

19 OCTOBER 2021

THAILAND / ICT

## JASMINE INTERNATIONAL JAS TB

**HOLD**

UNCHANGED

TARGET PRICE	THB3.10
CLOSE	THB2.92
UP/DOWNSIDE	+6.2%
PRIOR TP	THB2.70
CHANGE IN TP	+14.8%
TP vs CONSENSUS	+11.1%

## จะขาดทุนต่อเนื่อง

## ผลขาดทุนน่าจะดีขึ้นใน 3Q21

เราคาดว่าผลประกอบการของ JAS ดีขึ้นอย่างมีนัยสำคัญใน 3Q21 ด้วยผลขาดทุนจากการดำเนินงานเพียง 534 ลบ. เทียบกับ 852 ลบ. ในไตรมาสก่อนหน้า จากมาตรฐาน TFRS16 อัตราการคำนวณส่วนลดสำหรับมูลค่าการเช่าสายไฟเบอร์ออฟติกจาก Jasmine Broadband Internet Infrastructure Fund (JASIF TB, NR) น่าจะเพิ่มตามการเพิ่มของเงินเพื่อและผลตอบแทนพันธบัตรรัฐบาลไทย ซึ่งจะทำให้ต้นทุนการดำเนินงานลดลงจากไตรมาสก่อนหน้า นอกจากนี้รายได้จากโทรศัพท์มือถือใน 3Q21 ที่ 1% q-q เป็น 4.8 พัน ลบ. จากรายได้ธุรกิจบริการแบนด์และอินเทอร์เน็ต ซึ่งยังมีกระแสการเติบโตจาก 2Q21

## JTS อาจเป็นปัจจัยผลักดันสำคัญในระยะยาว

Jasmine Telecom Systems (JTS TB, NR) ซึ่งเป็นบริษัทย่อยของ JAS กำลังเข้าสู่ธุรกิจขุด Bitcoin เพื่อเกาะกระแสการลงทุนใน Cryptocurrency บริษัทฯ ตั้งเป้าเป็นฟาร์มขุด Bitcoin ที่ใหญ่ที่สุดในอาเซียนภายในปี 2024 JTS กล่าวว่าบริษัทฯ จะค่อย ๆ ติดตั้งเครื่องขุด Bitcoin จำนวน 500 เครื่อง ในระยะที่สองบริษัทฯ มีแผนติดตั้งอีก 5,000 เครื่องในต้นปีหน้าและบริษัทฯ คาดว่าจะติดตั้งครบ 50,000 เครื่องภายในปี 2024 ด้วยระดับกำลังการผลิตดังกล่าว บริษัทฯ เชื่อว่าบริษัทฯ จะขุดได้มากกว่า 16,000 BTC ต่อปี

## จะขาดทุนต่อเนื่อง

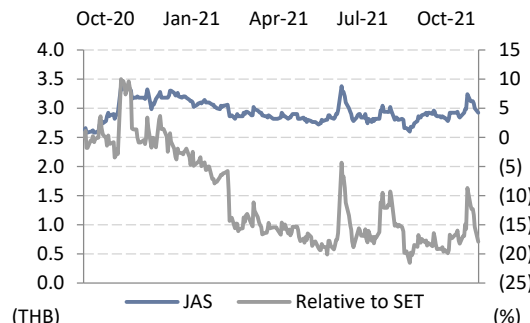
แม้ว่าการเข้าสู่ธุรกิจ Cryptocurrency ของ JTS ตาม Megatrend อาจดูน่าสนใจ ส่วนแบ่งของ JTS อาจไม่มีนัยสำคัญต่อ JAS เนื่องจากส่วนแบ่งกำไรสุทธิของ JTS ต่อผลกำไรขาดทุนของ JAS มีเพียง 22 ลบ. ในปี 2020 JTS ยังต้องการเวลาเพื่อพิสูจน์ผลประกอบการของธุรกิจขุด Bitcoin เนื่องจากบริษัทฯ พึ่งจะพัฒนาและเริ่มขุดใน 3Q21

## คงคำแนะนำที่ราคาเป้าหมายใหม่ที่ 3.10 บาท

เราเชื่อว่าราคาหุ้นของ JTS จะไม่มีความสัมพันธ์กับราคาหุ้นของ JAS เนื่องจากส่วนแบ่งกำไรสุทธิของ JTS ต่อผลกำไรขาดทุนของ JAS ยังมีน้อย แม้ว่าราคาหุ้น JTS จะพุ่งกว่า 3000% มาตั้งแต่ต้นปีนี้ JAS น่าจะขาดทุนต่อเนื่องก่อนพลิกเป็นกำไรได้เล็กน้อยในปี 2023 เมื่อผลกระทบจาก TFRS16 ในด้านค่าใช้จ่ายดอกเบี้ยที่เกี่ยวข้องกับสัญญาเช่ากับ JASIF ลดลง เราคงคำแนะนำสำหรับ JAS และปรับราคาเป้าหมายไปในปี 2022 ที่ 3.10 บาท (SOTP) ผลประกอบการที่เลวร้ายที่สุดของ JAS อาจจบแล้ว แต่เราเห็นว่าบริษัทฯ น่าจะประสบปัญหาขาดทุนต่อเนื่องอย่างน้อยอีก 1 ปี เรายังไม่เห็นสัญญาณการฟื้นตัวอย่างมีนัยสำคัญจาก JAS

