



October 26, 2018

Palo Alto Networks (PANW)

Michael Grasso

Company: Palo Alto Networks, Inc. is an American multinational cybersecurity company. Its core products includes advanced firewalls and cloud-based offerings that extend those firewalls to cover other aspects of security.

Sector: Information Technology

Industry: Cyber Security

BUY AT \$175

Current Price: \$187 Target Price: \$205 Market Cap: 17.723 B Avg Volume: 1.3 M ROE: 11.34% ROIC: -7.04% WACC: 8.63% Cash/Total Assets: 43.05% Short Interest: 4.8%



Thesis:

Palo Alto Networks is a global enterprise cyber security leader. Also, they are investing in research in other areas such as A.I. and future technology that could a great benefit to their company as well as society as a whole. They are growing and acquiring competition very rapidly as they gain a significant amount more of the market each year. Therefore, a limit buy order at \$175 would be a safe investment due to buying at a price much lower than current valuations.

Catalysts: Forward looking projections that call for positive/negative outlook that will strengthen your thesis. Example:

- Short Term: Finalize acquisition of RedLock
- Mid Term: Gain a larger addressable market
 & restructure selling expenses
- Long Term: Explore other possible acquisitions

Palo Alto Networks: "We have pioneered the next generation of security through our innovative Security Operating Platform that empowers enterprises, service providers, and government entities to secure their organizations by safely enabling applications and data running in their networks, on their endpoints, and in the cloud, and by preventing breaches that stem from targeted cyberattacks."

Earnings & Industry Analysis





Palo Alto Networks is very unique in terms of earnings. The company generates very strong cash flows as can be seen by increasing revenue and gross profit every single year since the IPO occurred in 2012.

11) Adj Highlights	IZ GAAP	Highligh	its 13) t	Earnings	14) Ent	erprise \	/alue	15) Multip	les 16)	Per Shar	e 1/) 9	Stock Valu	ie	
In Millions of USD	2008 Y	2009 Y	2010 Y	2011 Y	2012 Y	2013 Y	2014 Y	2015 Y	2016 Y	2017 Y	2018 Y	Current/LTM	2019 Y Est	2020 Y Est
12 Months Ending	07/31/2008	07/31/2009	07/31/2010	07/31/2011	07/31/2012	07/31/2013	07/31/2014	07/31/2015	07/31/2016	07/31/2017	07/31/2018	07/31/2018	07/31/2019	07/31/2020
Market Capitalization					3,877.1	3,504.7	6,429.9	15,756.2	11,845.5	12,057.9	18,557.1	17,569.0		
	-	.	18.8	40.5	322.6	419.6	772.5	789.0	1,285.6	1,375.0	3,403.4	3,403.4		
+ Preferred & Other	-	-	64.5	64.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
+ Total Debt	-	-	0.0	0.0	0.0	0.0	466.9	487.1	500.2	524.7	1,920.1	1,920.1		
Enterprise Value					3,554.4	3,085.1	6,124.3	15,454.3	11,060.1	11,207.6	17,073.8	16,085.7		
Revenue, Adj	3.1	13.4	48.8	118.6	255.1	396.1	598.2		1,378.5	1,761.6	2,273.1	2,273.1	2,776.1	3,288.6
Growth %, YoY		327.7	265.4	143.1	115.1	55.3	51.0	55.1	48.5	27.8	29.0	29.0	22.1	18.5
	0.3	7.1	33.1	86.3	184.6	286.4	438.6	688.8	1,020.8	1,297.3	1,640.1	1,640.1	2,129.5	2,544.6
Margin %	8.6	53.0	68.0	72.8	72.3	72.3	73.3	74.2	74.1	73.6	72.2	72.2	76.7	77.4
■ EBITDA, Adj		-17.9	-13.5	-6.0	10.0	-5.1	-27.7	-91.7	-102.2	-83.3	38.3	38.3	741.9	931.9
Margin %		-133.8	-27.7	-5.1	3.9	-1.3	-4.6	-9.9	-7.4	-4.7	1.7	1.7	26.7	28.3
Met Income, Adj	-16.2	-19.0	-17.2	-11.1	1.5	-26.9	-73.0	-190.4	-182.7	-185.9	-98.9	-99.1	507.2	639.4
Margin %	-518.5	-142.3	-35.3	-9.4	0.6	-6.8	-12.2	-20.5	-13.3	-10.6	-4.4	-4,4	18.3	19.4
EPS, Adj	-2.56	-2.01	-1.45	-0.78	0.08	-0.40	-0.98	-2.33	-2.10	-2.05	-1.08	-1.09	5.04	6.16
Growth %, YoY		21.5	27.7	46.2			-148.7	-136.9	10.0	2,2	47,4	47.1		22,1
		-13.5	-2.7	32.1	77.4	114.5	88.4	350.3	658.6		1,037.0			
		-1.0	-1.7	-13.0	-14.6	-22.4	-36.1	-33.8			-112.0		-131.3	-142.0
Free Cash Flow		-14.6	-4.4	19.1	62.8	92.1	52.3	316.5	586.1	705.1	925.0	925.0	1,085.6	1,259.3

The cyber security is projected to be valued at \$170 billion dollars by the year 2022 according to marketwatch. Since the use of the internet and technology has been and will continue to drastically increase, this is a market that will not disappear and is showing no signs of stopping. The cybersecurity specialist's fourth-quarter results, released in September, crushed Wall Street estimates due to a rapidly increasing customer base that accelerated its top and bottom line growth. In fact, the company has strung together a series of impressive quarterly reports over the past year that have helped the stock rally more than 60%. Palo Alto's revenue growth is solid, as the customer base is expanding rapidly and clients are spending more money on its services. The high-margin subscription business now forms a bigger part of total revenue, and it has room to grow. This makes Palo Alto a good bet at the moment, as it trades at nearly 48 times forward earnings, which is much lower than the industry average price to earnings ratio of 114. Palo Alto believes that its addressable market will be worth \$24 billion by 2020 as compared to \$19 billion last year, so the company is doing the right thing by covering as much ground as possible. It controlled just 1.9% of the cybersecurity market at the end of fiscal 2012, but a series of four acquisitions over the next five years helped it boost that by 7.3% percent to 9.2% at the end of the 2017 fiscal year. The latest market share numbers aren't in yet, but it seems safe to say, based on its accelerated customer growth, that the company has gained. This industry is very cyclical which explains the price drop from around August of this year when the stock was priced close to \$240 per share. Naturally, this cyclical drop in price should assist with bringing the price down to a more desirable range for investors before the price will naturally go back up. The competition of Palo Alto has followed the same trend in price decline recently. However, this company is one of the leaders which can be seen when comparing market capitalizations, total revenue and growth. The top competitors that are any threat at all are Symantec, Checkpoint Software and Proofpoint, Inc. However, Palo Alto is still larger in size.







