the production and distribution process, including the conceptualization of an idea, script writing, securing of finances, assembly of a team of writers, directors etc., production management and content distribution through various channels.

Figure 3: Business segments



Source: Company data.

Vividthree Productions Pte. Ltd. provides post-production services for the group, including 3D stereoscopic animation, 3D animation and visual effects for films and commercials. MM2 Asia also operates 197 cinemas in Malaysia and Singapore.

The event and concert production and promotion segment operates under Unusual Ltd. Unusual is listed on the Catalist board of the SGX. Unusual produces and promotes large-scale events and concerts. It specializes in providing technical and creative solutions for these events in Singapore and the region.

Table 6: MM2 Asia's stake in its business segments

Content production & distribution	100%
Cinema operations	100%
Post-production services	51%
Concerts/events	51%
Dick Lee Asia Pte. Ltd.	51%
RINGS.TV	51%

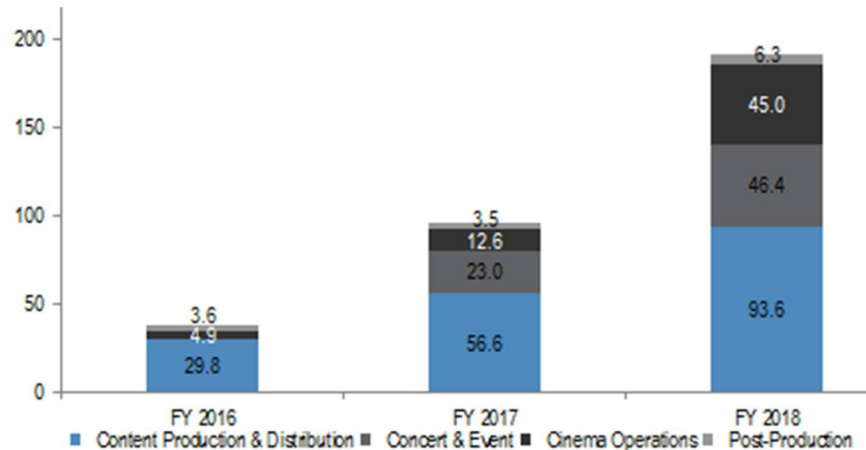
Source: Company data.

Apart from the four business segments, the company also gets revenue from café operations, software development and social media advertising activities. MM2 Asia has a 51% stake in Dick Lee Asia Pte. Ltd., which is involved in dramatic arts, music and other arts production-related activities. The group uses the platform for content production beyond movies. MM2 Asia also has a 51% stake in RINGS.TV, an interactive digital media platform.

The company is headquartered in Singapore with subsidiaries and representative offices in Malaysia, Hong Kong, Taipei, Shanghai, Beijing and the U.S. It listed on the Catalist board of the Singapore Stock Exchange on 9 December 2014 and was shifted to the Main board on 7 August 2017.

Figure 4: Revenue breakdown and evolution

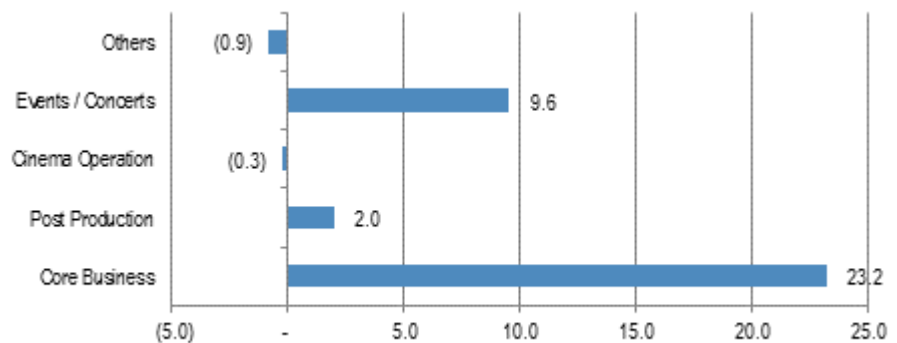
S\$ in millions



Source: Company data.

Figure 5: Net profit breakdown by segment, FY18

S\$ in millions



Source: Company data. Core business is content production and distribution.

Content production, distribution and sponsorship

The core business’s contribution to total revenue was 49% in FY18. It has a gross profit margin of about 45-55% in Singapore and Malaysia and about 30% in China, per management.

The company is Singapore’s leading movie producer. It has produced local hits like “Ah Boys to Men,” which broke local box office records. It also produces content for the region. Production “Vampire Cleanup Department” was one of Hong Kong’s top 10 films in 2017.

Figure 6: Core business and fee model for films

Process	Income	Description
Idea conceptualization		Receives ideas from clients and generates ideas in-house
Script writing	Script development fee	Helps clients develop scripts for ideas with its in-house team or outsources to an outside scriptwriter
Budget		Creates a budget that includes all costs that will be incurred during the production process, including its own fees; the entire budget is booked as revenue
Securing sponsorship & finance		A project usually moves ahead if it is able to secure 30-50% of the budget from stakeholders and sponsors; takes an equity stake only to bridge a funding gap up to 10%
	Government subsidies	Receives government grants from Malaysia, Singapore and Taiwan – a grant can be up to 50% of a project’s budget and is usually received after a project is completed
Production	Producer & consultancy fee	Manages the entire production process and earns most of its income as producer fee income; low operational risk, as income is not tied to a film’s performance
	Related services fee	Provides pre-production, principal photography and other related services
Distribution	Distribution income	Income received for providing distribution services for own and third-party content, script licensing, adaptation and sequel rights
	Exploitation of copyrights	Tries to obtain ownership/IP stake of 50-100% in content produced
	Producer bonuses	For films it has a stake in, receives 7-8% producer bonus for every dollar made above stakeholders’ investment

Source: Company data.

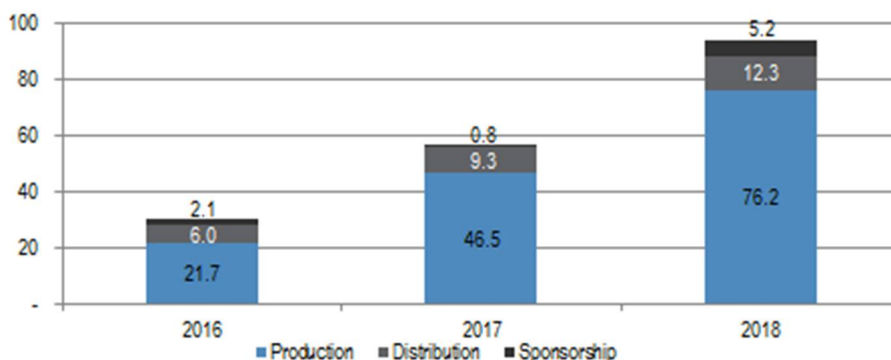
The company has five studios, in Singapore, Taiwan, Hong Kong, Malaysia and Beijing. Production budgets are biggest in China, at around S\$10mn. Taiwan and Hong Kong typically have budgets of S\$3-5mn and Singapore around S\$1-2mn, while Malaysia budgets can be as low as S\$300K, with a high-budget movie costing S\$1mn, per management. The effort and time to produce content and the margins across the five production houses are similar, per management. The revenue generated per product is smaller in Singapore and Malaysia than in North Asia due to the size of the market – as producers’ fees are proportional to film budgets.

The company provides marketing and distribution services for its own and third-party content through various platforms, like cinemas, Pay TV, Free TV, online, DVD, airlines and others. It has a partnership with Fox to distribute content online and usually partners with regional market players for distribution in regional markets. The distribution of “The Journey” in Malaysia earned M\$17.2mn. It is the highest-grossing local Chinese film. The distribution of the first four installments of “Ah Boys to Men” became Singapore’s top 4 highest-grossing films of all time.

The group also receives revenue for producing advertising content for clients and ad agencies. The content includes commercials, branding videos, social media videos and short films. MM2 provides services from conceptualization to post-production.

Figure 7: Revenue breakdown trend for core content production business

S\$ in millions



Source: Company data.

MM2 is focused on creating high-quality content for its library. It estimates 15-20 new additions to its library every year. The company has 42 films in the pipeline from March 2017 to September 2018. Per management, the focus in content production is shifting toward TV series, where margins are higher.

Figure 8: Projects in FY18/FY19

A GLIMPSE INTO SOME PROJECTS IN PROGRESS (for release in FY2018/FY2019)



Source: Company data.