## KEY STOCK DATA

YE Dec (THB m)	2020	2021E	2022E	2023E
Revenue	18,662	19,133	20,021	20,626
Net profit	(3,126)	(2,014)	(769)	31
EPS (THB)	(0.36)	(0.23)	(0.09)	0.00
vs Consensus (%)	-	nm	nm	nm
EBITDA	10,300	10,980	12,045	12,465
Core net profit	(3,033)	(2,014)	(769)	31
Core EPS (THB)	(0.35)	(0.23)	(0.09)	0.00
Chg. In EPS est. (%)	nm	nm	nm	-
EPS growth (%)	nm	nm	nm	nm
Core P/E (x)	(8.3)	(12.5)	(32.6)	808.7
Dividend yield (%)	8.6	-	-	-
EV/EBITDA (x)	2.9	3.1	2.7	2.6
Price/book (x)	6.4	13.2	22.2	21.6
Net debt/Equity (%)	85.6	258.3	314.3	281.8
ROE (%)	(25.2)	(69.3)	(50.8)	2.7



Share price performance	1 Month	3 Month	12 Month
Absolute (%)	2.8	3.5	8.1
Relative to country (%)	1.7	(2.0)	(20.5)
Mkt cap (USD m)	750		
3m avg. daily turnover (USD m)	6.5		
Free float (%)	45		
Major shareholder	Pete Bodharamik (53%)		
12m high/low (THB)	3.52/2.56		
Issued shares (m)	8,592.82		

Sources: Bloomberg consensus; FSSIA estimates



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บทวิเคราะห์ฉบับนี้แปลมาจากบทวิเคราะห์ของ FSSIA ฉบับวันที่ 19 ตุลาคม 2021

### Investment thesis

Jasmine International is the third largest fixed broadband operator in Thailand which owns around 38% of the market share (only listed company) and provides the fastest download/upload speed in the market.

However, the additional costs at the beginning of 2020 and its lack of a convergence business like ADVANC and TRUE, which also have mobile services, is the company’s weakness that will likely put pressure on it in both the short and medium term.

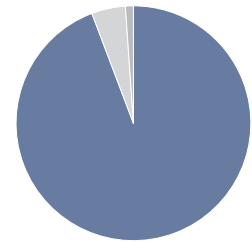
### Company profile

Jasmine International operates four main businesses, including 1) a broadband business; 2) a telecom network & service provider business; 3) a system integration business; and 4) other business.

[www.jasmine.com](http://www.jasmine.com)

### Principal activities (revenue, 2020)

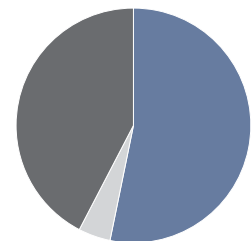
- FBB revenue - 94.2 %
- Service revenue - 4.7 %
- Others - 1.1 %



Source: Jasmine International

### Major shareholders

- Pete Bodharamik - 53.2 %
- Thai NVDR - 4.4 %
- Others - 42.4 %



Source: Jasmine International

### Catalysts

- Massive cost reduction in accordance with the company’s target would improve its bottom line significantly;
- The continuous improvement of its revenue thanks to FBB subscriber growth in Thailand.

### Risks to our call

The key upside and downside risks to our SOTP-based TP include better or worse-than-expected growth in FBB and ARPU and better or worse-than-expected cost reduction.

### Event calendar

Date	Event
Nov-21	3Q21 results announcement

### Key assumptions

Fixed broadband	2020	2021E	2022E	2023E
FBB subscribers (000)	3,415	3,620	3,819	4,010
Growth (%)		6.0	5.5	5.0
ARPU (THB/sub/mth)	442	430	420	413
Growth (%)		(2.6)	(2.3)	(1.7)

Source: FSSIA estimates

### Earnings sensitivity

- For every THB1 increase in ARPU, we project 2021 earnings to rise by 3.1%, and vice versa, all else being equal.
- For every 1% increase in FBB subscribers, we project 2021 earnings to rise by 6.7%, and vice versa, all else being equal.