Acquisitions and Capital Structure:

Palo Alto Networks first acquisition was announced in January of 2014 when they acquired Morta Security. Morta is a cyber security solutions company which had been operating in a form of stealth mode. The next acquisition took place in March of 2014 when the company took over Cyvera. Cyvera develops cyber defense products that prevent remote attacks on Microsoft-based servers and end-points. The increase in cash flows from the acquisition provided much needed cash for more acquisitions within the next few years. These two took place within such a short time span that the company obviously acquired debt from this. They did in fact pay off a large portion of this debt within the next few years. In May of 2015, CirroSecure was taken over. This set the scene for how large Palo Alto was becoming. Within the past two years, four more companies were acquired. LightCyber was bought out for \$105 million in February of 2017. In 2018, Secdo and Evident.io were acquired for \$100 million and \$300 million respectively. The most current acquisition that is taking place in present time is of the company RedLock for \$173 million. It is evident that the reason Palo Alto holds such a large portion of their cash is for buying out other companies since they do so very frequently. Now that the company can provide new services after its latest acquisitions, it should be able to improve cross-sales to its existing customers and further reduce the marketing outlay. As a result, Palo Alto's margin profile should get better. Debt wise, the company has convertible bonds outstanding which is important to note. Overall, the debt to enterprise value is very small judging on how large the enterprise value and market cap are comparatively.





For the Fiscal Period Ending		12 months Jul	-31-2016	12 months Jul	-31-2017	12 months Jul-31-2018	
Currency		USD		USD		USD	
Units		Millions	% of Total	Millions	% of Total	Millions	% of Tota
Total Debt	±	500.2	35.9%	524.7	40.9%	1,920.1	66.5%
Total Common Equity	d/	894.9	64.1%	759.6	59.1%	966.4	33.5%
Total Capital	do -	1,395.1	100.0%	1,284.3	100.0%	2,886.5	100.0%

For the Fiscal Period Ending		12 months Ju	-31-2016	12 months Ju	-31-2017	12 months Jul-31-2018	
Currency		USD		USD		USD	
Units		Millions	% of Total	Millions	% of Total	Millions	% of Total
Total Senior Bonds and Notes	a a	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Total Principal Due	- J	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Total Debt Outstanding	Ψ -	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Additional Totals							
Total Cash & ST Investments	· ·	1,285.6	£3	1,375.0	250	3,403.4	8.
Net Debt	· ·	(785.4)		(850.3)	(9)	(1,483.3)	
Total Senior Debt	4	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Total Convertible Debt	(i)	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Curr. Port. of LT Debt/Cap. Leases	d)			1000	11111	550.4	28.7%
Long-Term Debt (Incl. Cap. Leases)	4	500.2	100.0%	524.7	100.0%	1,369.7	71.3%
Total Unsecured Debt	4	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Senior Unsecured Bonds and Notes	4	500.2	100.0%	524.7	100.0%	1,920.1	100.0%
Fixed Rate Debt	4)		-	-	- 1	1,369.7	71.3%
Zero Coupon Debt	de la	500.2	100.0%	524.7	100.0%	550.4	28.7%

Growth & Sensitivity

This company is seeing a period of very large growth with around 29% increase in revenue in the past year alone. With all of the acquisitions that this company has invested in, revenue will continue to grow at a steep rate. The gross profit margin appears as if it will stay stable around 75% or increase in the next few years coming. The earnings per share sits around 47.42% which is beneficial for stockholders of Palo Alto. They currently employ around 5400 workers which will continue to grow. This company is very sensitive to changes in revenue, operating costs and the discount rate. By far, the greatest change in the intrinsic value of the stock is caused by a change in the discount rate. This is followed by a revenue being second for having a great effect on the price of the stock. The third great effect on the stock's intrinsic value is the operating costs. This company could benefit from adjustments to operating as well as other costs like selling expenses. In previous years, selling expenses absorbed all of the net income causing the net income for a few consecutive years to go negative. However, the company used some of these expenses to help grow and increase their market influence which clearly has been successful as far as can be seen.

Ownership and Sales

Firstly, hedge funds hold around 15% of Palo Alto's public stock. Judging on how large the market cap is on this stock, that is a very significant amount for an investment. Also, banks holding about 3.3% of this stock is significant as well due to the nature of how banks need safe investments. For business segments, the majority of business is done in the United States which sits around 64%. That follows where the majority of the stockholders are geographically as well considering about 80% of investors are in the United States. This





means that Palo Alto does not have a great amount of influence in other economies to help stabilize itself in the case of a recession in the United States. Palo Alto does a small amount of business in Canada as well which is less than 7%. Canadian investors hold a small portion of this stock as it can be seen around 4%. Increasing international sales would not only boost revenue, but would also help secure the company in other economies in the event of a recession because even though other countries like Canada and the U.K. have an influence on Palo Alto, it could be much greater. One thing to note would be the average open market buy price which is at \$209. The reason behind this is because there's no reason that this stock couldn't see height in their price per share again, especially with new products and new growth that they've acquired.