Table 7: List of Singapore movies and their box office – with MM2's productions highlighted

Title	Release date	Produced by	Singapore gross box office (S\$)
2017			
The Fortune Handbook	21-Jan-17	mm2 Entertainment	1,086,156
Take 2	26-Jan-17	mm2 Entertainment	1,411,588
Siew Lup	23-Feb-17	mm2 Entertainment	88,884
Pop Aye	13-Apr-17	Giraffe Pictures, E&W Films	96,348
Lucky Boy	18-May-17	Clover Films, mm2 Entertainment, FOX International Channels, J Team Productions	451,868
Wonder Boy	3-Aug-17	mm2 Entertainment	76,611
In Time To Come	1-Oct-17	BFG Media	14,500
Ah Boys to Men 4	9-Nov-17	J Team Productions, mm2 Entertainment	5,049,802
Chennai2Singapore	7-Dec-17	Comicbook	9,000
2016			
Long Long Time Ago Part 1	4-Feb-16	J Team Productions	4,136,087
Let's Eat	5-Feb-16	Clover Films	45,000
In the Room	25-Feb-16	Zhao Wei Films	52,423
The Songs We Sang	24-Mar-16	The Songs We Sang Pte. Ltd	133,879
Long Long Time Ago Part 2	31-Mar-16	J Team	3,026,869
The Faith of Anna Waters	12-May-16	Boku Films	261,895
Young & Fabulous	26-May-16	Encore Films	1,316,206
Distance	2-Jun-16	Giraffe Pictures	57,215
Apprentice	30-Jun-16	Peanut Pictures, Akanga Film Asia, Zhaowei Films	270,306
My Love Sinema	8-Sep-16	Fly Entertainment	109,363
Lulu the Movie	24-Nov-16	Huat Films	2,008,758
4 Love	1-Dec-16	mm2 Entertainment	25,778
A Yellow Bird	8-Dec-16	Akanga Film Asia	21,961
2015			
Bring Back the Dead	8-Jan-15	Weiyu Films, mm2 Entertainment	376,973
Ah Boys to Men 3: Frogmen	19-Feb-15	J Team Productions, mm2 Entertainment	7,622,953
King of Mahjong	19-Feb-15	Zingshot Productions, Rex Film Productions, Clover Films, Asia Tropical Films	820,000.00
Unlucky Plaza	16-Apr-15	Kaya Toast Productions	64,580
Rubbers	30-Apr-15	18g Pictures	110,000
Ms. J Contemplates Her Choice	2-Jul-15	Oak 3 Films	5,533
1965	30-Jul-15	Blue 3 Pictures, mm2 Entertainment	613,841
7 Letters	21-Jul-15	Chuan Pictures	331,882
3688	17-Sep-15	Chuan Pictures, mm2 Entertainment	461,316
Our Sister Mambo	15-Jul-15	Cathay Organisation	221,302
Mr. Unbelievable	3-Dec-15	mm2 Entertainment, Clover Films, Byleft Productions, NB Productions	560,526

Source: Info-communications Media Development Authority.

Post-production

The post-production arm was added to the group with the acquisition of a 51% stake in Vividthree Productions Pte. Ltd. in April 2015 for S\$3.06mn. The segment's contribution to group revenue is c3%.

Vividthree is a visual effects 3D animation and computer-generated imagery (CGI) studio in Singapore. It provides a full range of post-production services for commercials, films and television content.

Vividthree received approval from the company's Board for a spin-off at the end of January 2018. On 23 April 2018, the company entered into a redeemable convertible loan agreement with R3 Asian Gems, an investment firm sponsored and co-managed by Ron Sim, the founder of OSIM. Per the agreement, R3 Asian Gems will invest S\$2mn for the subscription of mandatory convertible notes for a term of two years. If a listing takes place, the notes will be converted into ordinary shares in Vividthree Holdings at a discount of 15% from the IPO price. If a listing does not take place within two years, a coupon payment of 2% pa will be given at maturity.

Cinema operations

The company entered the cinema operations business in November 2015 with its acquisition of two cinemas from Cathay Cineplexes Sdn Bhd in Malaysia. As of April 2018, the group had 197 screens in 25 locations in Singapore and Malaysia.

On 24 November 2017, the group completed the acquisition of Cathay Cineplexes Pte. Ltd. for an agreed consideration of S\$215mn. The adjusted EBITDA of Cathay for FY17 amounted to S\$16.66mn (for seven screens). Under the agreement, MM2 Asia paid S\$15mn upfront and deferred the payment of the remaining S\$215mn. The company issued convertible notes and bonds amounting to S\$47.85mn and entered into a facility agreement for S\$115mn to finance the acquisition. The convertible notes bear a 2% annual interest rate with a maturity date of the earlier of: (1) an IPO date; or (2) the third anniversary of the date of the issuance of notes (7 February 2018). The conversion price would be at a 15% discount to the IPO price.

Table 8: MM2's acquisition of cinemas – timeline

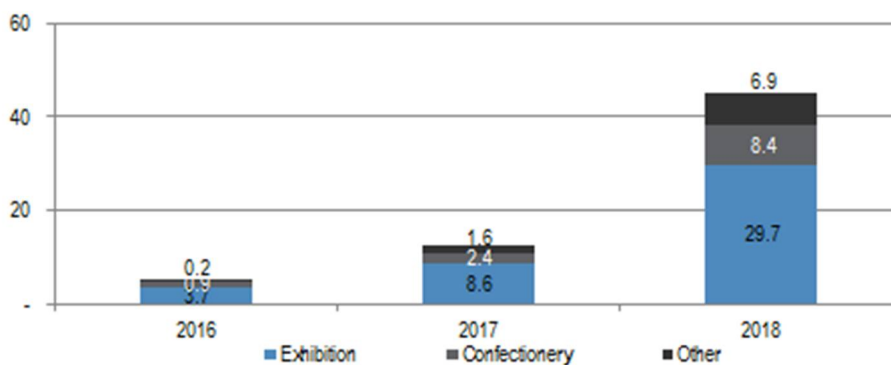
Date	Acquired from	No. of cinemas	No. of screens	Location	Price (S\$ M)	Profit contribution (S\$)	Annualized profit (S\$)
Nov-15	Cathay Cineplexes Sdn Bhd	2	30	Malaysia	13.8	91,965	220,716
Jul-16	Mega Cinemas Management Sdn Bhd	3	13	Malaysia	6.9	145,429	193,905
Sep-17	Lotus Fivestar Cinemas (M) Sdn Bhd	13	90	Malaysia	34.0	264,000	528,000
Nov-17	Cathay Cineplexes Pte. Ltd.	8	64	Singapore	230	NA	NA

Source: Company data. In Malaysia, the Lotus cinemas are in Selangor, Sarawak, Penang, Perak, Johor, etc.

The company receives income from selling movie tickets, food and beverages and other services, such as hall rentals, screen advertising, ticket booking fees, blanket and pillow rentals and virtual printing fees. Management believes the company now has the added advantage of being a producer and controlling the distributor channel, which makes it stand out among competitors. The cinema operation's contribution to group revenue is 24%.

Figure 9: Revenue breakdown trend for MM2's cinema operations

S\$ in millions



Source: Company data.

Table 9: P&L trends for MM2's cinema operations

S\$ in millions	2016	2017	2018
Revenue	4.9	12.6	45.0
Cost of sales	2.0	5.0	16.8
Gross profit	2.8	7.6	28.2
Operating expenses (excl. D&A)	2.3	6.2	22.7
Adjusted EBITDA	0.6	1.4	5.5
EBITDA margin	11.7%	11.2%	12.3%
Depreciation	0.3	0.8	3.9
Amortization	-	-	0.1
EBIT	0.3	0.6	1.5
EBIT margin	6.1%	5.0%	3.4%
Interest	0.1	0.5	1.3
PBT	0.2	0.1	0.2
PBT margin	3.3%	1.0%	0.5%
Tax	0.0	0.2	0.5
Net profit	0.1	(0.1)	(0.3)
Net profit margin	2.4%	-0.5%	-0.6%

Source: Company data.

Trends in cinema operation industry

Table 10: Number of screens and cinemas of Malaysia cinema operators

Rank	Cinema operators	No. of cinemas	No. of screens
1	Golden Screen Cinemas	35	328
2	TGV Cinemas Sdn Bhd	34	268
3	MBO Cinemas	27	213
4	MM2 Screen Management Sdn Bhd	17	133

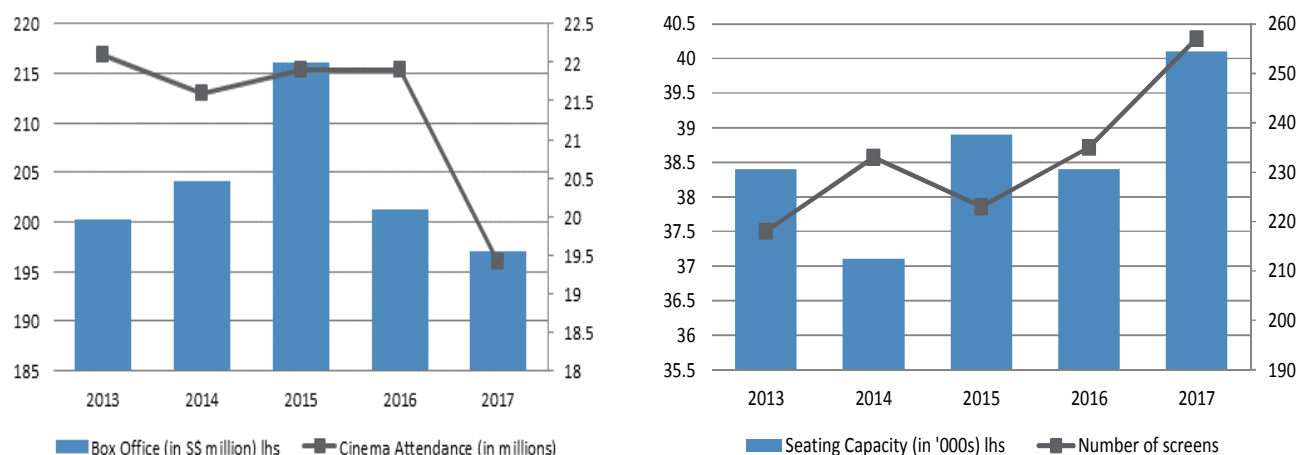
Source: J.P. Morgan.