Source: FSSIA estimates

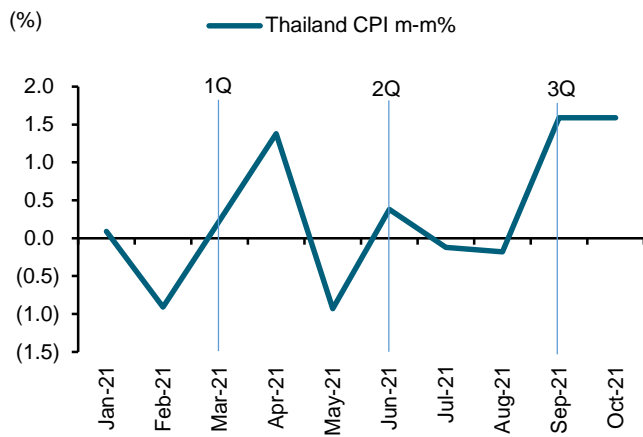


**Exhibit 1: 3Q21E results preview**

	3Q20	2Q21	3Q21E	Change		9M20	9M21E	Change	2021E
	(THB m)	(THB m)	(THB m)	(q-q%)	(y-y%)	(THB m)	(THB m)	(y-y%)	(THB m)
<b>Revenue</b>	<b>4,697</b>	<b>4,733</b>	<b>4,769</b>	<b>1</b>	<b>2</b>	<b>13,993</b>	<b>14,206</b>	<b>2</b>	<b>19,133</b>
Operating costs	(3,344)	(3,639)	(3,509)	(4)	5	(9,838)	(10,069)	2	(13,300)
<b>Gross profit</b>	<b>1,352</b>	<b>1,094</b>	<b>1,260</b>	<b>15</b>	<b>(7)</b>	<b>4,155</b>	<b>4,137</b>	<b>(0)</b>	<b>5,833</b>
SG&A expenses	(1,383)	(1,200)	(1,169)	(3)	(15)	(4,116)	(3,712)	(10)	(5,369)
<b>EBIT</b>	<b>(30)</b>	<b>(106)</b>	<b>91</b>	<b>(186)</b>	<b>(399)</b>	<b>39</b>	<b>425</b>	<b>986</b>	<b>463</b>
Deprn & amort.	2,723	2,740	2,729	(0)	0	8,004	8,197	2	10,517
<b>EBITDA</b>	<b>2,693</b>	<b>2,634</b>	<b>2,820</b>	<b>7</b>	<b>5</b>	<b>8,043</b>	<b>8,622</b>	<b>7</b>	<b>10,980</b>
EBITDA margin (%)	57	56	59	6	3	57	61	nm	57
Interest expense	(1,032)	(987)	(979)	(1)	(5)	(3,143)	(2,957)	(6)	(4,060)
Other income	120	115	113	(1)	(6)	423	338	(20)	598
Associates	278	280	284	1	2	816	847	4	1,111
Extra items	(85)	(59)	0	(100)	(100)	(211)	(131)	(38)	0
<b>Pretax profit</b>	<b>(750)</b>	<b>(756)</b>	<b>(491)</b>	<b>(35)</b>	<b>(35)</b>	<b>(2,075)</b>	<b>(1,478)</b>	<b>(29)</b>	<b>(1,888)</b>
Tax	(38)	(135)	(23)	(83)	(40)	(112)	(187)	66	(113)
Tax rate (%)	5	18	5	(74)	(8)	5	13	nm	6
Minority interests	7	20	20	2	199	11	44	304	13
<b>Net profit</b>	<b>(794)</b>	<b>(910)</b>	<b>(534)</b>	<b>(41)</b>	<b>(33)</b>	<b>(2,199)</b>	<b>(1,709)</b>	<b>(22)</b>	<b>(2,014)</b>
<b>Core net profit</b>	<b>(629)</b>	<b>(852)</b>	<b>(534)</b>	<b>(37)</b>	<b>(15)</b>	<b>(1,736)</b>	<b>(1,579)</b>	<b>(9)</b>	<b>(2,014)</b>
EPS (THB)	(0.09)	(0.11)	(0.06)	(41)	(33)	(0.26)	(0.20)	(22)	(0.23)
Core EPS (THB)	(0.07)	(0.10)	(0.06)	(37)	(15)	(0.20)	(0.18)	(9)	(0.23)

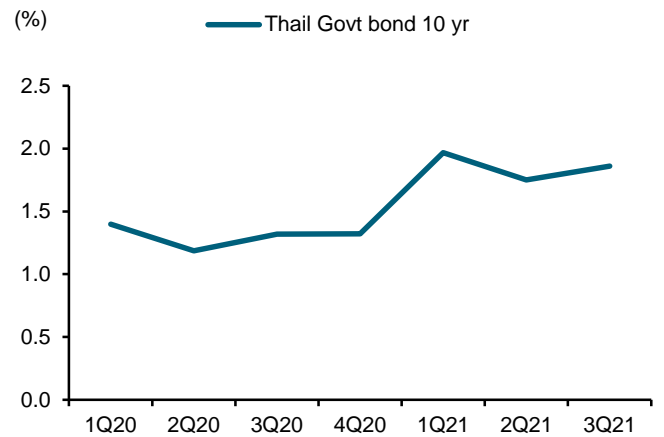
Sources: JAS; FSSIA estimates

**Exhibit 2: Thailand CPI m-m**



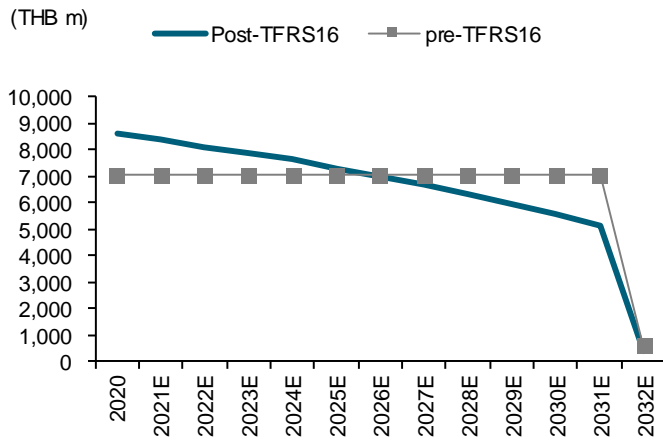
Sources: Bloomberg; FSSIA's compilation

**Exhibit 3: 10-year Thai government bond yield**

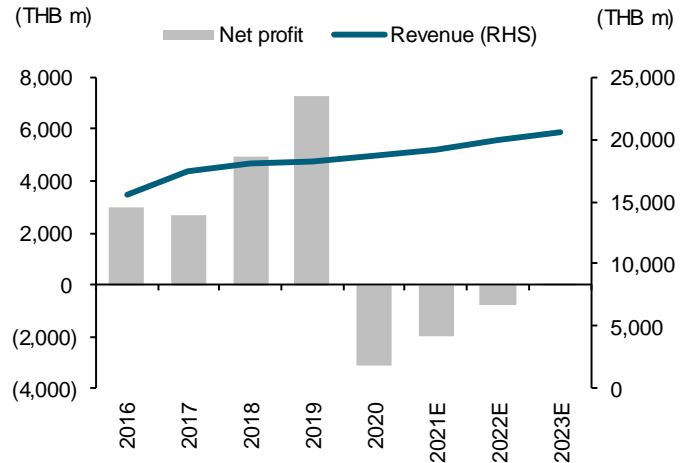


Sources: Bloomberg; FSSIA's compilation

**Exhibit 4: Effect of TFRS16 on JASIF main lease rental cost**



**Exhibit 5: JAS – revenue and net profit forecasts**



Note: The assumption is based on the flat rental rate since 2020 until the end of the contract  
Source: JAS

