

# Studio Dragon (253450 KS)

# Expectations for market cap. of W2tr

# **BUY** (Initiate)

Offer Price W35,000 Target Price (Initiate) W53,000 % variance 51.4%

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KOSPI	2	,527.67p
KOSDAQ		785.32p
Face Value		W500
Offered shares	6	,000,000
IPO Date	Nove	ember 24
IPO shares	28	,037,240
Lockup(%)		79.03%
Major Shareholders	CJ E&M	71.33%
	<b>Others</b>	7.27%
Absolute Performance	3M	n.a
	6M	n.a
	12M	n.a
Relative performance	3M	n.a
to KOSPI	6M	n.a
	12M	n.a

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- 2018 consolidated operating profit estimated at W66.1bn (+76.5% YoY)
- Market cap. to range between W1.25tr and W2.1tr
- Initiate coverage with BUY rating and target price of W53,000

#### 2018 consolidated operating profit estimated at W66.1bn (+76.5% YoY)

Studio Dragon is expected to post 2018 consolidated sales of W377.9bn (+33.5% YoY) and operating profit of W66.1bn (+76.5% YoY). The company should continue to benefit from increased drama production (from 22 to 26 dramas). Revenues from distribution rights, a primary revenue source, are projected to jump 48.7% YoY to W180.2bn. Earnings growth may be stagnant in 4017 due to the timing of revenue recognition of a flagship drama series (Hwayuki, to be aired in December), but growth should gain momentum in 1018.

#### Market cap. to range between W1.25tr and W2.1tr

Profit forecasts and the target multiple will likely be revised substantially going forward. Studio Dragon's market cap, will be determined by selling prices of dramas to China and sales volume. The lower end of the market cap. range is estimated to be W1.25tr. We applied a target PER of 25x to 2018F net profit (assuming about W20bn in revenues from China). The target multiple (25x) is a 10% premium to the lower end of Showbox's past-two year band and the median of Jcontentree's peak and average multiples. The upper end of the market cap. range is estimated to be W2.1tr, based on W50bn in revenues from China and a target PER of 30x. The target multiple (30x) is the upper end of the past two-year band of Jcontentree and SBS.

Investors should consider other media stocks worth buying given a possible rerating of the sector. Promising stocks are Showbox, Jcontentree and SBS. Showbox is an attractive alternative in view of strong profitability of domestic operations and high visibility of the China business. The shares are also trading in the lower end of the band. Jcontentree is expected to post solid returns upon revaluation of its broadcasting unit. Its market cap. should come to W630bn (excluding net debt) if the broadcasting unit is valued at W600bn (about W300bn based on stake). SBS is seeking both approval of commercial break and relaunch of the Chinese version of Running Man. If the two issues are resolved, a PBR of over 1x looks possible.

#### Initiate coverage with BUY rating and target price of W53,000

We initiate our coverage on Studio Dragon with a BUY rating and target price of W53,000. Investment points are: 1) sales growth of more than 30%; 2) prospect for surging profits via booking of revenues from China; and 3) ideal revenue structure based on production and distribution. Now is the time to focus on growth prospects instead of valuation. Studio Dragon is an attractive media stock.

Year to Dec.	Sales	OP	Pre-tax	NP	EPS	Growth	BPS	PER	EV/EBITDA	PBR	ROE	Net Debt
	(W bn)	(W bn)	(W bn)	(W bn)	(Won)	(%)	(Won)	(X)	(X)	(X)	(%)	Ratio (%)
2015												
2016	154.4	16.6	10.5	8.1	289	n.a	10.8	5.3	25.1	3.4	6.0	12.1
2017F	283.2	37.3	36.2	26.9	959	231.8	13.2	9.5	30.5	10.2	18.0	(6.5)
2018F	377.9	66.1	65.6	49.6	1,768	84.4	17.6	13.1	32.2	16.0	26.4	(23.3)
2019F	447.8	90.5	87.7	66.2	2,363	33.7	20.2	14.8	33.7	17.8	27.0	(38.6)

Source: Company data, Shinhan Investment Corp.