Figure 10: Seating capacity and screens of Singapore cinema operators, as of 2017

Year	No. of Screens	Seating Capacity
Golden Village	99 (22 are 3D) (excluding Capitol)	15,466
Cathay	64 (25 are 3D)	11,364
Shaw	80 (3 IMAX, 23 are 3D)	8,705
Filmgarde	14 (3 are 3D)	2,205
WE Cinemas	10 (2 are 3D)	746

Source: Info-communications Media Development Authority.

Figure 11: Overview of Singapore cinema industry



Source: Info-communications Media Development Authority.

Event production and concert promotion

On 11 August 2016, the group acquired a 51% stake for S\$26mn in Unusual Pte. Ltd. Unusual produces and promotes large-scale events and concerts. Unusual listed on the Catalist board of the SGX on 10 April 2017.

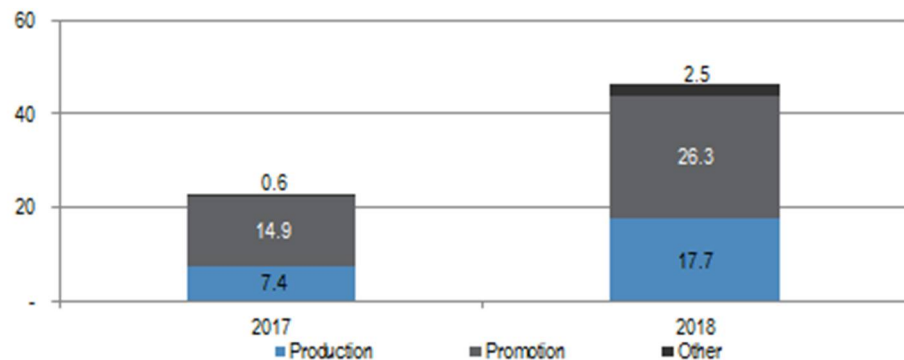
Under the production segment, Unusual manages the creative and technical aspects of an entire event, including conceptualization, set design and creation, the rental and installation of sound, light and video equipment, and providing other technical and creative solutions. It receives revenue from the renting of stage and equipment and providing technical and creative services.

The promotion segment looks after the planning and management of events and concerts. This includes venue and date selection, coordinating ticketing matters and the marketing and promotion of events and concerts. Revenue is in the form of admissions fees and sponsorships. It also receives fees for the co-management of The Max Pavilion in Singapore Expo and the rental of related equipment in the pavilion.

Unusual has partnered with Singapore Art Festival, the Chingay Parade, SG50 Youth Celebrate! and the Formula One Grand Prix to provide technical solutions. It has promoted performances by both Asian and international artists that have been sold out. Its portfolio includes artists like Backstreet Boys, Chang Hui Mei, Jacky Cheung, JJ Lin and Foo Fighters, to name a few.

Figure 12: Revenue breakdown trend of MM2's events/concert segment

S\$ in millions



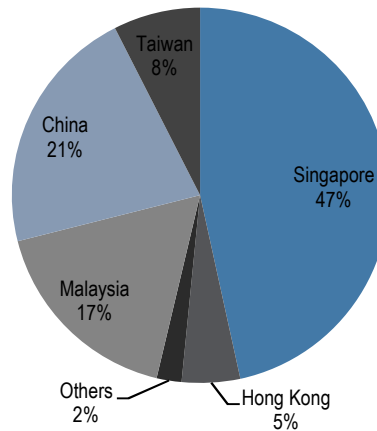
Source: Company data.

The segment's share of group revenue in FY18 was 24%. The company has produced and promoted more than 150 concerts and 200 events. It produced 21 concerts in FY18.

Regional presence

The company provides content and services in Singapore, Malaysia, Hong Kong, Taiwan, China and the U.S. It started its core business in Singapore and Malaysia, with 90% of revenue coming from these two regions. It has increased its focus in North Asia, with the region contributing 36% to total revenue.

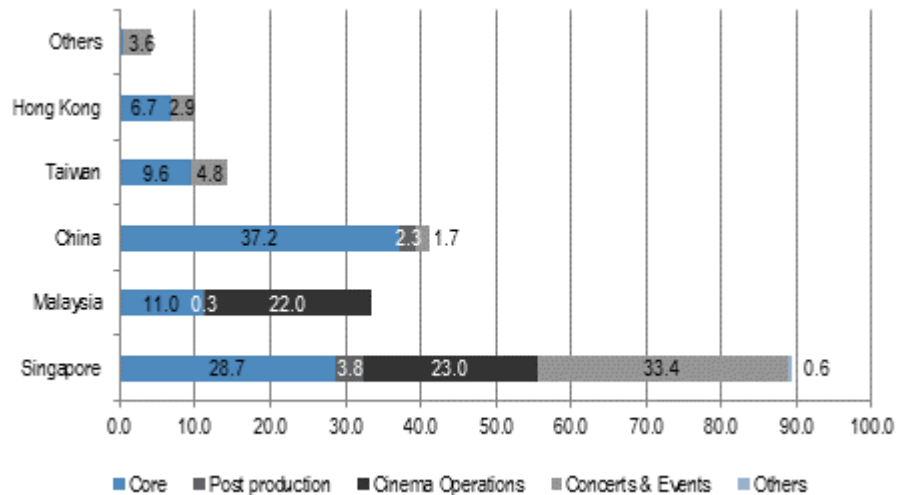
Figure 13: Revenue breakdown by region, FY18



Source: Company data.

Figure 14: Revenue breakdown by segment and region, FY18

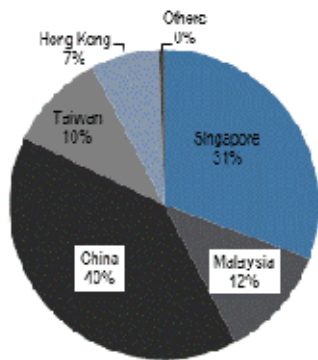
S\$ in millions



Source: Company data.

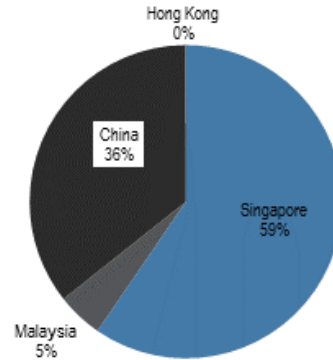
Revenue breakdown for each segment by region, FY18

Figure 15: Content production, distribution and sponsorship



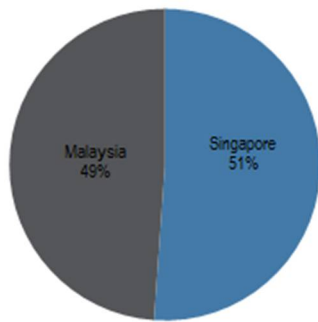
Source: Company data.

Figure 16: Post-production



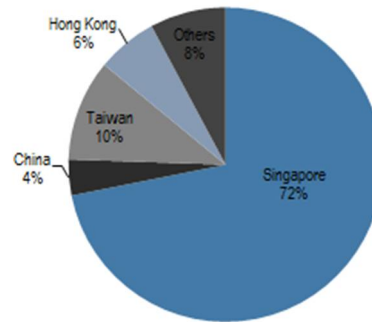
Source: Company data.

Figure 17: Cinema operations



Source: Company data.

Figure 18: Concerts and events



Source: Company data.

Financial summary

Income statement

Table 11: Income statement: Yearly

S\$ in millions, year-end March	2016	2017	2018	16-17 chg.	17-18 chg.
Revenue	38.3	95.7	192.0	150%	101%
Cost of sales	(20.0)	(50.5)	(103.7)	153%	106%
Gross profit	18.4	45.3	88.32	146%	95%
Other income	0.1	0.2	0.9	242%	454%
Other gains and losses - net	0.2	0.2	0.2	3%	-10%
Administrative	(8.3)	(20.2)	(47.1)	144%	133%
Finance	(0.4)	(1.4)	(1.6)	265%	11%
Share of loss of associated company	-	(0.0)	0.1	na	-1700%
Profit before income tax	10.0	24.0	40.9	140%	70%
Income tax expense	(1.1)	(3.7)	(7.3)	235%	98%
Net profit	8.9	20.3	33.6	129%	65%
Non-controlling interests	0.7	2.8	7.1	291%	153%
PATMI	8.2	17.5	26.5	114%	51%
Shares outstanding (mn)	884.5	1,028.8	1,162.8	16%	13%
EPS (S\$ cents)	0.9	1.7	2.3	84%	34%
D&A	9.0	16.4	21.3	82%	30%
EBITDA	19.3	41.8	63.2	116%	51%
EBIT	10.4	25.4	41.9	145%	65%
Dividend per share (S\$ cents)	-	-	-	na	na
Total dividend (declared)	-	-	-	na	na

Source: Company data.