Compare Current Stats Again	st 10/21/2	18 🖹					
Institutional - Based on Cur		▼		Top Ownership Type (%)		· 6	
51) Institutional	10/21/18	Curr	Change	52) Ownership Type	10/21/18	Curr	Change
11) % of Shares Held	88.99	88.38	-0.61	21) Investment Advisor	70.43	70.32	-0.11
12)% of Float Held	92.14	91.49	-0.65	22) Hedge Fund Manager	15.03	15.07	+0.04
13) # of Institutions	1,047	1,046	-0.10%	23) Pension Fund	4.05	4.05	0.00
14) # of Buyers	336	333	-0.89%	24) Individual	3.70	3.70	0.00
15) # of Sellers	338	344	+1.78%	25) Bank	3.27	3.23	-0.04
16) # of New Buyers	144	143	-0.69%	26) Government	1.31	1.31	0.00
17) # of Selloffs	79	80	+1.27%	27) Sovereign Wealth Fund	0.78	0.85	+0.07
18)% Chg in Inst Positions	-0.10	-0.07	+0.03	28) Insurance Company	0.64	0.68	+0.04
				29) Private Equity	0.37	0.37	0.00
Top Geographic Ownership (%)	· 0		Insider - Based on Last 6 Mo	nths	_	
53) Geographic	10/21/18	Curr	Change	54) Insider	10/21/18	Curr	Change
31) UNITED STATES	79.68	79.74	+0.06	41) % of Shares Held	3.42	3.40	-0.02
32) UNITED KINGDOM	4.01	4.02	+0.01	42) % Chg Insider Positions	-0.92	-1.36	-0.44
33) CANADA	3.79	3.80	+0.01	43) # of Insiders	18	18	0.00%
34) Unknown	3.70	3.70	0.00	44) # of Buyers Opn Mkt	1	1	0.00%
35) JAPAN	2.11	2.11	0.00	45) # of Sellers Opn Mkt	7	7	0.00%
36) SWITZERLAND	1.61	1.61	0.00	46) # of Shrs Bought Opn Mkt	95,650	95,650	0.00%
37) NORWAY	0.81	0.88	+0.07	47) # of Shrs Sold Opn Mkt	597,373	597,373	0.00%
38) LUXEMBOURG	0.87	0.87	0.00	48) Avg Opn Mkt Buy Price	209.15	209.15	0.00%
39) FRANCE	0.70	0.69	-0.01	49) Avg Opn Mkt Sell Price	211.49	211.49	0.00%

Projections:

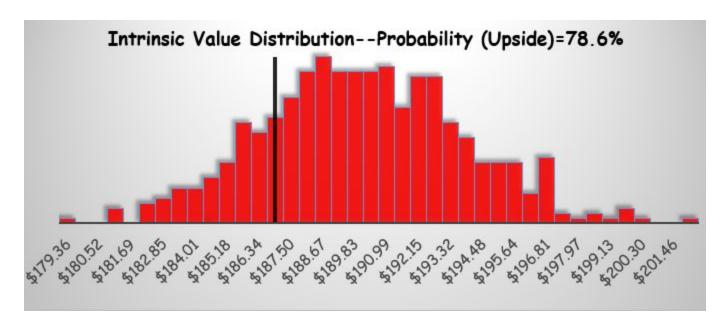
For the most realistic case, the probability of having an upside is around 79% for the intrinsic value of the stock. Also, revenue grows at an average of 8% per year until the continuing period where it converges on 2.5%. There were no adjustments to the projected values to build the most practical model. The pro forma values this stock around \$205 for a target price, which is being very conservative due to the nature of this company as well as the potential that they hold in this growing industry. For the bullish case, the probability for having an upside is 100%. This change is caused solely from a 2% increase in projected revenue for the next 8 years, which goes to show how sensitive this valuation is to a change in revenue. The bear case has a probability of 0%. This is caused by a 2% decrease in revenue for the 8 years. The reason that 8 years was used is to simulate a slight recession in the active market or more pressure from competitors. It is important



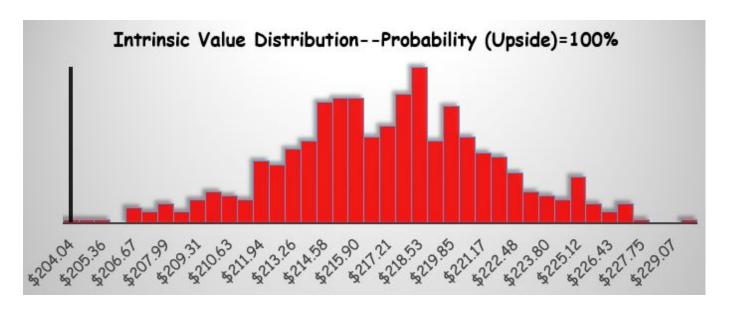


to note that with a recession possible, a slight drop in revenue growth is very possible. However, since Palo Alto is growing at such a strong rate just like their margins, it is unlikely in my opinion.

Realistic Case



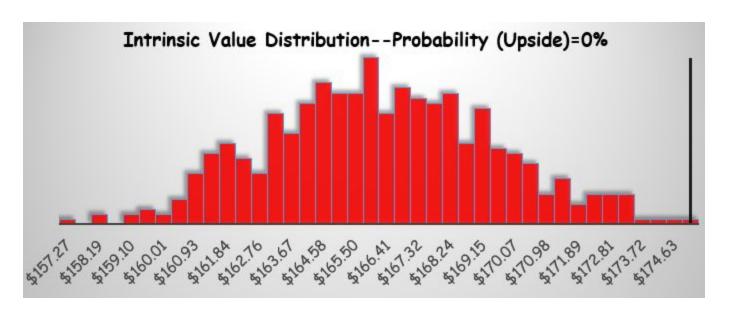
Bull Case



Bear Case





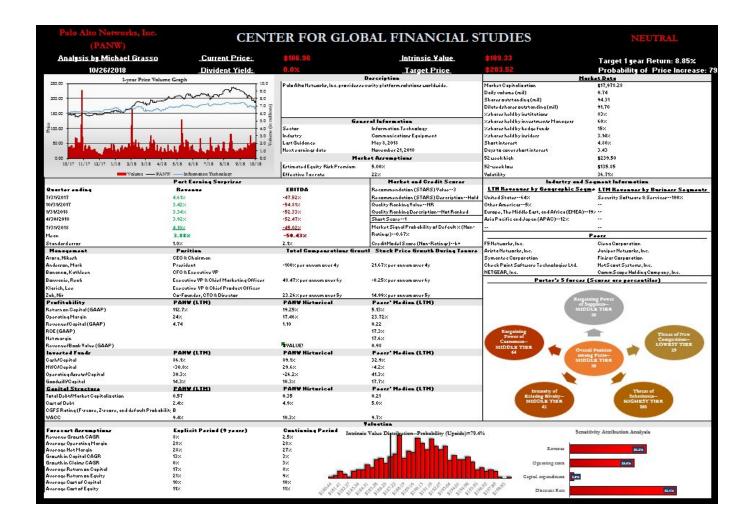


Conclusion:

The common analyst target price estimate on sites like Capital IQ, bloomberg and market watch hover around \$235 - \$250 which is far greater than the valuation completed with the pro forma. Overall, this company generates increasingly stronger cash flows funding multiple acquisitions. This has assisted Palo Alto in becoming an industry leader. As they invest in other potential fields, this could not only generate a huge amount of revenue but research and discover new products in fields like A.I. and machine learning which could drastically change society for more than just one niche of consumer. This could completely reshape the way many different business operate as we know it. This is the cause behind negative income in previous years, due to investments like these. As they continue to acquire other companies, their influence on this specific market will only continue to grow along with their product line. The diversification of their portfolio is another benefit to all of the acquisitions. The only reason for the recent decline in price is due to cyclical factors as well as the unsure attitudes of investors when they heard about the acquisition with RedLock. Now that it is on track to be successful, it shouldn't be too long before the market changes directions and the stock rises in price again.