Sources: JAS; FSSIA estimates

**Exhibit 6: SOTP valuation**

	(THB m)	2022E (THB m)	2023E (THB m)	2024E (THB m)	2025E (THB m)	2026E (THB m)	2027E (THB m)
EBIT		2,047	2,377	2,688	2,784	3,210	3,443
(less) tax		(113)	(12)	(25)	(34)	(63)	(80)
Depreciation & amortisation		10,620	10,734	10,822	10,882	10,653	10,461
(less) capex		(4,350)	(4,850)	(4,850)	(4,850)	(4,850)	(9,500)
Change in net working capital		39	(15)	(26)	(60)	(52)	(79)
<b>Free Cash Flow</b>		<b>8,242</b>	<b>8,235</b>	<b>8,609</b>	<b>8,722</b>	<b>8,897</b>	<b>4,245</b>
WACC (%)	8.9						
Terminal growth (%)	1.0						
PV of FCF		8,242	7,562	7,259	6,753	6,326	2,772
Sum of FCF	38,915						
NPV of terminal value	35,437						
Net debt+cash	(57,182)						
Minority interest	(1,069)						
Equity value	16,101						
<b>19% share in JASIF (75,736 with 20% discount)</b>	<b>10,574</b>						
Total value of JAS	26,674						
No. of shares (m)	8,593						
<b>Equity value / share (THB)</b>	<b>3.10</b>						

Sources: JAS; FSSIA estimates

## Financial Statements

Jasmine International

Profit and Loss (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Revenue	18,175	18,662	19,133	20,021	20,626
Cost of goods sold	(6,492)	(2,778)	(2,783)	(2,798)	(2,932)
<b>Gross profit</b>	<b>11,682</b>	<b>15,884</b>	<b>16,350</b>	<b>17,223</b>	<b>17,694</b>
Other operating income	-	-	-	-	-
Operating costs	(5,660)	(5,584)	(5,369)	(5,178)	(5,229)
<b>Operating EBITDA</b>	<b>6,022</b>	<b>10,300</b>	<b>10,980</b>	<b>12,045</b>	<b>12,465</b>
Depreciation	(5,213)	(10,658)	(10,517)	(10,620)	(10,734)
Goodwill amortisation	0	0	0	0	0
<b>Operating EBIT</b>	<b>809</b>	<b>(358)</b>	<b>463</b>	<b>1,425</b>	<b>1,730</b>
Net financing costs	(1,128)	(4,156)	(4,060)	(3,822)	(3,469)
Associates	772	1,100	1,111	1,133	1,150
Recurring non-operating income	1,198	1,675	1,709	1,755	1,797
Non-recurring items	15,407	(93)	0	0	0
<b>Profit before tax</b>	<b>16,286</b>	<b>(2,933)</b>	<b>(1,888)</b>	<b>(642)</b>	<b>58</b>
Tax	(9,013)	(181)	(113)	(113)	(12)
<b>Profit after tax</b>	<b>7,273</b>	<b>(3,114)</b>	<b>(2,001)</b>	<b>(755)</b>	<b>47</b>
Minority interests	(8)	(12)	(13)	(14)	(16)
Preferred dividends	0	0	0	0	0
Other items	-	-	-	-	-
<b>Reported net profit</b>	<b>7,265</b>	<b>(3,126)</b>	<b>(2,014)</b>	<b>(769)</b>	<b>31</b>
<b>Non-recurring items &amp; goodwill (net)</b>	<b>(6,421)</b>	<b>93</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Recurring net profit</b>	<b>844</b>	<b>(3,033)</b>	<b>(2,014)</b>	<b>(769)</b>	<b>31</b>
<b>Per share (THB)</b>					
Recurring EPS *	0.10	(0.35)	(0.23)	(0.09)	0.00
Reported EPS	0.89	(0.36)	(0.23)	(0.09)	0.00
DPS	2.06	0.25	0.00	0.00	0.00
Diluted shares (used to calculate per share data)	8,165	8,593	8,593	8,593	8,593
<b>Growth</b>					
Revenue (%)	1.0	2.7	2.5	4.6	3.0
Operating EBITDA (%)	(2.8)	71.0	6.6	9.7	3.5
Operating EBIT (%)	(53.7)	nm	nm	207.7	21.4
Recurring EPS (%)	(45.6)	nm	nm	nm	nm
Reported EPS (%)	44.6	nm	nm	nm	nm
<b>Operating performance</b>					
Gross margin inc. depreciation (%)	35.6	28.0	30.5	33.0	33.7
Gross margin of key business (%)	-	-	-	-	-
Operating EBITDA margin (%)	33.1	55.2	57.4	60.2	60.4
Operating EBIT margin (%)	4.4	(1.9)	2.4	7.1	8.4
Net margin (%)	4.6	(16.3)	(10.5)	(3.8)	0.2
Effective tax rate (%)	20.0	20.0	20.0	20.0	120.0
Dividend payout on recurring profit (%)	1,996.8	(70.8)	-	-	-
Interest cover (X)	1.8	0.3	0.5	0.8	1.0
Inventory days	-	-	-	-	-
Debtor days	75.8	63.8	62.5	62.1	61.6
Creditor days	167.3	380.3	417.8	408.0	397.2
Operating ROIC (%)	2.4	(0.5)	0.5	1.6	(0.5)
ROIC (%)	4.5	1.8	2.1	3.2	(1.0)
ROE (%)	4.5	(25.2)	(69.3)	(50.8)	2.7
ROA (%)	2.9	0.4	1.3	2.6	(0.8)
* Pre-exceptional, pre-goodwill and fully diluted					
<b>Revenue by Division (THB m)</b>					
FBB revenue	17,139	17,587	18,026	18,877	19,442
Service revenue	850	871	897	924	952
Others	186	204	210	221	232