Table 12: Income statement: Quarterly

S\$ in millions, year-end March	Quarter ended			y/y chg.	q/q chg.
	31-Dec-17	31-Mar-18	30-Jun-18		
Revenue	52.4	83.6	49.0	99%	-41%
Cost of sales	(28.2)	(47.3)	(16.1)	73%	-66%
Gross profit	24.2	36.3	32.9	114%	-9%
Other income	0.1	0.2	0.5	91%	179%
Other gains and losses - net	0.4	(0.0)	0.3	-273%	-1248%
Administrative	(14.2)	(21.7)	(18.9)	235%	-13%
Finance	(0.2)	(1.3)	(3.2)	1941%	148%
Share of loss of associated company	0.2	0.2	0.0	-139%	-91%
Profit before income tax	10.4	13.6	11.6	22%	-15%
Income tax expense	(1.9)	(2.6)	(2.5)	41%	-2%
Net profit	8.5	11.1	9.1	17%	-17%
Non-controlling interests	2.0	2.0	1.9	35%	-5%
PATMI	6.4	9.1	7.2	13%	-20%
No. of shares outstanding (mn)	1,162.8	1,162.8	1,162.8	11%	0%
EPS (S\$ cents)	0.6	0.8	0.6	2%	-20%
D&A	4.3	13.7	3.3	139%	-76%
EBITDA	14.7	28.4	17.2	54%	-39%
EBIT	10.4	14.6	13.9	42%	-5%

Source: Company data.

Segment information

Table 13: Segment breakdown

“Others” consists of revenue from café operations, social media advertising and software development for interactive digital media

S\$ in millions, year-end March	2016	2017	2018	16-17 chg.	17-18 chg.
Revenue by segment	38.3	95.7	192.0	150%	101%
Core business	29.8	56.6	93.6	90%	65%
Post-production	3.6	3.5	6.3	-3%	80%
Cinema operation	4.9	12.6	45.0	158%	258%
Events/concerts	-	23.0	46.4	na	102%
Others	-	0.0	0.6		
Revenue by region	38.3	95.7	192.0	150%	101%
Singapore	22.4	39.2	88.9	75%	127%
Malaysia	7.4	24.9	33.0	238%	32%
China	5.7	18.8	41.1	230%	119%
Taiwan	1.7	6.1	14.4	263%	137%
Hong Kong	1.2	5.5	10.5	375%	91%
Others	0.0	1.2	4.1	3555%	240%
Gross profit by segment	18.4	45.3	90.5	146%	100%
Core business	13.0	27.9	40.3	114%	45%
Post-production	2.5	1.3	3.9	-46%	188%
Cinema operation	2.8	7.6	28.2	167%	273%
Events/concerts	-	8.5	17.9	na	109%
Others	-	(0.1)	0.2	na	-405%
Adjusted EBITDA by segment	19.4	41.8	64.2	116%	54%
Core business	17.4	32.8	43.1	89%	31%
Post-production	1.4	1.4	2.7	-1%	92%
Cinema operation	0.6	1.4	5.5	145%	293%
Events/concerts	-	6.5	13.6	na	110%
Others	-	(0.3)	(0.7)	na	109%
Net profit by segment	8.9	20.3	33.6	129%	65%
Core business	7.7	15.4	23.2	100%	51%
Post-production	1.1	1.0	2.0	-9%	101%
Cinema operation	0.1	(0.1)	(0.3)	-157%	269%
Events/concerts	-	4.4	9.6	na	119%
Others	-	(0.4)	(0.9)	na	149%
Core business					
Production	21.7	46.5	76.2	114%	64%
Distribution	6.0	9.3	12.3	55%	32%
Sponsorship	2.1	0.8	5.2	-62%	546%
Cinema operation					
Exhibition	3.7	8.6	29.7	130%	246%
Confectionery	0.9	2.4	8.4	162%	254%
Other cinema operations	0.2	1.6	6.9	581%	321%
Events/concerts					
Production	-	7.4	17.7	na	138%
Promotion	-	14.9	26.3	na	76%
Other	-	0.6	2.5	na	299%

Source: Company data.

Balance sheet

Table 14: Balance sheet

S\$ in millions, year-end March	2016	2017	2018
ASSETS			
Cash and cash equivalents	4.7	25.8	93.2
Trade and other receivables	24.4	46.3	115.3
Inventories and work-in-progress	0.3	0.7	6.5
Film products and films under production	9.8	23.4	20.7
Income tax recoverable	-	0.0	-
Current assets	39.3	96.1	235.7
Available-for-sale financial assets	0.3	-	0.7
Investment in associated company	-	1.5	2.6
Investment in a joint venture company	-	-	0.1
Property, plant and equipment	3.6	11.2	41.2
Intangible assets and goodwill	14.2	47.5	295.8
Film rights	8.8	5.6	4.7
Film intangibles and film inventories	2.3	3.5	4.2
Deferred income tax assets	0.6	0.7	1.3
Non-current assets	29.7	69.9	350.5
Total assets	69.0	166.0	586.2
LIABILITIES			
Trade and other payables	23.8	46.6	274.6
Progress billing in excess of work-in-progress	0.6	0.7	2.2
Deferred income	0.6	2.9	1.0
Borrowings	0.2	6.2	5.0
Current income tax liabilities	3.1	5.6	9.2
Current liabilities	28.2	62.1	292.0
Trade and other payables	-	-	2.9
Borrowings	2.8	5.5	61.0
Provisions	-	-	5.0
Deferred income tax liabilities	0.8	1.9	6.0
Derivative financial instruments	-	-	6.9
Non-current liabilities	3.6	7.3	81.7
Total liabilities	31.8	69.5	373.6
EQUITY			
Capital and reserves attributable to equity holders			
Share capital	57.0	88.2	152.9
Other reserves	(37.5)	(37.2)	(30.9)
Retained profits/(accumulated losses)	16.7	34.2	60.7
	36.2	85.2	182.7
Non-controlling interests	1.0	11.3	29.9
Total equity	37.2	96.5	212.6
Total liabilities & equity	69.0	166.0	586.2

Source: Company data.

Cash flow statement

Table 15: Cash flow statement

S\$ in millions, year-end March	2016	2017	2018
Net profit	8.9	20.3	33.6
Income tax expense	1.1	3.7	7.9
Depreciation of property, plant and equipment	0.5	1.6	5.6
Interest income	(0.0)	(0.0)	(0.5)
Interest expense	0.4	1.4	1.9
Amortization of film rights	8.4	13.1	11.5
Amortization of film intangibles and film inventories	0.0	0.7	3.5
Amortization of brand	-	0.4	0.7
Amortization of artist rights	-	0.7	-
Share of loss of associated company	-	0.0	(0.1)
Property, plant & equipment written off	-	0.0	0.0
Loss/(gain) on disposal of property, plant & equipment	(0.0)	0.0	-
Allowance for impairment of trade receivables	0.1	0.0	-
Unrealized currency translation loss/(gain)	(0.4)	0.4	(0.6)
Performance share plan expenses	-	-	0.6
Gain on disposal of available-for-sale financial assets	-	(0.0)	-
Cash flow from operations before working capital changes	19.0	42.2	64.0
Trade and other receivables	(3.0)	(8.4)	(65.3)
Inventories and work-in-progress	(0.0)	(0.4)	0.1
Film products and films under production	(16.0)	(23.1)	(13.3)
Film intangibles and film inventories	(2.3)	(2.0)	(4.6)
Trade and other payables	(1.1)	0.6	28.2
Deferred income	(0.6)	2.4	(2.8)
Progress billing in excess of work-in-progress	0.4	0.1	0.5
Cash provided by/(used in) operations	(3.5)	11.4	6.8
Income tax paid	(0.1)	(2.0)	(5.2)
Net cash provided by/(used in) operating activities	(3.6)	9.4	1.6
Acquisition of a subsidiary corporation, net of cash acquired	(0.6)	(6.0)	(5.8)
Acquisition of associates	-	-	(2.2)
Acquisition of a joint venture company	-	-	(0.1)
Additions to film rights	-	(0.4)	(0.0)
Additions to development of software	(0.0)	(0.0)	(0.0)
Additions to property, plant & equipment	(1.1)	(9.7)	(10.6)
Deposit for acquisition of business assets	(0.1)	(0.5)	-
Additions to other assets – Investment in a project	-	-	(3.4)
Additions to available-for-sale financial assets	-	-	(0.7)
Interest received	0.0	0.0	0.5
Proceeds from disposal of property, plant & equipment	0.0	3.2	0.0
Proceeds from disposal of/(additions to) financial assets	(0.3)	0.3	-
Acquisitions of business assets	(7.0)	(3.9)	(31.9)
Repayment of deferred consideration	-	(9.4)	(20.0)
Net cash used in investing activities	(9.0)	(26.4)	(74.2)
Fixed deposits pledged to bank	(0.4)	(0.4)	0.4
Interest paid	(0.2)	(0.5)	(1.2)
Dividend paid by subsidiary to non-controlling interest	-	-	(0.1)
Proceeds from issuance of shares of company	6.2	18.0	64.1
Proceeds from issuance of shares of subsidiary	-	-	17.5
Proceeds from issuance of convertible bonds	5.5	10.5	115.5
Proceeds from borrowings	0.5	11.8	29.1
Repayment of borrowings	(0.3)	(1.4)	(84.3)
Repayment of lease liabilities	(0.1)	(0.1)	(0.1)
Net cash provided by financing activities	11.2	37.9	140.9
Net increase/(decrease) in cash and cash equivalents	(1.5)	20.9	68.3
Beginning of financial year	5.7	4.1	24.9
Effects of currency translation on cash and cash equivalents	(0.1)	(0.2)	(0.3)
End of financial year	4.1	24.9	92.8
Capex (incl. acquisitions)	(8.7)	(20.1)	(54.0)
Acquisitions	(0.6)	(6.0)	(8.1)
FCFF	(12.3)	(10.6)	(52.4)

Source: Company data.