October, 25 2018

Abiomed: (ABMD)

Eric Munn



Sector: Medical Device Industry: Healthcare

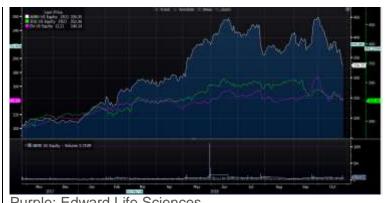
Current Price: Target Price:

Description: Abiomed is essentially a monopoly addressing a highly under penetrated market opportunity with a critical unmet need. This unmet need is the ability to ensure blood flow to critical organs during high-risk procedures on the heart.

BUY/HOLD/SELL

Current Price: \$330.35
 Target Price: \$397.76
 Market Cap: 15B
 EBITDA: 28.4
 WACC: 8.125
 Short Interest Ratio: 1.44

Zero Debt



Purple: Edward Life Sciences Green: ICU Medical Corp

Thesis:

The recent drop in price does not reflect the value of ABMD and is an opportunity to buy. Abiomed has significant opportunity for growth within its current 5B market of 210,000 patients and no direct competition. They have a new indication going through the FDA approval process that could lead to 200,000 new patients and runaway growth.

Catalysts:

- Short Term(within the year): Market penetration within current indications
- Mid to long Term(1-4 years): STEMI Indication continues approval process

Earnings Performance:

Abiomed's marginal EBITDA had a 31% YoY increase from 2017-2018. They are having a massive increase in revenue, which is allowing them to spend more on growing the company, while maintaining this level of EBITDA. They will continue with this trend as their products gain more market exposure.





In Millions of USD	2011 Y	2012 Y	2013 Y	2014 Y	2015 Y	2016 Y	2017 Y	2018 Y	Current/LTM
12 Months Ending	03/31/2011	03/31/2012	03/31/2013	03/31/2014	03/31/2015	03/31/2016	03/31/2017	03/31/2018	06/30/2018
Market Capitalization	547.9	871.5	720.7	1,039.4	2,958.8	4,038.5	5,467.9	12,912.8	14,825.2
- Cash & Equivalents	60.3	77.2	88.1	118.3	146.0	213.1	277.1	399.8	367.4
+ Preferred & Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
# Total Debt	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	0.0
Enterprise Value	487.6	794.2	632.6	921.1	2,812.9	3,825.5	5,207.1	12,513.0	14,457,8
Revenue, Adj	101.2	126.4	158.1	183.6	230.3	329.5	445.3	593.7	641.3
Growth = YoY	18.0	24.9	25.1	16.1	25.4	43.1	35.1	33.3	35.1
Gross Profit, Adj	79.2	101.9	126.5	146.3	190.4	279.1	374.7	495.2	533.7
Margin :	78.3	80.6	80.0	79.7	82.7	84.7	84.1	83.4	83.2
EBITDA, Adj	-7.2	5.9	22.4	17.1	32.5	68.4	96.3	168.1	182.3
Margin 5	-7.2	4.6	14.1	9.3	14.1	20.8	21.6	28.3	28.4
M Net Income, Adj	-12.1	0.8	17.0	11.4	27.9	38.1	55.2	90.2	142.9
M Nargin 1	-11.9	0.7	10.8	6.2	12.1	11.6	12.4	15.2	22.3
In EPS, Adj	-0.33	0.02	0.42	0.28	0.65	0.85	1.24	1.97	3.10
Growth L. YoY	48.2		1,828.4	-33.9	134.2	31.1	45.8	59.0	76.1
Cash from Operations	1.6	3.6	26.4	23.5	43.3	76.8	115.1	192.5	202.9
Capital Expenditures	-1.8	-1.7	-2.8	-2.8	-5.2	-15.6	-50.4	-55.9	-61.2
III Free Cash Flow	-0.2	1.9	23.6	20.7	38.1	61.2	64.7	136.7	141.7

Medical Device Industry Outlook:

The medical device sector has outperformed the healthcare industry. The Centers for Medicare & Medicaid Services National Health Expenditures projects steady growth in Hospital Care at around 5.6 percent, which is up from 4.6 percent over 2016 and 2017. The baby boomer population is getting to the age where they will need more and more healthcare. Heart care is currently #1 in The 2016 American Heart association report predicted heart care expenditures to jump from \$555B in 2016 to \$1.1T by 2035. Major growth is inevitable for Abiomed if they can keep up with the rising demand.

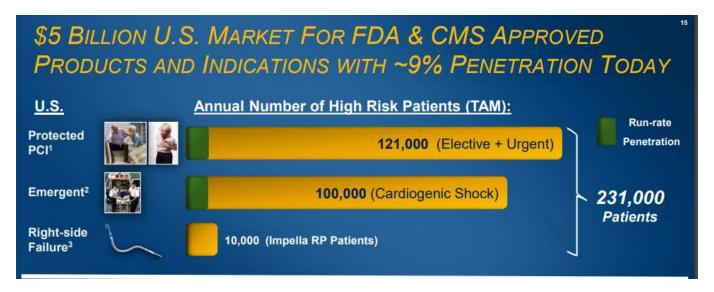
Competition and Market Penetration:

A major plus for investors is the lack of competition Abiomed faces. Impella heart pumps are currently the only FDA PMA approved minimally invasive hemodynamic support devices for high risk PCI or cardiogenic shock. When questioned regarding market entrants, the CEO suggested that any similar device is at least 4 to 6 years out.