Earnings trend and outlook [K-IFRS consolidated]																
(bn KRW)	1016	2Q16	3Q16	<b>4Q16</b>	1017	2Q17	3Q17	4Q17F	1Q18F	2Q18F	3Q18F	4Q18F	2015	2016	2017F	2018F
<assumptions for="" production=""></assumptions>																
Drama (number)	5.0	4.0	5.0	5.0	5.0	5.0	6.0	6.0	7.0	7.0	6.0	6.0	16.0	19.0	22.0	26.0
<earnings estimates=""></earnings>																
Total revenue	49.5	47.0	46.5	52.5	73.5	63.3	77.5	68.9	97.0	87.8	101.3	91.8	97.4	195.5	283.2	377.9
Production revenue	22.5	22.0	21.0	22.3	24.5	22.0	29.6	30.2	29.1	26.2	35.9	36.4	54.8	87.8	106.3	127.6
Distribution revenue	18.0	18.0	18.5	20.9	34.0	29.0	33.3	24.9	50.1	45.9	47.9	36.3	39.0	75.4	121.2	180.2
Other (PPL) revenue	9.0	7.0	7.0	9.3	15.0	12.3	14.6	13.8	17.8	15.7	17.6	19.1	3.6	32.3	55.7	70.2
<assumptions for="" operations="" overseas=""></assumptions>																
Overseas revenue	12.8	13.0	9.3	9.3	23.0	15.7	11.7	11.8	26.7	20.3	17.2	17.6	23.9	44.2	62.2	81.9
Overseas revenue share (%)	25.8	27.6	19.9	17.6	31.3	24.8	15.2	17.1	27.5	23.2	17.0	19.2	24.5	22.6	22.0	21.7
Japan	2.3	2.3	2.4	2.1	7.5	4.5	2.7	2.3	8.6	5.2	3.3	3.9	8.9	9.1	17.0	21.0
Asia including china	9.8	10.0	6.2	6.3	12.2	9.0	7.5	7.8	16.2	13.0	12.0	11.9	11.0	32.3	36.5	53.1
China	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	7.0	5.0	7.0	6.0	6.0	0.0	22.0
U.S.	0.6	0.6	0.6	8.0	3.2	2.1	1.5	1.6	1.8	2.0	1.8	1.8	3.6	2.6	8.4	7.5
Others	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.3	0.3
COGS	41.3	40.4	38.8	41.3	57.6	50.2	66.5	56.4	72.4	63.9	81.5	73.8	85.7	161.8	230.7	291.6
SG&A costs	2.8	3.3	3.2	3.3	2.8	3.3	4.4	4.5	4.6	4.2	5.6	5.7	9.1	12.6	15.0	20.1
OP	5.4	3.3	4.6	7.8	13.1	9.8	6.6	8.0	19.9	19.7	14.1	12.3	2.6	21.2	37.5	66.1
Pre-tax profit	4.3	2.3	3.8	6.6	13.0	9.3	6.2	7.6	19.9	19.6	13.8	12.2	1.9	17.1	36.2	65.6
NP	3.3	1.8	2.9	5.1	9.6	6.7	4.8	5.9	15.0	14.8	10.5	9.2	1.4	13.0	26.9	49.6
<% YoY growth>																
Sales	100.8	98.3	96.2	107.1	48.5	34.7	66.6	31.2	31.9	38.7	30.8	33.3	(5.5)	100.7	44.8	33.5
OP	4,721.5	TP	325.5	266.9	142.0	193.4	42.9	1.3	51.6	101.3	115.4	55.1	(37.8)	717.1	76.6	76.5
NP	TP	TP	386.5	184.3	190.2	275.0	66.3	16.1	57.5	122.1	117.9	57.4	9.8	802.7	106.7	84.3
<0PM, %>					·								·			
OPM	11.0	7.1	9.9	15.0	17.9	15.5	8.5	11.5	20.5	22.5	14.0	13.4	2.7	10.8	13.2	17.5
NPM	6.6	3.8	6.2	9.6	13.0	10.5	6.2	8.5	15.5	16.9	10.3	10.1	1.5	6.6	9.5	13.1

Source: Company data, Shinhan Investment Corp.