Ratios

Table 16: Ratio analysis

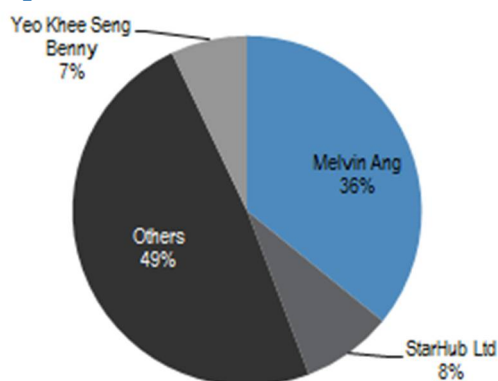
Year-end March	2016	2017	2018
Margins			
Gross margin	48.0%	47.3%	46.0%
EBITDA margin	50.5%	43.6%	32.9%
EBIT margin	27.0%	26.5%	21.8%
PBT margin	26.1%	25.1%	21.3%
PAT margin	23.2%	21.2%	17.5%
PATMI margin	21.3%	18.3%	13.8%
\$S in millions			
Total assets	69.0	166.0	586.2
Total assets - CL (ex-bank debt)	41.0	110.1	299.2
Net assets	37.2	96.5	212.5
Total equity	37.2	96.5	212.6
Total debt	3.0	11.7	72.8
Net debt	(1.7)	(14.1)	(20.4)
Capital employed (total assets - current liabilities)	40.7	103.8	294.2
Avg. capital employed	31.0	72.3	199.0
Average (total assets - CL (ex-bank debt))	31.2	75.5	204.6
Invested capital (total equity + total debt)	40.2	108.2	285.4
Average invested capital	29.9	74.2	196.8
Working capital ratios			
Net working capital (receivables + inventory + films under production - payables)	10.7	23.7	(132.2)
Average net working capital	10.7	17.2	(54.2)
Net working capital/sales	27.9%	18.0%	-28.2%
Receivable days	214	135	154
Payable days	352	255	565
Inventory days	136	123	90
Cash conversion cycle	(2.0)	3.5	(321.6)
Profitability ratios			
RoA: PAT/average (total assets - CL (ex-bank debt))	28.5%	26.9%	16.4%
RoCE: (EBIT - tax)/average CE	29.9%	30.1%	17.4%
RoIC: (EBIT - tax)/average IC	31.1%	29.3%	17.6%
ROE: Total (PATMI/average shareholders' equity)	29.5%	28.9%	19.8%
Leverage ratios			
Net debt/equity	-4.6%	-14.6%	-9.6%
EBITDA/interest expense (x)	50.0	29.5	40.1
Liquidity ratios			
Current ratio (x)	1.4	1.5	0.8
Quick ratio (x): (current assets - inventory - prepayments)/CL	1.0	1.2	0.7
DuPont decomposition			
PATMI margin	21.3%	18.3%	13.8%
Revenue/assets	0.7	0.8	0.5
Assets/equity	1.9	1.9	2.8
ROE (DuPont)	29.5%	28.9%	19.8%

Source: Company data.

Management and shareholding structure

As of 23 June 2017, the company's free float was approximately 44.30%. Melvin Ang is the largest shareholder, with an effective holding of 35.85%. StarHub Ltd. is the second-largest shareholder, at 8.39%. Yeo Khee Seng Benny is the third-largest shareholder, at 7.08%. Yeo Khee Seng Benny is the co-owner of Apex Capital Group Pte. Ltd.

Figure 19: Shareholding structure



Source: Company data.

Table 17: Key management

Melvin Ang	Founder & Executive Chairman	Mr. Ang graduated from Macquarie University with a Master's of Business Administration in 1996. In August 1997, he was employed by the Television Corporation of Singapore as Vice President, Business Development. Mr. Ang was employed by SPH MediaWorks Ltd. as COO of its Media Business Group between November 2000 and April 2003. Between July 2003 and March 2007, he was Managing Director of MediaCorp Studios. Before setting up mm2 Malaysia and mm2 Singapore in January 2009, he served as Media Prima Berhad's Executive Advisor between July 2007 and December 2008. In his current position, he is responsible for supervising overall business operations and management, as well as business planning and providing executive leadership and supervision to the group's senior management team.
Chang Long Jong	Group CEO	Prior to joining the group in April 2017, Mr. Chang was Deputy CEO and Chief Customer Officer of MediaCorp Pte. Ltd., overseeing all of MediaCorp's major media assets, including TV, radio, newspaper, magazines and over-the-top service Toggle. He has had a 30-year career in the business, with experience in channel management, content development and production, content licensing and distribution, media business development and talent management. Currently, he is responsible for overseeing and managing the group's business operations, especially the production division, as well as sourcing new business opportunities for the group.
Chong How Kiat	Chief CFO	With close to 20 years of financial experience in the property management and development, construction and media industries, Chong How Kiat is responsible for all finance-related matters.
Ng Say Yong	Chief Content Officer, mm2 Asia and MD, mm2 Singapore	Previously held management positions at MediaCorp TV and has produced and directed numerous highly successful TV dramas and films. He is responsible for the overall creative content development of the group's productions.

Source: Company data.

Share price

Figure 20: Historical share price (S\$)



Source: Bloomberg. Past results are not an indicator of future performance.

Figure 21: Historical market capitalization (S\$ in millions)



Source: Bloomberg. Past results are not an indicator of future performance.