Sources: Jasmine International; FSSIA estimates

## Financial Statements

Jasmine International

Cash Flow (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Recurring net profit	844	(3,033)	(2,014)	(769)	31
Depreciation	5,213	10,658	10,517	10,620	10,734
Associates & minorities	(764)	(1,088)	13	14	16
Other non-cash items	1,232	(862)	0	0	0
Change in working capital	(1,711)	(3,463)	(3,470)	(2,816)	(3,367)
<b>Cash flow from operations</b>	<b>4,814</b>	<b>2,212</b>	<b>5,046</b>	<b>7,049</b>	<b>7,414</b>
Capex - maintenance	(990)	(876)	(1,340)	(1,740)	(1,940)
Capex - new investment	(1,484)	(1,314)	(2,010)	(2,610)	(2,910)
Net acquisitions & disposals	52	1,208	0	0	0
Other investments (net)	34,569	566	214	19	19
<b>Cash flow from investing</b>	<b>32,147</b>	<b>(416)</b>	<b>(3,136)</b>	<b>(4,331)</b>	<b>(4,831)</b>
Dividends paid	(4,728)	(14,440)	0	0	0
Equity finance	258	1,320	0	0	0
Debt finance	(3,862)	(5,000)	3,114	(1,000)	(500)
Other financing cash flows	(5,521)	(5,556)	(5,298)	(2,000)	(2,000)
<b>Cash flow from financing</b>	<b>(13,853)</b>	<b>(23,676)</b>	<b>(2,185)</b>	<b>(3,000)</b>	<b>(2,500)</b>
Non-recurring cash flows	-	-	-	-	-
Other adjustments	0	0	0	0	0
<b>Net other adjustments</b>	<b>(9)</b>	<b>(1,010)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Movement in cash</b>	<b>23,100</b>	<b>(22,891)</b>	<b>(275)</b>	<b>(283)</b>	<b>83</b>
Free cash flow to firm (FCFF)	38,090.07	5,951.83	5,969.66	6,539.59	6,052.53
Free cash flow to equity (FCFE)	27,570.55	(9,770.18)	(275.09)	(282.62)	83.32

### Per share (THB)

FCFF per share	4.43	0.69	0.69	0.76	0.70
FCFE per share	3.21	(1.14)	(0.03)	(0.03)	0.01
Recurring cash flow per share	0.80	0.66	0.99	1.15	1.25

Balance Sheet (THB m) Year Ending Dec	2019	2020	2021E	2022E	2023E
Tangible fixed assets (gross)	60,321	123,962	127,312	131,662	136,512
Less: Accumulated depreciation	(25,019)	(35,063)	(45,580)	(56,200)	(66,934)
<b>Tangible fixed assets (net)</b>	<b>35,302</b>	<b>88,899</b>	<b>81,732</b>	<b>75,462</b>	<b>69,578</b>
<b>Intangible fixed assets (net)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Long-term financial assets	874	549	353	353	353
Invest. in associates & subsidiaries	3,998	3,669	3,669	3,669	3,669
Cash & equivalents	24,035	1,144	868	586	669
A/C receivable	3,326	3,199	3,355	3,456	3,504
Inventories	0	0	0	0	0
Other current assets	588	917	935	953	972
<b>Current assets</b>	<b>27,949</b>	<b>5,260</b>	<b>5,158</b>	<b>4,995</b>	<b>5,145</b>
Other assets	1,751	1,371	1,412	1,454	1,498
<b>Total assets</b>	<b>69,874</b>	<b>99,747</b>	<b>92,324</b>	<b>85,933</b>	<b>80,242</b>
Common equity	20,152	3,915	1,900	1,131	1,162
Minorities etc.	1,032	1,041	1,054	1,069	1,084
<b>Total shareholders' equity</b>	<b>21,184</b>	<b>4,956</b>	<b>2,955</b>	<b>2,200</b>	<b>2,246</b>
Long term debt	2,780	0	5,500	5,500	5,000
Other long-term liabilities	28,569	76,425	71,284	66,521	61,201
<b>Long-term liabilities</b>	<b>31,350</b>	<b>76,425</b>	<b>76,784</b>	<b>72,021</b>	<b>66,201</b>
A/C payable	2,516	3,274	3,097	3,159	3,223
Short term debt	2,445	5,386	3,000	2,000	2,000
Other current liabilities	12,379	9,705	6,488	6,553	6,573
<b>Current liabilities</b>	<b>17,340</b>	<b>18,366</b>	<b>12,585</b>	<b>11,712</b>	<b>11,795</b>
<b>Total liabilities and shareholders' equity</b>	<b>69,874</b>	<b>99,747</b>	<b>92,324</b>	<b>85,933</b>	<b>80,242</b>
Net working capital	(10,981)	(8,863)	(5,296)	(5,303)	(5,319)
Invested capital	30,944	85,625	81,870	75,635	69,778

\* Includes convertibles and preferred stock which is being treated as debt

### Per share (THB)

Book value per share	2.47	0.46	0.22	0.13	0.14
Tangible book value per share	2.47	0.46	0.22	0.13	0.14

### Financial strength

Net debt/equity (%)	(88.8)	85.6	258.3	314.3	281.8
Net debt/total assets (%)	(26.9)	4.3	8.3	8.0	7.9
Current ratio (x)	1.6	0.3	0.4	0.4	0.4
CF interest cover (x)	26.8	(1.0)	1.4	1.6	1.9