Note: 1) Quarterly earnings are SHIC estimates based on annual figures (quarterly data not available)

2) Sales details based on SHIC estimates

Earnings forecast revision [K-IFRS consolidated]										
		2017F		2018F						
(bn KRW)	Before	After	Change (%)	Before	After	Change (%)				
Sales	239.9	283.2	18.0	312.1	377.9	21.1				
OP	38.8	37.5	(3.4)	66.7	66.1	(0.8)				
NP	27.8	26.9	(3.3)	50.0	49.6	(0.9)				

Source: Shinhan Investment Corp.

 ${\it Note: Annual guidance \ and \ our forecasts \ were \ upgraded \ to \ reflect \ stronger-than-expected \ top-line \ growth \ in \ 3Q17}$ 

PBR valuation based on 2018F EPS: Target price of W53,000							
(bn KRW)	Value	(bn KRW)	Value	(bn KRW)	Value		
2017F NP	26.9	2018F NP	49.6	2019F NP	66.2		
EPS (KRW)	959	EPS (KRW)	1,768	EPS (KRW)	2,362		
Target price (KRW)	29,000	Target price (KRW)	53,000	Target price (KRW)	71,000		
Target PER (x)	30	Target PER (x)	30	Target PER (x)	30		
		Offering price	35,000				
		PER estimate	19.8				

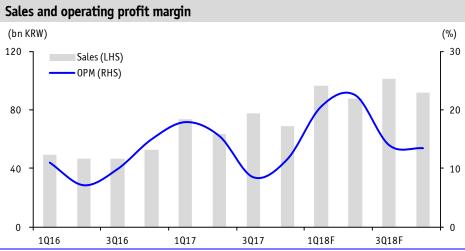
Source: Shinhan Investment Corp.

IPO summary							
	Details						
No. of shares	6,000,000 shares						
Face value	W500						
No. of shares to be listed	28,037,240 shares						
Expected date of IPO	November 24						

Source: DART, Shinhan Investment Corp.

Distribution rights of major dramas sold in China									
Drama title	Selling price (100mn KRW)		Broadcasting						
My Love from the Star	6	HB Entertainment	2H13						
The Heirs	6	Hwa & Dam Pictures	2H13						
Fated to Love You	24	Number Three Pictures, Page One Films	2H14						
Pinocchio	62	iHQ	2H14						
Descendants of the Sun	50+RS	Hwa & Dam Pictures	1H16						
Moon Lovers: Scarlet Heart Ryeo	91	BaramiBunda	2H16						
The Legend of the Blue Sea	Over W10bn	Culture Depot	2H16						
The History of Saimdang	62	Group Eight	1H17						

Source: Media reports, Shinhan Investment Corp.

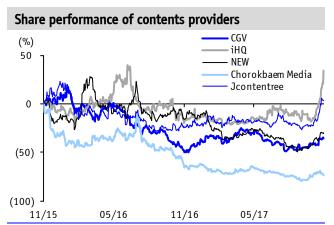


Source: Company data, Shinhan Investment Corp.