The current FDA approved products and their approved indications have a 5 billion dollar annual U.S. market based on number of high-risk patients. Now, what is so exciting about this company's potential for organic growth is its lack of market penetration. Of the 210k potential patients who stand to benefit from treatment from Impella, only 9-10% with the products.







Business Model:

Their business model is set for success. A sales representative convinces the decision makers at a hospital to use the Impella Device. Once they are on board, the hospital orders a few. If the surgeons give positive reviews, they make a reorder.

Something that jumped out was that in the total surgeries where Impella is used, 70% have an Abiomed employee in the operating room. This philosophy induces a relationship between Abiomed and the surgeon and helps to mitigate the risk of improper usage.

The Impella device has proven to lower length of hospital stay and overall hospital stay by reducing complications. Hospitals and surgeons have a goal to save patients' lives, but money runs the world. Reducing costs and saving lives is Abiomed's value proposition.

Training and Marginal Increase in Sales Force:

A major focus in the most recent earnings call was the training of physicians and internal sales force. In Q1 nearly half of the employees came to the commercial kickoff meeting. A combined 750 physicians were educated on product usage either through onsite training or at the heart recovery institutes in Danvers, Massachusetts and Aachen, Germany.

They added fifty-two employees to the company over Q1. Historically Abiomed had 5 to 10 additional distribution employees per quarter. Q1 had 14 hires, which is a 40% increase over the previous quarter. Sales force is the driving force behind growing the hospitals, surgeons, and patients. Management is strategically using the cash flow to increase value.



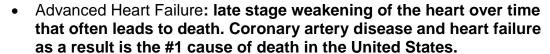


Current Indications and Related Products:

System Explained:

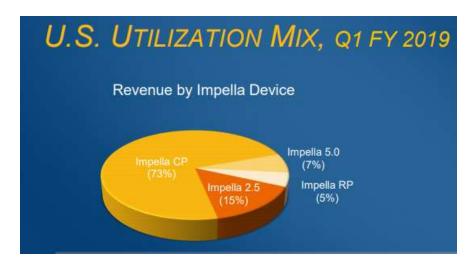
Physicians use Impella devices by inserting a catheter (tube) through an artery or vein, navigating and entering the heart, and artificially pumping blood to essential organs.

Indications:





- 1. Impella 2.5 and Impella CP devices are approved to treat certain advanced heart failure patients undergoing elective and urgent percutaneous coronary interventions (PCI) such as stenting or balloon angioplasty, to re-open blocked coronary arteries.
- 2. Protected PCI is the use of a device like Impella to provide extra blood flow, while a heart blockage is opened with a stent or angioplasty.
- Cardiogenic Shock: extremely low blood flow from the heart. The heart cannot pump enough blood to essential organs. It happens most often after a severe heart attack. It is the #1 Cardiac Mortality Risk.
 - 1. The Impella 2.5®, Impella CP®, Impella CP® with SmartAssist, Impella 5.0® and Impella LD® are FDA-approved heart pumps used to treat heart attack or cardiomyopathy patients in cardiogenic shock, and have the unique ability to enable native heart recovery, allowing patients to return home with their own heart.
 - 2. According to a 2015 to 2018 study done on 11,566 U.S. Patients with acute myocardial infarction cardiogenic shock, which is a severe heart attack with cardiogenic shock, the survival rate increased by 24% since Impella's FDA approval on the Cardiogenic Shock indication. The historical survival rate was at around 50%. Patients and physicians have benefited to a major extent.
- Right Heart Failure
 - 1. Abiomed's right-side heart pump, the Impella RP® device, is FDA approved to treat patients experiencing acute right heart failure or decompensation following left ventricular assist device implantation, myocardial infarction, heart transplant, or open-heart surgery.



Market Share Increase:

In the first quarter of fiscal 2019, Impella adoption in the Protected PCI and cardiogenic shock grew 24% and 37%, respectively.



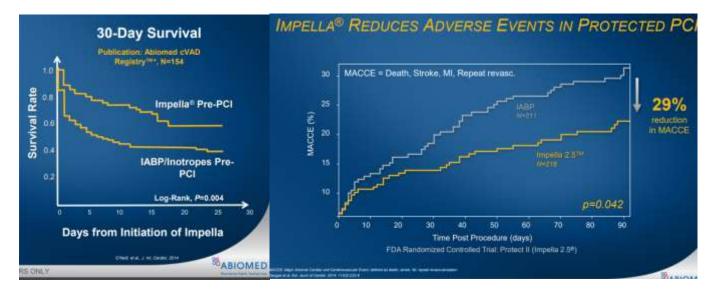


Utilization of Devices:

88% of the revenue comes from the Imella CP and Impella 2.5. The primary use of these devices is in cardiogenic shock and Protected PCI procedures. The figures below show the survival increases in these procedures.

The figure on the left depicts the increase in survival rate versus the older technology for cardiogenic shock.

The figure on the right depicts the increase in survival rate versus older technology for Protected PCI.



Higher Investment in R&D

R&D jumped 26% in Q1 from the previous year. They are focusing on utilizing their revenue to invest in products in the pipeline. The earnings call specifically mentioned the clinical costs for an entirely new indication. The overall R&D expense has continued to grow YoY. Fiscal 2018 had an increase of \$8.9 million, or 13%, to \$75.3 million from \$66.4 million for fiscal 2017.

Abiomed's future cash flows rely on the success rate of their research and development. More successful indications and products available on the market, brings more value to the investors.

Current Product Pipeline:

Impella 5.5: 2018 CE marked. 30-day, ambulatory, wean-able, forward-fl ow unloading heart device with peak flows of more than 6 liters per minute

Impella ECP: blood flow of greater than three liters per minute

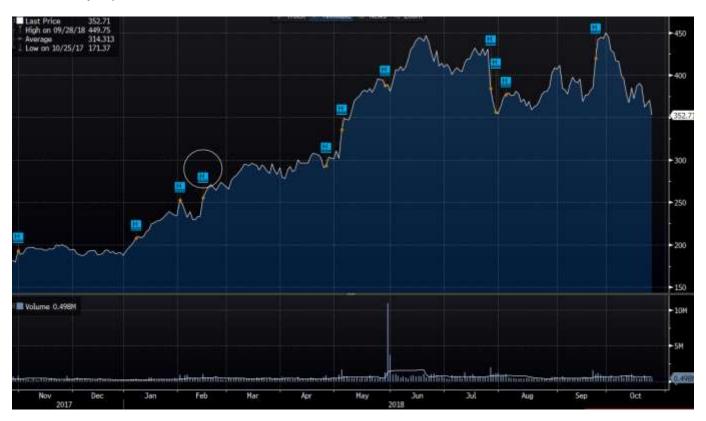
Impella BTR: micro heart pump with integrated motors and sensors





Pre-Clinical Study & New Indication:

On February 14, 2018 the Impella 2.5 and Impella CP heart pumps were given extended FDA approval beyond their previous scope. The price reflected the additional possible revenue. The price below reflects the jump.