Valuation	2019	2020	2021E	2022E	2023E
<b>Recurring P/E (x) *</b>	<b>28.3</b>	<b>(8.3)</b>	<b>(12.5)</b>	<b>(32.6)</b>	<b>808.7</b>
<b>Recurring P/E @ target price (x) *</b>	<b>30.0</b>	<b>(8.8)</b>	<b>(13.2)</b>	<b>(34.6)</b>	<b>858.6</b>
Reported P/E (x)	3.3	(8.0)	(12.5)	(32.6)	808.7
Dividend yield (%)	70.7	8.6	-	-	-
Price/book (x)	1.2	6.4	13.2	22.2	21.6
Price/tangible book (x)	1.2	6.4	13.2	22.2	21.6
EV/EBITDA (x) **	1.0	2.9	3.1	2.7	2.6
EV/EBITDA @ target price (x) **	1.3	3.1	3.2	2.9	2.7
EV/invested capital (x)	0.2	0.4	0.4	0.4	0.5

\* Pre-exceptional, pre-goodwill and fully diluted \*\* EBITDA includes associate income and recurring non-operating income

Sources: Jasmine International; FSSIA estimates

## Corporate Governance report of Thai listed companies 2020

EXCELLENT LEVEL										
AAV	ADVANC	AF	AIRA	AKP	AKR	ALT	AMA	AMATA	AMATAV	ANAN
AOT	AP	ARIP	ARROW	ASP	BAFS	BANPU	BAY	BCP	BCPG	BDMS
BEC	BEM	BGRIM	BIZ	BKI	BLA	BOL	BPP	BRR	BTS	BWG
CENTEL	CFRESH	CHEWA	CHO	CIMBT	CK	CKP	CM	CNT	COL	COMAN
COTTO	CPALL	CPF	CPI	CPN	CSS	DELTA	DEMCO	DRT	DTAC	DTC
DV8	EA	EASTW	ECF	ECL	EGCO	EPG	ETE	FNS	FPI	FPT
FSMART	GBX	GC	GCAP	GEL	GFPT	GGC	GPSC	GRAMMY	GUNKUL	HANA
HARN	HMPRO	ICC	ICI	III	ILINK	INTUCH	IRPC	IVL	JKN	JSP
JWD	K	KBANK	KCE	KKP	KSL	KTB	KTC	LANNA	LH	LHFG
LIT	LPN	MAKRO	MALEE	MBK	MBKET	MC	MCOT	METCO	MFEC	MINT
MONO	MOONG	MSC	MTC	NCH	NCL	NEP	NKI	NOBLE	NSI	NVD
NYT	OISHI	ORI	OTO	PAP	PCSGH	PDJ	PG	PHOL	PLANB	PLANET
PLAT	PORT	PPS	PR9	PREB	PRG	PRM	PSH	PSL	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QTC	RATCH	RS	S	S & J	SAAM
SABINA	SAMART	SAMTEL	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SDC
SEAFCO	SEOIL	SE-ED	SELIC	SENA	SIRI	SIS	SITHAI	SMK	SMPC	SNC
SONIC	SORKON	SPALI	SPI	SPRC	SPVI	SSSC	SST	STA	SUSCO	SUTHA
SVI	SYMC	SYNTEC	TACC	TASCO	TCAP	TFMAMA	THANA	THANI	THCOM	THG
THIP	THRE	THREL	TIP	TIPCO	TISCO	TK	TKT	TTB	TMILL	TNDT
TNL	TOA	TOP	TPBI	TQM	TRC	TSC	TSR	TSTE	TSTH	TTA
TTCL	TTW	TU	TVD	TVI	TVO	TWPC	U	UAC	UBIS	UV
VGI	VIH	WACOAL	WAVE	WHA	WHAUP	WICE	WINNER	TRUE		

VERY GOOD LEVEL										
2S	ABM	ACE	ACG	ADB	AEC	AEONTS	AGE	AH	AHC	AIT
ALLA	AMANAHA	AMARIN	APCO	APCS	APURE	AQUA	ASAP	ASEFA	ASIA	ASIAN
ASIMAR	ASK	ASN	ATP30	AUCT	AWC	AYUD	B	BA	BAM	BBL
BFIT	BGC	BJC	BJCHI	BROOK	BTW	CBG	CEN	CGH	CHARAN	CHAYO
CHG	CHOTI	CHOW	CI	CIG	CMC	COLOR	COM7	CPL	CRC	CRD
CSC	CSP	CWT	DCC	DCON	DDD	DOD	DOHOME	EASON	EE	ERW
ESTAR	FE	FLOYD	FN	FORTH	FSS	FTE	FVC	GENCO	GJS	GL
GLAND	GLOBAL	GLOCON	GPI	GULF	GYT	HPT	HTC	ICN	IFS	ILM
IMH	INET	INSURE	IRC	IRCP	IT	ITD	ITEL	J	JAS	JCK
JCKH	JMART	JMT	KBS	KCAR	KGI	KIAT	KOOL	KTIS	KWC	KWM
L&E	LALIN	LDC	LHK	LOXLEY	LPH	LRH	LST	M	MACO	MAJOR
MBAX	MEGA	META	MFC	MGT	MILL	MITSIB	MK	MODERN	MTI	MVP
NETBAY	NEX	NINE	NTV	NWR	OCC	OGC	OSP	PATO	PB	PDG
PDI	PICO	PIMO	PJW	PL	PM	PPP	PRIN	PRINC	PSTC	PT
QLT	RCL	RICHY	RML	RPC	RWI	S11	SALEE	SAMCO	SANKO	SAPPE
SAWAD	SCI	SCP	SE	SEG	SFP	SGF	SHR	SIAM	SINGER	SKE
SKR	SKY	SMIT	SMT	SNP	SPA	SPC	SPCG	SR	SRICHA	SSC
SSF	STANLY	STI	STPI	SUC	SUN	SYNEX	T	TAE	TAKUNI	TBSP
TCC	TCMC	TEAM	TEAMG	TFG	TIGER	TITLE	TKN	TKS	TM	TMC
TMD	TMI	TMT	TNITY	TNP	TNR	TOG	TPA	TPAC	TPCORP	TPOLY
TPS	TRITN	TRT	TRU	TSE	TVT	TWP	UEC	UMI	UOBKH	UP
UPF	UPOIC	UT	UTP	UWC	VL	VNT	VPO	WIJK	WP	XO
YUASA	ZEN	ZIGA	ZMICO							