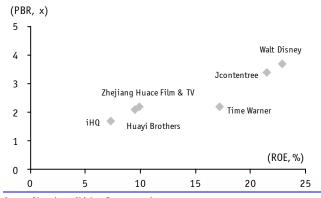
Global pe	ers								
Ticker		036420 KS	003560 KS	160550 KS	047820 KS	DIS US	TWX US	300027 CH	300133 CH
Company		Jcontentree	iHQ	NEW	Chorokbaem Media	Walt Disney	Time Warner	Huayi Brothers	Zhejiang Huace Film & TV
Market cap. (br	n KRW)	578.3	429.7	243.9	93.0	173,378.8	76,050.5	3,727.5	2,856.0
Sales	2016	335.2	109.4	125.7	105.9	64,550.7	34,030.8	608.9	774.0
(bn KRW)	2017F	404.4	118.6	-	-	61,877.4	34,024.6	645.0	891.8
	2018F	473.9	134.0	-	-	64,445.5	35,628.5	792.7	1,072.1
OP .	2016	28.9	11.3	6.6	7.7	16,424.3	8,958.7	59.2	87.0
(bn KRW)	2017F	36.6	14.7	-	-	16,196.5	8,866.7	162.8	117.7
	2018F	47.1	22.2	-	-	16,853.6	9,367.6	211.7	147.6
OP margin	2016	8.6	10.3	5.3	7.3	25.4	26.3	9.7	11.2
(%)	2017F	9.0	12.4	-	-	26.2	26.1	25.2	13.2
	2018F	9.9	16.5	-	-	26.2	26.3	26.7	13.8
NP	2016	19.2	4.4	4.4	4.9	10,879.1	5,336.5	5.0	79.6
(bn KRW)	2017F	16.8	11.6	-	-	10,110.5	5,384.1	146.3	103.2
	2018F	31.7	17.7	-	-	10,361.4	5,652.6	168.8	124.5
Sales growth	2016	(4.2)	3.0	52.2	326.3	10.3	6.9	(12.2)	62.6
(% YoY)	2017F	20.7	8.4	-	-	(4.1)	(0.0)	5.9	15.2
	2018F	17.2	13.0	-	-	4.2	4.7	22.9	20.2
EPS growth	2016	9.7	29.8	309.4	(298.2)	15.1	24.4	(95.3)	(15.8)
(% YoY)	2017F	(21.5)	55.0	-	· · ·	(4.0)	(0.4)	2,725.9	30.9
,	2018F	95.6	50.1	-	-	7.3	5.0	21.9	26.1
P/E	2016	19.2	60.2	69.7	19.6	16.2	16.6	37.9	42.0
(x)	2017F	37.0	36.9	-	-	17.9	14.4	26.6	27.1
	2018F	18.9	24.6	-	-	16.4	13.7	21.8	21.5
P/B	2016	5.2	1.2	2.3	1.3	3.4	3.1	3.4	3.1
(x)	2017F	4.2	1.9	-	-	4.0	2.5	2.3	2.5
	2018F	3.4	1.7	-	-	3.7	2.2	2.1	2.2
EV/EBITDA	2016	16.2	4.4	32.1	9.8	10.1	11.6	80.8	40.8
(x)	2017F	14.9	7.4	-	-	10.7	10.2	22.9	24.8
	2018F	12.9	8.2	-	-	10.2	9.7	18.2	19.6
ROE	2016	26.3	2.0	3.3	7.2	21.4	19.2	0.3	7.4
(%)	2017F	14.4	5.1	-	-	21.6	18.7	8.4	9.0
	2018F	21.5	7.3	-	-	22.9	17.2	9.5	9.9

Source: Bloomberg, Shinhan Investment Corp.



Source: Bloomberg, Shinhan Investment Corp.

# 2018F PBR and ROE of contents providers



Source: Bloomberg, Shinhan Investment Corp.