STEMI Indication:

STEMI Explained:

STEMI is a type of major heart attack. Abiomed hopes to provide an Impella system that reduces the possibility of heart failure in situations where cardiogenic shock does not occur. The basic idea is to prevent heart failure for patients who have severe heart attacks.

The just completed a feasibility trial, which is test in a small number of patients. The results of the trial will be unveiled on November 1, 2018 at the American Heart Association. Abiomed was tight lipped on the approval for RCT (random clinical trials), but they seem optimistic, because they often mention it in their releases and presentations.

Investor Presentation Information on STEMI:

- FDA approval of feasibility study to evaluate Impella CP® use patients with ST segment elevation myocardial infarction (STEMI), without cardiogenic shock.
- Hypothesis: Unloading may have impact on infarct size related to reperfusion injury in STEMI patients.





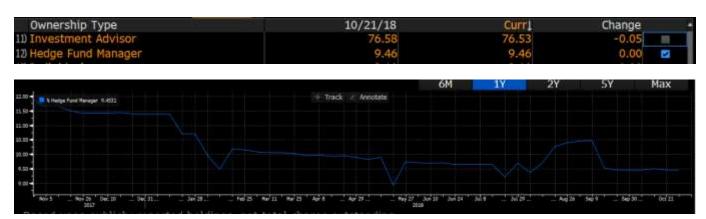
 STEMI patient represents a potenti.al new patient indication (200k / year) that may benefit from Impella unloading the left ventricle.

What does this mean?

The current patient population for Impella devices is 210,000 patients. If approval for STEMI patients happens, Abiomed will have access to 200,000 new patients. The potential market doubling will create runaway growth for Abiomed.

They have shown proven profitability in their other indications. It is important to note that as great of technologies purpose, the bottom line is that physicians need to adopt it. Their increased use of the impella system gives cause for belief in this study and belief in adoption.

Ownership:



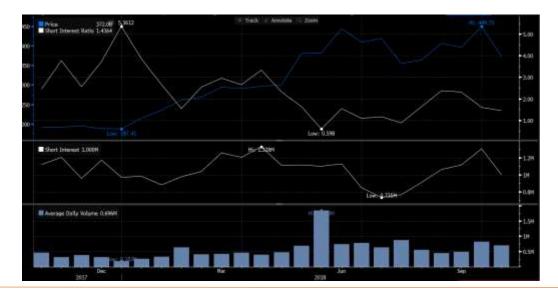
% of Hedge fund managers have fluctuated during this year, but the last two months have been consistent. This means that

Short Interest:

The short interest ratio has trended downward, reflecting positivity on the stock, and/or a possible profit take on their shorts.

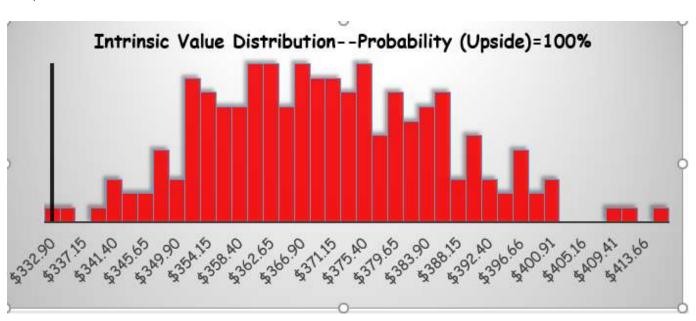






Sensitivity Analysis:

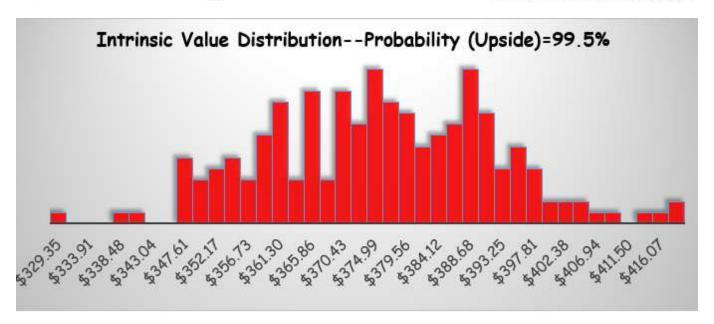
Base Case: Median Analyst Estimates. Intrinsic value at \$369.35 and target at \$397.76



Bullish Case: 1% increase in revenues for 2022 and 2023, STEMI FDA approval happens early. Intrinsic value at \$375.47 and target at \$403.99

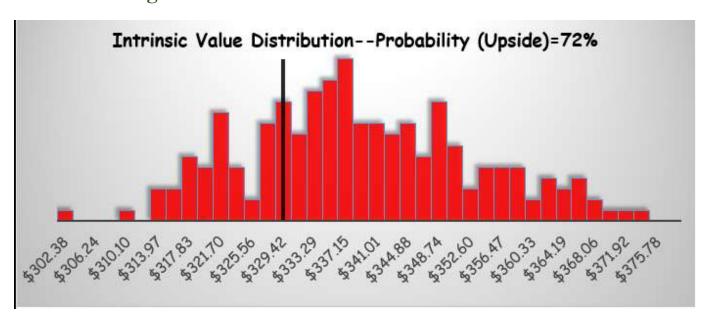






Bearish Case:

STEMI fails and slows growth by 2% for 2022-2028. Intrinsic value at \$337.61 and target at \$363.44.