Key events

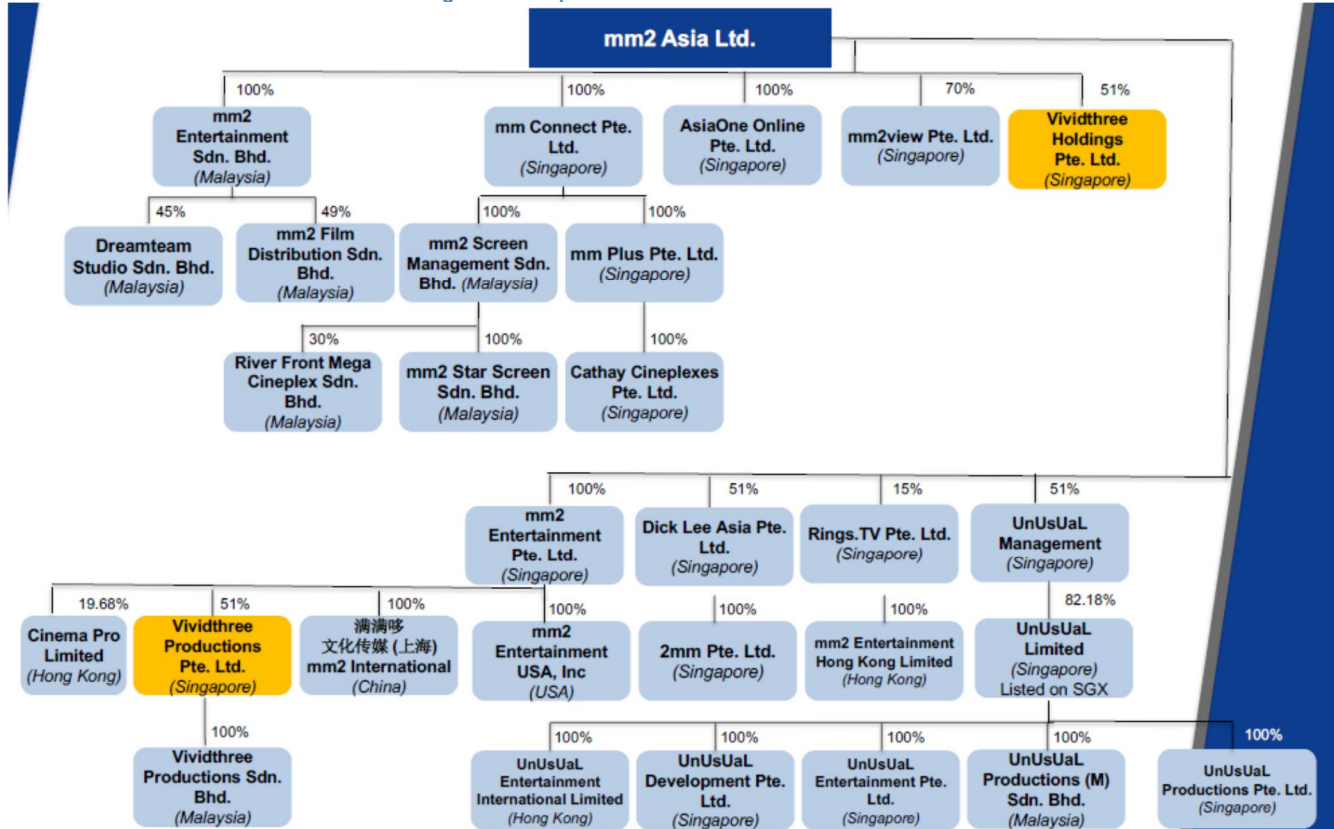
Table 18: Key events

Dec-14	Listed on SGX Catalist board
Apr-15	Completion of 51% stake acquisition of Vividthree Productions
Jun-15	Issuance of S\$2.875mn convertible bonds to Phillip Asia Pacific Opportunity Fund Ltd.
Jul-15	Issuance of S\$2.6mn with S\$1.3mn greenshoe option exchangeable convertible bonds to 3VS1 Asia Growth Fund 2 Ltd.
Nov-15	Completion of acquisition of two cinema businesses and assets from Cathay Cineplexes Sdn Bhd
Dec-15	Placement of S\$5mn to three investors
Dec-15	Completion of 70% stake acquisition in mm2View Pte. Ltd.
Feb-16	Completion of share split of 1 ordinary share to 2 ordinary shares
Mar-16	Placement agreement with StarHub Ltd. to acquire 9% stake in mm2 Asia for S\$18mn
Jul-16	Completion of acquisition of three cinema businesses and assets from Mega Cinemas
Aug-16	Completion of 51% stake acquisition in Unusual Pte. Ltd.
Oct-16	Completion of share split of 1 ordinary share to 2 ordinary shares
Nov-16	Incorporation of subsidiary mm2 Entertainment USA, Inc., in California
Nov-16	Binding term sheet with Lotus Fivestar Cinemas to acquire cinema businesses and assets in 13 locations in Malaysia
Feb-17	Incorporation of subsidiary mm2 International Pte. Ltd. in Shanghai
Mar-17	Announced that The Voice, Talpa Global B.V.'s flagship format, will be co-produced by mm2 Entertainment Pte. Ltd., StarHub and Astro Malaysia Holdings Berhad for Singapore and Malaysia
Mar-17	Subscribes for 15% of RINGS.TV with a further call option to increase stake to 20%.
Apr-17	Shifts to SGX main board, Unusual Ltd. listed on SGX Catalist board
May-17	mm2 Entertainment Pte. Ltd. enters into a binding MOU with Cinema Pro Limited and Kbro Media Co. Limited to acquire 3,200,000 new shares, totaling 19.68% of Cinema Pro Limited, to target the North Asia market. The stake contains a profit guarantee and buyback guarantee from Cinema Pro Limited and Kbro Media Co. Limited, respectively. The purchase consideration is approximately \$720,000. The aim is to target and expand the company's cinema projects across North Asia and increase its presence in new cinema projects opportunities. CP provides Cinema Management services covering Hong Kong and Mainland China, including UA Cinema Circuit (UA 院線), Orange Sky Golden Harvest (橙天嘉禾), Jinyi Cinemas (金逸影院) and Dadi Cinemas (大地院線).
June-17	Enters into a placement agreement with StarHub Ltd. to acquire a 2.3% stake in mm2 Asia for S\$15mn at a share price of S\$0.57
Sep-17	Completed acquisition of 13 Lotus Fivestar Cinemas, bringing total number of owned screens from 43 to 133
Nov-17	Completed acquisition of Cathay Cineplexes Pte. Ltd. mm2 Asia made a deposit of S\$15mn upon signing an option agreement on 2-Nov-17 with Cathay Organisation Pte. Ltd. Under the agreement, mm2 Asia will pay the remaining balance of S\$215mn and retain the employees of Cathay Cineplexes. The company issued convertible notes and bonds amounting to S\$47.85mn to finance the acquisition on 7-Feb-18 and entered into a facility agreement of S\$115mn.
Jan-18	mm2 Asia's Board approves the spin-off of Vividthree Productions, which is planned to eventually list on the secondary board.
Apr-18	mm2 Asia subsidiary Unusual Management sells its 5.39% stake in Unusual Limited for approximately S\$25.8mn, reducing its stake to 76.8% from 82.2%. It sold its stake at S\$0.465 per share to Brunei's Prince Abdul Qawi and a fund started by OSIM founder Ron Sim.
May-18	South Korea's largest content company CJ E&M forms a slate financing partnership for Southeast Asian films with mm2 Entertainment. For the next three years, through 2021, mm2 will finance six Southeast Asian films that CJ E&M finances and produces.

Source: Company data.

Corporate structure

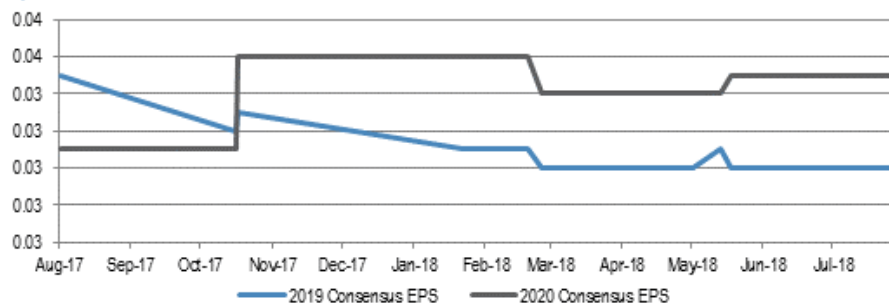
Figure 22: Corporate structure



Source: Company data.

Consensus, estimates and valuations

Figure 23: Consensus EPS



Source: Bloomberg.

Figure 24: 12M forward P/E



Source: Bloomberg.

Table 19: Consensus estimates

S\$ in millions	Actuals			Consensus		
	-2FY	-1FY	0FY	+1FY	+2FY	+3FY
Revenues	38	96	192	289	330	354
EBIT	10	26	42	61	68	79
EBITDA	19	42	65	84	99	117
Net income	8	18	26	33	40	45
EPS (reported)	0.009	0.017	0.023	0.033	0.034	0.037
EPS (adj.)	0.009	0.018	0.023	0.029	0.034	0.041
Y/Y (%)						
Revenues	57.9%	149.7%	100.6%	50.6%	14.2%	7.3%
EBIT	54.1%	151.4%	65.8%	44.0%	12.1%	15.1%
EBITDA	93.6%	118.9%	54.3%	29.4%	17.7%	19.1%
Net income	60.8%	114.3%	51.1%	24.2%	21.7%	12.3%
EPS (adj.)	51.9%	90.3%	31.3%	23.9%	17.2%	20.6%
Margins (%)						
EBIT margin	26.5%	26.7%	22.0%	21.1%	20.7%	22.2%
EBITDA margin	49.9%	43.8%	33.7%	28.9%	29.8%	33.1%
Net profit margin	21.3%	18.3%	13.8%	11.4%	12.1%	12.7%
Last-3Y EPS CAGR			58.1%	Next-2Y EPS CAGR		18.9%

Source: Bloomberg.

Analyst Certification: The research analyst(s) denoted by an “AC” on the cover of this report certifies (or, where multiple research analysts are primarily responsible for this report, the research analyst denoted by an “AC” on the cover or within the document individually certifies, with respect to each security or issuer that the research analyst covers in this research) that: (1) all of the views expressed in this report accurately reflect his or her personal views about any and all of the subject securities or issuers; and (2) no part of any of the research analyst's compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed by the research analyst(s) in this report. For all Korea-based research analysts listed on the front cover, they also certify, as per KOFIA requirements, that their analysis was made in good faith and that the views reflect their own opinion, without undue influence or intervention.

Important Disclosures

- **Market Maker/ Liquidity Provider:** J.P. Morgan Securities plc and/or an affiliate is a market maker and/or liquidity provider in securities issued by mm2 Asia Ltd.
- **Other Significant Financial Interests:** J.P. Morgan owns a position of 1 million USD or more in the debt securities of mm2 Asia Ltd.

Company-Specific Disclosures: Important disclosures, including price charts and credit opinion history tables, are available for compendium reports and all J.P. Morgan–covered companies by visiting <https://www.jpmm.com/research/disclosures>, calling 1-800-477-0406, or e-mailing research.disclosure.inquiries@jpmorgan.com with your request. J.P. Morgan’s Strategy, Technical, and Quantitative Research teams may screen companies not covered by J.P. Morgan. For important disclosures for these companies, please call 1-800-477-0406 or e-mail research.disclosure.inquiries@jpmorgan.com.