#### **Balance Sheet**

Year to Dec. (W bn)	2015	2016	2017F	2018F	2019F
Assets		242.0	283.0	336.4	406.2
Total Current Assets		81.4	120.3	163.3	225.1
Cash and Cash Equivalents		11.5	46.4	85.2	143.4
Accounts Receivables		37.0	38.9	40.8	42.8
Inventories		0.0	1.8	2.4	2.8
Non-Current Assets		160.6	162.7	173.0	181.1
Tangible Assets		1.2	1.4	1.9	2.2
Intangible Assets		123.9	125.5	135.1	142.7
Investment Assets		2.3	2.6	2.8	3.0
Other Financial Institutions Assets		0.0	0.0	0.0	0.0
Liabilities		105.9	120.0	123.8	127.4
Current Liabilities		84.5	107.4	110.2	113.1
ST Borrowings		8.1	6.1	6.1	6.1
Account Payables		5.8	4.3	5.2	6.3
Current Portion of LT Debt		0.0	20.0	20.0	20.0
Non-Current Liabilities		21.4	12.7	13.6	14.3
Bonds		19.9	9.9	9.9	9.9
LT Borrowings(incl. LT Fin. Liab.)		0.0	0.0	0.0	0.0
Other Financial Institutions Liab.		0.0	0.0	0.0	0.0
Shareholders' Equity		136.1	163.0	212.6	278.8
Capital Stock		11.0	11.0	11.0	11.0
Capital Surplus		114.7	114.7	114.7	114.7
Other Reserves		2.0	2.0	2.0	2.0
Accu. Other Comp. Income		0.0	0.0	0.0	0.0
Retained Earnings		8.3	35.2	84.8	151.0
Owners of Parent Equity		136.1	163.0	212.6	278.8
Non-Controlling Interests Equity		0.0	0.0	0.0	0.0
*Total Debt		28.1	36.0	36.0	36.0
*Net Debts(Cash)		16.4	(10.6)	(49.5)	(107.7)

#### **Profit and Loss**

FIGURE AND LOSS											
Year to Dec. (W bn)	2015	2016	2017F	2018F	2019F						
Sales		154.4	283.2	377.9	447.8						
Growth (%)		N/A	83.3	33.5	18.5						
COGS		132.8	230.7	291.6	333.6						
Gross Profit		21.6	52.5	86.2	114.2						
Gross margin (%)		14.0	18.5	22.8	25.5						
SG&A		5.0	15.2	19.9	23.7						
Operating Income		16.6	37.3	66.4	90.5						
Growth (%)		N/A	124.4	77.9	36.2						
Operating margin (%)		10.8	13.2	17.6	20.2						
Other Net Non-Operating Profits		(6.1)	(1.2)	(8.0)	(2.7)						
Financial Income(Expenses)		(1.1)	(2.5)	(1.1)	(0.6)						
Net Other Non-Operating Profits		(5.0)	1.3	0.4	(2.1)						
Net Gains in Asso., Subs., and JVs		0.0	0.0	0.0	0.0						
Pre-tax Profit from Cont. Op.		10.5	36.2	65.6	87.7						
Income Taxes		2.4	9.3	16.1	21.5						
Profit from Continuing Op.		8.1	26.9	49.6	66.2						
Profit from Discontinued Op.		0.0	0.0	0.0	0.0						
Net Profit		8.1	26.9	49.6	66.2						
Growth (%)		N/A	230.2	84.3	33.7						
Net Profit margin (%)		5.3	9.5	13.1	14.8						
Net Profit of Parent		8.1	26.9	49.6	66.2						
Net Profit to Non-Controlling		0.0	0.0	0.0	0.0						
Total Comprehensive Income		8.3	26.9	49.6	66.2						
Total Comp. Income of Parent		8.3	26.9	49.6	66.2						
Total Comp. Income to Non-Cont.		0.0	0.0	0.0	0.0						
EBITDA		38.8	86.3	121.8	150.9						
Growth (%)		N/A	122.4	41.1	23.9						
EBITDA Margin (%)		25.1	30.5	32.2	33.7						

Note: Operating profit is based on 2012 K-IFRS (gross profit - SG&A costs)