GOOD LEVEL										
7UP	A	ABICO	AJ	ALL	ALUCON	AMC	APP	ARIN	AS	AU
B52	BC	BCH	BEAUTY	BGT	BH	BIG	BKD	BLAND	BM	BR
BROCK	BSBM	BSM	BTNC	CAZ	CCP	CGD	CITY	CMAN	CMO	CMR
CPT	CPW	CRANE	CSR	D	EKH	EP	ESSO	FMT	GIFT	GREEN
GSC	GTB	HTECH	HUMAN	IHL	INOX	INSET	IP	JTS	JUBILE	KASET
KCM	KKC	KUMWEL	KUN	KWG	KYE	LEE	MATCH	MATI	M-CHAI	MCS
MDX	MJD	MM	MORE	NC	NDR	NER	NFC	NNCL	NPK	NUSA
OCEAN	PAF	PF	PK	PLE	PMTA	POST	PPM	PRAKIT	PRECHA	PRIME
PROUD	PTL	RBF	RCI	RJH	ROJNA	RP	RPH	RSP	SF	SFLEX
SGP	SISB	SKN	SLP	SMART	SOLAR	SPG	SQ	SSP	STARK	STC
SUPER	SVOA	TC	TCCC	THMUI	TIW	TNH	TOPP	TPCH	TIPIP	TPLAS
TTI	TYCN	UKEM	UMS	VCOM	VRANDA	WIN	WORK	WPH		

## Description

## Score Range

Excellent

90-100

Very Good

80-89

Good

70-79

## Disclaimer:

The disclosure of the survey results of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey results may be changed after that date. FSS International Investment Advisory Company Limited does not confirm nor certify the accuracy of such survey results.

\* CGR scoring should be considered with news regarding wrong doing of the company or director or executive of the company such unfair practice on securities trading, fraud, and corruption SEC imposed a civil sanction against insider trading of director and executive; \*\* delisted

Source: Thai Institute of Directors Association (IOD); FSSIA's compilation



## Anti-corruption Progress Indicator 2020

CERTIFIED										
2S	ADVANC	AI	AIE	AIRA	AKP	AMA	AMANAHA	AP	AQUA	ARROW
ASK	ASP	AYUD	B	BAFS	BANPU	BAY	BBL	BCH	BCP	BCPG
BGC	BGRIM	BJCHI	BKI	BLA	BPP	BROOK	BRR	BSBM	BTS	BWG
CEN	CENTEL	CFRESH	CGH	CHEWA	CHOTI	CHOW	CIG	CIMBT	CM	CMC
COL	COM7	CPALL	CPF	CPI	CPN	CSC	DCC	DELTA	DEMCO	DIMET
DRT	DTAC	DTC	EASTW	ECL	EGCO	FE	FNS	FPI	FPT	FSS
FTE	GBX	GC	GCAP	GEL	GFPT	GGC	GJS	GPSC	GSTEEL	GUNKUL
HANA	HARN	HMPRO	HTC	ICC	ICHI	IFS	INET	INSURE	INTUCH	IRPC
ITEL	IVL	K	KASET	KBANK	KBS	KCAR	KCE	KGI	KKP	KSL
KTB	KTC	KWC	L&E	LANNA	LHFG	LHK	LPN	LRH	M	MAKRO
MALEE	MBAX	MBK	MBKET	MC	MCOT	MFC	MFEC	MINT	MONO	MOONG
MPG	MSC	MTC	MTI	NBC	NEP	NINE	NKI	NMG	NNCL	NSI
NWR	OCC	OCEAN	OGC	ORI	PAP	PATO	PB	PCSGH	PDG	PDI
PDJ	PE	PG	PHOL	PL	PLANB	PLANET	PLAT	PM	PPP	PPPM
PPS	PREB	PRG	PRINC	PRM	PSH	PSL	PSTC	PT	PTG	PTT
PTTEP	PTTGC	PYLON	Q-CON	QH	QLT	QTC	RATCH	RML	RWI	S & J
SABINA	SAT	SC	SCB	SCC	SCCC	SCG	SCN	SEAOIL	SE-ED	SELIC
SENA	SGP	SIRI	SITHAI	SMIT	SMK	SMPC	SNC	SNP	SORKON	SPACK
SPC	SPI	SPRC	SRICHA	SSF	SSSC	SST	STA	SUSCO	SVI	SYNTEC
TAE	TAKUNI	TASCO	TBSP	TCAP	TCMC	TFG	TFI	TFMAMA	THANI	THCOM
THIP	THRE	THREL	TIP	TIPCO	TISCO	TKT	TTB	TMD	TMILL	TMT
TNITY	TNL	TNP	TNR	TOG	TOP	TPA	TPCORP	TPP	TRU	TSC
TSTH	TTCL	TU	TVD	TVI	TVO	TWPC	U	UBIS	UEC	UKEM
UOBKH	UWC	VGI	VIH	VNT	WACOAL	WHA	WHAUP	WICE	WIJK	XO
ZEN	TRUE									