Explanation of Equity Research Ratings, Designations and Analyst(s) Coverage Universe:

J.P. Morgan uses the following rating system: Overweight [Over the next six to twelve months, we expect this stock will outperform the average total return of the stocks in the analyst’s (or the analyst’s team’s) coverage universe.] Neutral [Over the next six to twelve months, we expect this stock will perform in line with the average total return of the stocks in the analyst’s (or the analyst’s team’s) coverage universe.] Underweight [Over the next six to twelve months, we expect this stock will underperform the average total return of the stocks in the analyst’s (or the analyst’s team’s) coverage universe.] Not Rated (NR): J.P. Morgan has removed the rating and, if applicable, the price target, for this stock because of either a lack of a sufficient fundamental basis or for legal, regulatory or policy reasons. The previous rating and, if applicable, the price target, no longer should be relied upon. An NR designation is not a recommendation or a rating. In our Asia (ex-Australia and ex-India) and U.K. small- and mid-cap equity research, each stock’s expected total return is compared to the expected total return of a benchmark country market index, not to those analysts’ coverage universe. If it does not appear in the Important Disclosures section of this report, the certifying analyst’s coverage universe can be found on J.P. Morgan’s research website, www.jpmorganmarkets.com.

Coverage Universe: Mirchandani, Ajay: Aboitiz Power (AP.PS), Bumi Armada Berhad (BUAB.KL), DMCI Holdings (DMC.PS), Dialog Group Bhd (DIAL.KL), Keppel Corporation (KPLM.SI), Lotte Chemical Titan (LOTT.KL), MISC Berhad (MISC.KL), Manila Electric Company (MER.PS), Manila Water Company Inc (MWC.PS), Metro Pacific Investments Corp. (MPI.PS), PTT Exploration & Production (PTTEP.BK), PTT Global Chemical Pcl (PTTGC.BK), PTT Public Company (PTT.BK), Perusahaan Gas Negara (PGAS.JK), Petronas Chemicals Group Berhad (PCGB.KL), Petronas Gas Bhd (PGAS.KL), Pilipinas Shell Petroleum Corp. (SHLPH.PS), Sapura Energy (SAEN.KL), Sembcorp Marine (SCMN.SI), Semirara Mining and Power Corp (SCC.PS), Tenaga (TENA.KL), Thai Oil Public Company (TOP.BK)

J.P. Morgan Equity Research Ratings Distribution, as of July 02, 2018

	Overweight (buy)	Neutral (hold)	Underweight (sell)
J.P. Morgan Global Equity Research Coverage	47%	41%	13%
IB clients*	54%	48%	40%
JPMS Equity Research Coverage	45%	42%	13%
IB clients*	74%	66%	58%

*Percentage of investment banking clients in each rating category.

For purposes only of FINRA/NYSE ratings distribution rules, our Overweight rating falls into a buy rating category; our Neutral rating falls into a hold rating category; and our Underweight rating falls into a sell rating category. Please note that stocks with an NR designation are not included in the table above.

Equity Valuation and Risks: For valuation methodology and risks associated with covered companies or price targets for covered companies, please see the most recent company-specific research report at <http://www.jpmorganmarkets.com>, contact the primary analyst or your J.P. Morgan representative, or email research.disclosure.inquiries@jpmorgan.com. For material information about the proprietary models used, please see the Summary of Financials in company-specific research reports and the Company Tearsheets, which are available to download on the company pages of our client website, <http://www.jpmorganmarkets.com>. This report also sets out within it the material underlying assumptions used.

Equity Analysts' Compensation: The equity research analysts responsible for the preparation of this report receive compensation based upon various factors, including the quality and accuracy of research, client feedback, competitive factors, and overall firm revenues.

Registration of non-US Analysts: Unless otherwise noted, the non-US analysts listed on the front of this report are employees of non-US affiliates of JPMS, are not registered/qualified as research analysts under NASD/NYSE rules, may not be associated persons of JPMS, and may not be subject to FINRA Rule 2241 restrictions on communications with covered companies, public appearances, and trading securities held by a research analyst account.

Other Disclosures

J.P. Morgan ("JPM") is the global brand name for J.P. Morgan Securities LLC ("JPMS") and its affiliates worldwide. J.P. Morgan Cazenove is a marketing name for the U.K. investment banking businesses and EMEA cash equities and equity research businesses of JPMorgan Chase & Co. and its subsidiaries.

All research reports made available to clients are simultaneously available on our client website, J.P. Morgan Markets. Not all research content is redistributed, e-mailed or made available to third-party aggregators. For all research reports available on a particular stock, please contact your sales representative.

Options related research: If the information contained herein regards options related research, such information is available only to persons who have received the proper option risk disclosure documents. For a copy of the Option Clearing Corporation's Characteristics and Risks of Standardized Options, please contact your J.P. Morgan Representative or visit the OCC's website at <https://www.theocc.com/components/docs/riskstoc.pdf>

Private Bank Clients: Where you are a client of the private banking businesses offered by JPMorgan Chase & Co. and its subsidiaries ("J.P. Morgan Private Bank"), research is issued to you by J.P. Morgan Private Bank and not by any other division of J.P. Morgan, including but not limited to the J.P. Morgan corporate and investment bank and its research division.

Legal Entities Disclosures

U.S.: JPMS is a member of NYSE, FINRA, SIPC and the NFA. JPMorgan Chase Bank, N.A. is a member of FDIC. **U.K.:** JPMorgan Chase N.A., London Branch, is authorised by the Prudential Regulation Authority and is subject to regulation by the Financial Conduct Authority and to limited regulation by the Prudential Regulation Authority. Details about the extent of our regulation by the Prudential Regulation Authority are available from J.P. Morgan on request. J.P. Morgan Securities plc (JPMS plc) is a member of the London Stock Exchange and is authorised by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority. Registered in England & Wales No. 2711006. Registered Office 25 Bank Street, London, E14 5JP. **South Africa:** J.P. Morgan Equities South Africa Proprietary Limited is a member of the Johannesburg Securities Exchange and is regulated by the Financial Services Board. **Hong Kong:** J.P. Morgan Securities (Asia Pacific) Limited (CE number AAJ321) is regulated by the Hong Kong Monetary Authority and the Securities and Futures Commission in Hong Kong and/or J.P. Morgan Broking (Hong Kong) Limited (CE number AAB027) is regulated by the Securities and Futures Commission in Hong Kong. **Korea:** This material is issued and distributed in Korea by or through J.P. Morgan Securities (Far East) Limited, Seoul Branch, which is a member of the Korea Exchange (KRX) and is regulated by the Financial Services Commission (FSC) and the Financial Supervisory Service (FSS). **Australia:** J.P. Morgan Securities Australia Limited (JPMSAL) (ABN 61 003 245 234/AFS Licence No: 238066) is regulated by ASIC and is a Market, Clearing and Settlement Participant of ASX Limited and CHI-X. **Taiwan:** J.P. Morgan Securities (Taiwan) Limited is a participant of the Taiwan Stock Exchange (company-type) and regulated by the Taiwan Securities and Futures Bureau. **India:** J.P. Morgan India Private Limited (Corporate Identity Number - U67120MH1992FTC068724), having its registered office at J.P. Morgan Tower, Off. C.S.T. Road, Kalina, Santacruz - East, Mumbai - 400098, is registered with Securities and Exchange Board of India (SEBI) as a 'Research Analyst' having registration number INH000001873. J.P. Morgan India Private Limited is also registered with SEBI as a member of the National Stock Exchange of India Limited (SEBI Registration Number - INB 230675231/INF 230675231/INE 230675231), the Bombay Stock Exchange Limited (SEBI Registration Number - INB 010675237/INF 010675237) and as a Merchant Banker (SEBI Registration Number - MB/INM000002970). Telephone: 91-22-6157 3000, Facsimile: 91-22-6157 3990 and Website: www.jpiml.com. For non local research reports, this material is not distributed in India by J.P. Morgan India Private Limited. **Thailand:** This material is issued and distributed in Thailand by JPMorgan Securities (Thailand) Ltd., which is a member of the Stock Exchange of Thailand and is regulated by the Ministry of Finance and the Securities and Exchange Commission and its registered address is 3rd Floor, 20 North Sathorn Road, Silom, Bangrak, Bangkok 10500. **Indonesia:** PT J.P. Morgan Securities Indonesia is a member of the Indonesia Stock Exchange and is regulated by the OJK a.k.a. BAPEPAM LK. **Philippines:** J.P. Morgan Securities Philippines Inc. is a Trading Participant of the Philippine Stock Exchange and a member of the Securities Clearing Corporation of the Philippines and the Securities Investor Protection Fund. It is regulated by the Securities and Exchange Commission. **Brazil:** Banco J.P. Morgan S.A. is regulated by the Comissao de Valores Mobiliarios (CVM) and by the Central Bank of Brazil. **Mexico:** J.P. Morgan Casa de Bolsa, S.A. de C.V., J.P. Morgan Grupo Financiero is a member of the Mexican Stock Exchange and authorized to act as a broker dealer by the National Banking and Securities Exchange Commission. **Singapore:** This material is issued and distributed in Singapore by or through J.P. Morgan Securities Singapore Private Limited (JPMS) [MCI (P) 099/04/2018 and Co. Reg. No.: 199405335R], which is a member of the Singapore Exchange Securities Trading Limited and/or JPMorgan Chase Bank, N.A., Singapore branch (JPMCB Singapore) [MCI (P) 046/09/2018], both of which are regulated by the Monetary Authority of Singapore. This material is issued and distributed in Singapore only to accredited investors, expert investors and institutional investors, as defined in Section 4A of the Securities and Futures Act, Cap. 289 (SFA). This material is not intended to be issued or distributed to any retail investors or any other investors that do not fall into the classes of "accredited investors," "expert investors" or "institutional investors," as defined under Section 4A of the SFA. Recipients of this document are to contact JPMS or JPMCB Singapore in respect of any matters arising from, or in connection with, the document. **Japan:** JPMorgan Securities Japan Co., Ltd. and JPMorgan Chase Bank, N.A., Tokyo Branch are regulated by the Financial Services Agency in Japan. **Malaysia:** This material is issued and distributed in Malaysia by JPMorgan Securities (Malaysia) Sdn Bhd (18146-X) which is a Participating Organization of Bursa Malaysia Berhad and a holder of Capital Markets Services License issued by the Securities Commission in Malaysia. **Pakistan:** J. P. Morgan Pakistan Broking (Pvt.) Ltd is a member of the Karachi Stock Exchange and regulated by the Securities and Exchange Commission of Pakistan. **Saudi Arabia:** J.P. Morgan Saudi Arabia Ltd. is authorized by the Capital Market Authority of the Kingdom of Saudi Arabia (CMA) to carry out dealing as an agent, arranging, advising and custody, with respect to securities business under licence number 35-07079 and its registered address is at 8th Floor, Al-Faisaliyah Tower, King Fahad Road, P.O. Box 51907, Riyadh 11553, Kingdom of Saudi Arabia. **Dubai:** JPMorgan Chase Bank, N.A., Dubai Branch is regulated by the Dubai Financial Services Authority (DFSA) and its registered address is Dubai International Financial Centre - Building 3, Level 7, PO Box 506551, Dubai, UAE.