# **Cash Flow**

Year to Dec. (W bn)	2015	2016	2017F	2018F	2019F
Operating Cash Flow		(12.4)	79.7	105.9	127.4
Net Profit		8.1	26.9	49.6	66.2
Depreciation		0.2	0.0	0.0	0.0
Amortization		22.0	49.0	55.4	60.4
Losses(Gains) on F/X Translation		0.3	0.0	0.0	0.0
Losses(Gains) on Disp. of Assets		0.0	0.0	0.0	0.0
Losses(Gains) in Asso, Subs., JVs		0.0	0.0	0.0	0.0
Chg. in A/L from Op. Activities		(46.1)	2.3	(0.4)	(0.0)
(Payments of Income Taxes)		(1.7)	(9.3)	(16.1)	(21.5)
Others		4.8	10.8	17.4	22.3
Investing Cash Flow		(69.5)	(50.8)	(65.0)	(67.1)
Incr. in Tangible Assets(CAPEX)		(1.1)	(0.2)	(0.5)	(0.3)
Decr. in Tangible Assets		0.0	0.0	0.0	0.0
Decr.(Incr.) in Intangible Assets		(0.1)	(50.6)	(65.0)	(68.0)
Decr.(Incr.) in Investment Assets		(0.3)	(0.3)	(0.2)	(0.2)
Others		(68.0)	0.3	0.7	1.4
Free Cash Flow		N/A	77.6	103.7	127.7
Financing Cash Flow		93.5	6.0	(2.2)	(2.2)
Incr.(Decr.) in Borrowing		27.2	8.0	0.0	0.0
Decr.(Incr.) of Treasury Stock		0.0	0.0	0.0	0.0
Dividend		0.0	0.0	0.0	0.0
Others		66.3	(2.0)	(2.2)	(2.2)
Other Cash Flows		0.0	0.0	0.0	0.0
Change of Consolidated Scope		0.0	0.0	0.0	0.0
Difference by Chg. in F/X Rates		(0.0)	0.0	0.0	0.0
Incr.(Decr.) in Cash		11.5	34.9	38.8	58.1
Beginning Cash		0.0	11.5	46.4	85.2
Ending Cash		11.5	46.4	85.2	143.4

Source: Company data, Shinhan Investment Corp.

#### **Key Ratios**

Key Katios					
Year to Dec.	2015	2016	2017F	2018F	2019F
EPS_C (won)		289	959	1,768	2,363
EPS_P (won)		289	959	1,768	2,363
BPS_C (won)		844	1,011	1,319	1,730
BPS_P (won)		844	1,011	1,319	1,730
DPS (won)					
PER_C (x)					
PER_P (x)					
PBR_C (x)					
PBR_P (x)					
EV/EBITDA (x)					
Payout Ratio (%)					
Dividend Yield (%)					
Profitability					
EBITDA Margin (%)		25.1	30.5	32.2	33.7
OP Margin (%)		10.8	13.2	17.6	20.2
NP Margin (%)		5.3	9.5	13.1	14.8
ROA (%)		3.4	10.2	16.0	17.8
ROE (%)		6.0	18.0	26.4	27.0
ROIC (%)		N/A	24.0	40.6	50.9
Stability					
D/E Ratio (%)		77.8	73.6	58.2	45.7
Net Debt to Equity (%)		12.1	(6.5)	(23.3)	(38.6)
Cash Ratio (%)		13.6	43.2	77.3	126.8
Interest Coverage (x)		19.5	19.2	30.3	41.3
Activity (%)					
Working Capital Turnover (t)			(40.0)	(54.3)	(75.1)
Inventory Turnover (d)			1.2	2.0	2.1
Receivable Turnover (d)			48.9	38.5	34.1
Comment of the Chink on Town	- t t C				

Source: Company data, Shinhan Investment Corp.



## Studio Dragon (253450 KS)

**Share Price Performance** 

**Target Price** 

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Date	Recommendation	Target Price	Target Price Gap (%)	
		(won)	Average	Max/Min

Note: Calculation of target price gap based on the past 6 months

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- **BUY:** Expected return of over +10% in the next 6 months
- ◆ Trading BUY: Expected return of -10% ~ +10% in the next 6 months
- ♦ **HOLD:** Expected return of -20% ~ -10% in the next 6 months
- REDUCE: Expected return of below -20% in the next 6 months
- OVERWEIGHT: Prevalence of BUY rating for stocks in our sector coverage universe based on market cap
- NEUTRAL: Prevalence of HOLD rating for stocks in our sector coverage universe based on market cap
- UNDERWEIGHT: Prevalence of REDUCE rating for stocks in our sector coverage universe based on market cap

### SHIC Universe Rating Classification Ratio (as of Nov. 21, 2017)

BUY (BUY) 92.38% Trading BUY (HOLD) 3.59% HOLD (HOLD) 4.04% REDUCE (SELL) 0%