DECLARED										
7UP	ABICO	AF	ALT	AMARIN	AMATA	AMATAV	ANAN	APURE	B52	BKD
BM	BROCK	BUI	CHO	CI	COTTO	DDD	EA	EFORL	EP	ERW
ESTAR	ETE	EVER	FSMART	GPI	ILINK	IRC	J	JKN	JMART	JMT
JSP	JTS	KWG	LDC	MAJOR	META	NCL	NOBLE	NOK	PK	PLE
ROJNA	SAAM	SAPPE	SCI	SE	SHANG	SINGER	SKR	SPALI	SSP	STANLY
SUPER	SYNEX	THAI	TKS	TOPP	TRITN	TTA	UPF	UV	WIN	ZIGA

Level	
Certified	This level indicates practical participation with thoroughly examination in relation to the recommended procedures from the audit committee or the SEC's certified auditor, being a certified member of Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) or already passed examination to ensure independence from external parties.
Declared	This level indicates determination to participate in the Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC)

**Disclaimer:**

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Note: Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of June 24, 2019) are categorised into: 1) companies that have declared their intention to join CAC, and; 2) companies certified by CAC.

Source: The Securities and Exchange Commission, Thailand; \* FSSIA's compilation

## GENERAL DISCLAIMER

### ANALYST(S) CERTIFICATION

#### Naruedom Mujjalinkool FSS International Investment Advisory Securities Co., Ltd

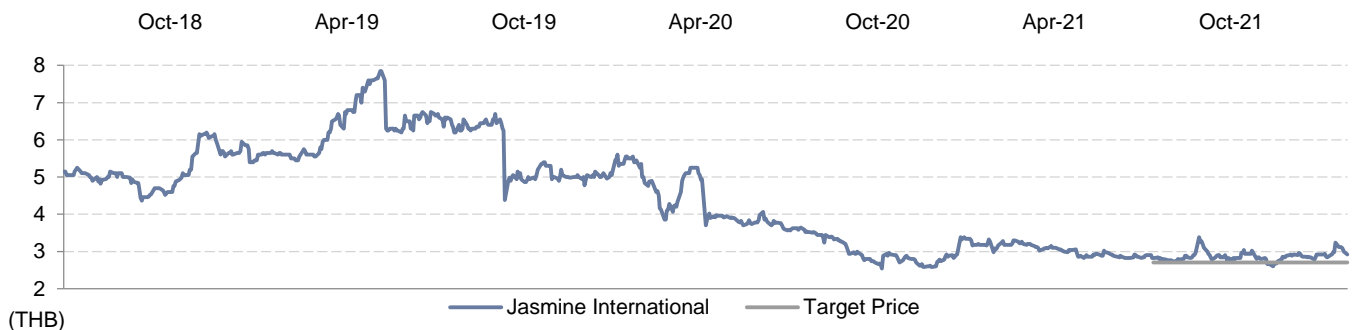
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#### History of change in investment rating and/or target price

##### Jasmine International (JAS TB)



Date	Rating	Target price	Date	Rating	Target price	Date	Rating	Target price
05-May-2021	HOLD	2.70	-	-	-	-	-	-

Naruedom Mujjalinkool started covering this stock from 05-May-2021

Price and TP are in local currency

Source: FSSIA estimates

Company	Ticker	Price	Rating	Valuation & Risks
Jasmine International	JAS TB	THB 2.92	HOLD	The key upside and downside risks to our SOTP-based TP include better or worse-than-expected growth in FBB and ARPU and better or worse-than-expected cost reduction.

Source: FSSIA estimates

#### Additional Disclosures

Target price history, stock price charts, valuation and risk details, and equity rating histories applicable to each company rated in this report is available in our most recently published reports. You can contact the analyst named on the front of this note or your representative at Finansia Syrus Securities Public Company Limited

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All share prices are as at market close on 18-Oct-2021 unless otherwise stated.

## RECOMMENDATION STRUCTURE

### Stock ratings

Stock ratings are based on absolute upside or downside, which we define as  $(\text{target price}^* - \text{current price}) / \text{current price}$ .

**BUY (B).** The upside is 10% or more.

**HOLD (H).** The upside or downside is less than 10%.

**REDUCE (R).** The downside is 10% or more.

Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on market price and the formal recommendation.

\* In most cases, the target price will equal the analyst's assessment of the current fair value of the stock. However, if the analyst doesn't think the market will reassess the stock over the specified time horizon due to a lack of events or catalysts, then the target price may differ from fair value. In most cases, therefore, our recommendation is an assessment of the mismatch between current market price and our assessment of current fair value.

### Industry Recommendations

**Overweight.** The analyst expects the fundamental conditions of the sector to be positive over the next 12 months.

**Neutral.** The analyst expects the fundamental conditions of the sector to be maintained over the next 12 months.

**Underweight.** The analyst expects the fundamental conditions of the sector to be negative over the next 12 months.

### Country (Strategy) Recommendations

**Overweight (O).** Over the next 12 months, the analyst expects the market to score positively on two or more of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

**Neutral (N).** Over the next 12 months, the analyst expects the market to score positively on one of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.

**Underweight (U).** Over the next 12 months, the analyst does not expect the market to score positively on any of the criteria used to determine market recommendations: index returns relative to the regional benchmark, index sharpe ratio relative to the regional benchmark and index returns relative to the market cost of equity.