Country and Region Specific Disclosures

U.K. and European Economic Area (EEA): Unless specified to the contrary, issued and approved for distribution in the U.K. and the EEA by JPMS plc.

Investment research issued by JPMS plc has been prepared in accordance with JPMS plc's policies for managing conflicts of interest arising as a result of publication and distribution of investment research. Many European regulators require a firm to establish, implement and maintain such a policy. Further information about J.P. Morgan's conflict of interest policy and a description of the effective internal organisations and administrative arrangements set up for the prevention and avoidance of conflicts of interest is set out at the following link <https://www.jpmorgan.com/jpmpdf/1320742677360.pdf>. This report has been issued in the U.K. only to persons of a kind described in Article 19 (5), 38, 47 and 49 of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (all such persons being referred to as "relevant persons"). This document must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this document relates is only available to relevant persons and will be engaged in only with relevant persons. In other EEA countries, the report has been issued to persons regarded as professional investors (or equivalent) in their home jurisdiction. **Australia:** This material is issued and distributed by JPMSAL in Australia to "wholesale clients" only. This material does not take into account the specific investment objectives, financial situation or particular needs of the recipient. The recipient of this material must not distribute it to any third party or outside Australia without the prior written consent of JPMSAL. For the purposes of this paragraph the term "wholesale client" has the meaning given in section 761G of the Corporations Act 2001. J.P. Morgan's research coverage universe spans listed securities across the ASX All Ordinaries index, securities listed on offshore markets, unlisted issuers and investment products which Research management deem to be relevant to the investor base from time to time. J.P. Morgan seeks to cover companies of relevance to the domestic and international investor base across all GIC sectors, as well as across a range of market capitalisation sizes. **Germany:** This material is distributed in Germany by J.P. Morgan Securities plc, Frankfurt Branch which is regulated by the Bundesanstalt für Finanzdienstleistungsaufsicht. **Hong Kong:** The 1% ownership disclosure as of the previous month end satisfies the requirements under Paragraph 16.5(a) of the Hong Kong Code of Conduct for Persons Licensed by or Registered with the Securities and Futures Commission. (For research published within the first ten days of the month, the disclosure may be based on the month end data from two months prior.) J.P. Morgan Broking (Hong Kong) Limited is the liquidity provider/market maker for derivative warrants, callable bull bear contracts and stock options listed on the Stock Exchange of Hong Kong Limited. An updated list can be found on HKEx website: <http://www.hkex.com.hk>. **Korea:** This report may have been edited or contributed to from time to time by affiliates of J.P. Morgan Securities (Far East) Limited, Seoul Branch. **Singapore:** As at the date of this report, JPMS is a designated market maker for certain structured warrants listed on the Singapore Exchange where the underlying securities may be the securities discussed in this report. Arising from its role as designated market maker for such structured warrants, JPMS may conduct hedging activities in respect of such underlying securities and hold or have an interest in such underlying securities as a result. The updated list of structured warrants for which JPMS acts as designated market maker may be found on the website of the Singapore Exchange Limited: <http://www.sgx.com>. In addition, JPMS and/or its affiliates may also have an interest or holding in any of the securities discussed in this report – please see the Important Disclosures section above. For securities where the holding is 1% or greater, the holding may be found in the Important Disclosures section above. For all other securities mentioned in this report, JPMS and/or its affiliates may have a holding of less than 1% in such securities and may trade them in ways different from those discussed in this report. Employees of JPMS and/or its affiliates not involved in the preparation of this report may have investments in the securities (or derivatives of such securities) mentioned in this report and may trade them in ways different from those discussed in this report. **Taiwan:** Research relating to equity securities is issued and distributed in Taiwan by J.P. Morgan Securities (Taiwan) Limited, subject to the license scope and the applicable laws and the regulations in Taiwan. According to Paragraph 2, Article 7-1 of Operational Regulations Governing Securities Firms Recommending Trades in Securities to Customers (as amended or supplemented) and/or other applicable laws or regulations, please note that the recipient of this material is not permitted to engage in any activities in connection with the material which may give rise to conflicts of interests, unless otherwise disclosed in the "Important Disclosures" in this material. **India:** For private circulation only, not for sale. **Pakistan:** For private circulation only, not for sale. **New Zealand:** This material is issued and distributed by JPMSAL in New Zealand only to persons whose principal business is the investment of money or who, in the course of and for the purposes of their business, habitually invest money. JPMSAL does not issue or distribute this material to members of "the public" as determined in accordance with section 3 of the Securities Act 1978. The recipient of this material must not distribute it to any third party or outside New Zealand without the prior written consent of JPMSAL. **Canada:** The information contained herein is not, and under no circumstances is to be construed as, a prospectus, an advertisement, a public offering, an offer to sell securities described herein, or solicitation of an offer to buy securities described herein, in Canada or any province or territory thereof. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the dealer registration requirement in the relevant province or territory of Canada in which such offer or sale is made. The information contained herein is under no circumstances to be construed as investment advice in any province or territory of Canada and is not tailored to the needs of the recipient. To the extent that the information contained herein references securities of an issuer incorporated, formed or created under the laws of Canada or a province or territory of Canada, any trades in such securities must be conducted through a dealer registered in Canada. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed judgment upon these materials, the information contained herein or the merits of the securities described herein, and any representation to the contrary is an offence. **Dubai:** This report has been issued to persons regarded as professional clients as defined under the DFSA rules. **Brazil:** Ombudsman J.P. Morgan: 0800-7700847 / ouvidoria.jp.morgan@jpmorgan.com.

General: Additional information is available upon request. Information has been obtained from sources believed to be reliable but JPMorgan Chase & Co. or its affiliates and/or subsidiaries (collectively J.P. Morgan) do not warrant its completeness or accuracy except with respect to any disclosures relative to JPMS and/or its affiliates and the analyst's involvement with the issuer that is the subject of the research. All pricing is indicative as of the close of market for the securities discussed, unless otherwise stated. Opinions and estimates constitute our judgment as of the date of this material and are subject to change without notice. Past performance is not indicative of future results. This material is not intended as an offer or solicitation for the purchase or sale of any financial instrument. The opinions and recommendations herein do not take into account individual client circumstances, objectives, or needs and are not intended as recommendations of particular securities, financial instruments or strategies to particular clients. The recipient of this report must make its own independent decisions regarding any securities or financial instruments mentioned herein. JPMS distributes in the U.S. research published by non-U.S. affiliates and accepts responsibility for its contents. Periodic updates may be provided on companies/industries based on company specific developments or announcements, market conditions or any other publicly available information. Clients should contact analysts and execute transactions through a J.P. Morgan subsidiary or affiliate in their home jurisdiction unless governing law permits otherwise.

"Other Disclosures" last revised August 18, 2018.

Copyright 2018 JPMorgan Chase & Co. All rights reserved. This report or any portion hereof may not be reprinted, sold or redistributed without the written consent of J.P. Morgan.