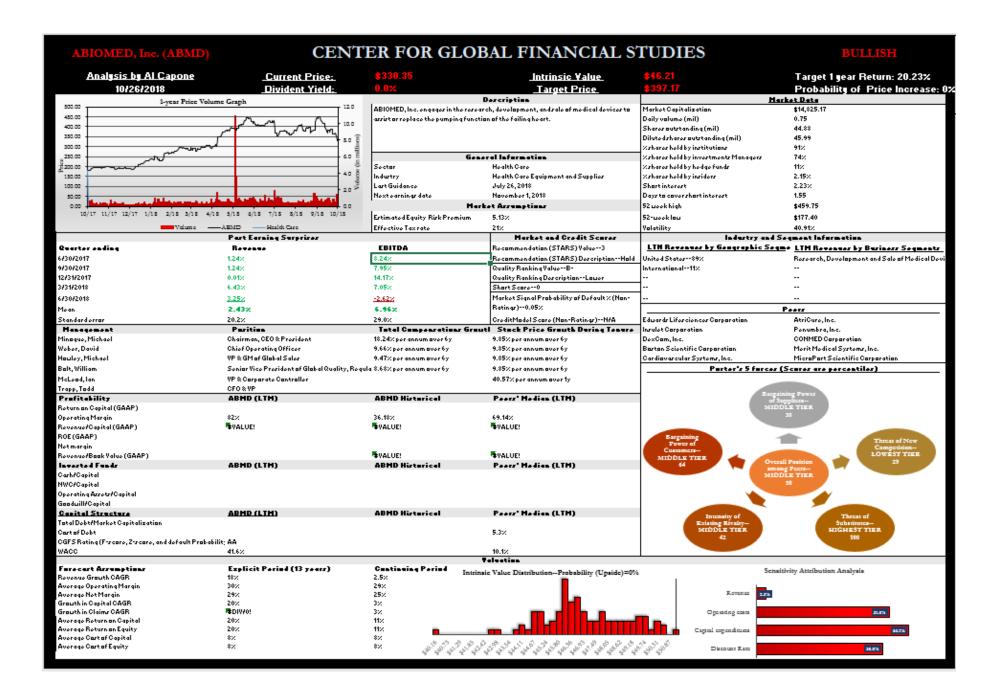


Conclusion:

Abiomed is in position for runaway growth with their business model. They have no current completion, and any comparable device is 4-6 years out at the earliest. They are strategically growing their ability to utilize their remarkable Impella devices with new indications. Their opportunity to double the patients they can reach with the STEMI indication is cause to buy into this company at the current price.









October 25, 2018

Funko, Inc. (FNKO) Samantha St.Germain



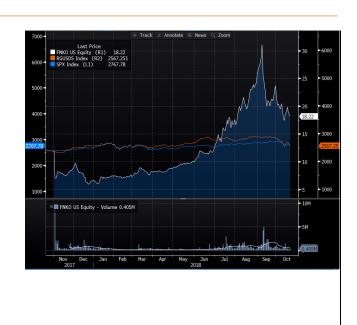
Sector: Consumer Discretionary Industry: Toys and Games Current Price: \$18.84

Target Price: \$23.87

Company Description: Funko, Inc. is a Pop Culture based consumer discretionary firm, creating and distributing licensed products with the belief that everyone is a fan some something. Funko currently holds over 130 licenses to produce Figures, Bags and Accessories, Plush products, Apparel, Homewares, and Consumables.

BUY

Current Price:	\$18.84
Target Price:	\$23.87
Market Cap:	910.4M
Revenue Growth LTM:	29.5%
Gross Profit Margin FY'17:	38.5%
Gross Profit Margin LTM:	39%
EBITA Margin:	16%
ROIC:	2.14
ROIC/WACC:	.75
Growth in Sales/Property:	5%



Thesis: Funko, Inc. is well positioned for growth over the next several years. Not only have they historically seen growth in revenue and improving margins, but they are actively working to expand their market, from geographically to their mix for products and properties. These expansions not only add value for the consumer but also to the investor.

Catalysts: Forward looking projections that call for positive/negative outlook that will strengthen your thesis. Example:

- Working Closely with Distributors as Pop Culture Experts to create products that drive sales and traffic, increasing shelf space and improving location
- Video and new original content will diversify revenue streams and decrease overall royalty payments, reducing costs and improving EBITA margins
- Expansion of International Market with acquisition of Underground Toys Limited
- Strong growth in current properties and a growing portfolio of popular brands





Three Months Ended June 30, Six Months Ended June 30,

Earnings Performance:

For Q2FY18, FNKO increased net sales to \$138.7 million. Sales of their most popular figurine products, which accounts for approximately 83% of revenue, increased from \$87,649 in Q2FY17 to \$114,499, a 30.6% increase. Sales in other categories saw as 41.7% increase in revenue, bringing the total revenue increase

\$ (10,165)
14,677
1,024
14,322
\$ 19,858
981
3,745
8
2,630
4,175
(113)
\$ 31,284

to 32.4% YOY for Q2. Gross margin also increased by 1.2%, bringing it to 38.2%. SG&A costs increased 33% due to business growth linked to the acquisition of Underground Toys, Loungefly, and Funko Animation studios. SG&A is also impacted by royalty payments which range from 10%-15% based on the property. As different properties have different royalty payments, the mix of products sold impacts the overall cost of royalties as compared to sales. CEO Brian Mariotti characterized the results as "The strong top-line momentum we experienced to start the year carried into the second quarter." This momentum will be paramount as Funko actively grows their portfolio and business opportunities with retailers and new markets. For the second quarter,

	Th	ree Months	Ended	l June 30,	P	eriod Over	Period Change
		2018		2017		Oollar	Percentage
Net sales by geography:							
United States	\$	97,108	\$	73,142	\$	23,966	32.8%
Foreign		41,615		31,604		10,011	31.7%
			_	404746	_	22.27	22 40/
Total net sales	\$ Th	138,723 ree Months		104,746		33,977 Period Over	32.4% Period Change
Total net sales					F		Period Change
		ree Months		I June 30,	F	eriod Over	Period Change
Net sales by product:		ree Months	Ended	I June 30,	F	eriod Over	Period Change
Total net sales Net sales by product: Figures Other	Th	ree Months	Ended	I June 30, 2017	F	Period Over Dollar	Period Change Percentage

number of active properties increased 26%. Sales per active property increased 5%.

Relationship with Retailers: Funko has a retail presence in over 25,000 stores worldwide, including Hot Topic, Target, Game Stop, Amazon, and more.

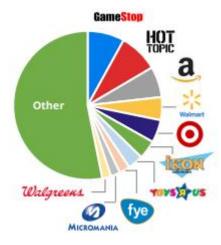
Many retailers expanded shelf space for Funko products, helping US sales increase 33%. Retailers are moving Funko beyond the toy department, giving Funko not only more shelf space and visibility, but also a product placement advantage.

Adding Funko to the Entertainment department of stores such as Target and Walmart separates Funko's figures and other products from toys and makes them seem more collectable. This move fits with the average age of Funko's consumer, which is 35 years old. Of Funko's consumer base, 36% are considered 'Collectors', making the move to the entertainment department more natural. The migration has seen success at Target over the past few years and is currently being implemented at Walmart. Some products which are





Available at >25,000 retail locations



considered more appropriate for the toy department, such as the Five Nights at Freddy's products based on the popular video game, will remain in the toy department.

Funko's reputation as pop culture experts allow them the ability to work directly will retailers to create products to serve their particular needs. Offering exclusive products for certain retail outlets not only drives sales to the retailer, but also drive engagement and recognition for the Funko brand as store will prominently display and advertise exclusive products, driving sales for both entities.

In FY2017, no retailer made up of 10% of Funko's sales. Sales through third party ecommerce sites have increased 75% for the year as of Q2FY18. Funko is not largely dependent on any one retailer, giving them superior bargaining power to competitors. Funko is also looking on increasing it's direct to consumer sales, which will improve margins and decrease dependence on retailers.

Original Content and Video:

Funko Animation Studio is an integral component of their sales growth plan. Funko has found that preorders will increase about 3x if there is a video linked to the new product, with social media engagement increasing by 5x. In 2017, Funko's video shorts had 40 million views, growing to over 90 million so far for 2018. Q2FY18 had 54 million views alone.

With Funko Animation Studio,
Funko has the opportunity to create
it's own original content, similar to
Lego's popular Ninjago series.
Wetmore Forest is Funko's first
attempt into its own, original
creations not based on licensed
products. Currently there is a short
teaser trailer as well as a desktop
game, along with a product line of the
inhabitance of the Wetmore Forest,
including Pop! Figurines, stuffed
animals, and digital collectables.

Based or		ments, shares, retwe	ets, likes and dislikes)				es Hy @C
RANK	PROPERTY/BRAND	ACTIONS II y III G	CONTENT E y @ O	AUDIENCE El y @ D	VIDEO ACTIONS	VIDEOS El y II O	VIDEO VIEWS
1	Funko	11.5M	4K	1.2M	438K	213	4.4M
2	SIDESHOW	917K	2К	568K	317K	117	1M
3	GOOD SMILE COMPANY	799K	952	194K	13K	6	0
4	Hay Tour	611K	221	642K	60K	13	0
5	kidrobot	520K	1K	373K	11K	17	41K

Top collectible toy brands 2017 according to Shareablee. Data retrieved 7/3/17. IMAGE VIA SHAREABLEE.

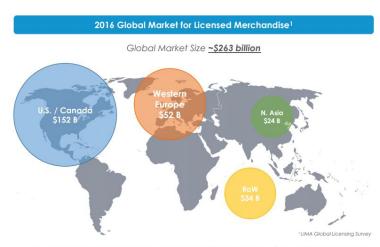
Original content will give Funko additional sources of revenue from the media directly, as well as the option to keep exclusive rights to the licenses for any products. This will also increase margins, as there will not be royalties, which make up an average of 15% of revenue. Royalties as a percent of sales often fluctuate from year to year based on the mix of properties sold for the year. As discussed earlier, Funko is seeing success with it's current animated shorts.





International Expansion:

Funko is focusing expanding sales outside of the United States. In Q2FY18, international sales increased 32%. There has been a 93% increase in European sales alone. Underground Toys was been Funko's European distributor for the two years prior to the acquisition. Underground Toys originates and manufactures toys and other entertainment products. Managing Director of EMEA for Funko Andy Oddie said, "Funko and Underground Toys Limited are a natural fit given our shared commitment to high-quality, stylized pop culture products and we see great opportunities to create compelling cross-



in 2016, international sales accounted for only 20% of Funko's total sales

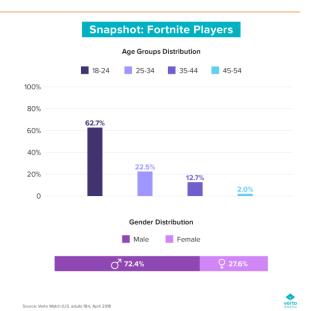
12 Months Ending	12/31/2017			
▼ Revenue	516.1 100.0%			
us US	376.1 72.9%			
lil Rest	140.0 27.1%			

category pop culture offerings by leveraging our combined skills and experience."

In 2016, international sales accounted for 20% of revenue. In 2017 that number increased to 27.1% of revenue. This growth compaired with the accisition of Underground Toys represents Funko's commitment to international growth and expansion. Funko is also working on its ecommerce distribution, which will improve access to Funko products. Direct to consumer sales, including those directly from internet sale (excluding third-party online retailers) accounted for 6% of sales in 2017, but Funko has stated that they intend to grow their direct to consumer sales in the future. This will increase margins and allow geographic regions that previously have not had retail access to Funko products. And as we will talk about next, the addition of properties with global appeal will also help build an international audience.

Growth in New and Existing Properties (Mention turn around and low development costs):

FNKO's success is based on their ability to identify popular franchises and obtain the rights to create strong product lines that fit both the demands of the consumer and the needs of the property. In July 2018, Funko announced two major properties being added to its catalogue that will help to boost short/midterm sales and long-term sales, respectively.



The first property Funko is adding is Epic Game's

Fortnight. One of the biggest games of the year, Fortnite saw 78.3 million gamers play in August 2018, with over 60% under the age of 24. While Hasbro also holds the rights to create Fortnite products, Hasbro's main products seem to be their Official Nerf Fortnite themed blasters and the Monopoly: Fortnite Edition game.





Funko's products will be featured in their iconic Pop! Figures, 5 Star figures, Pint Size Heroes, Vinyl, keychains, and POP! Apparel product lines.



The second major property added to Funko's catalogue was Pokémon. Funko and Pokémon launched their first Pikachu figure in July exclusively at Target. Vice President of marketing at The Pokémon Company International stated, "Pokémon is always looking for the best ways to deliver its popular characters to its fans and the timing is perfect to team up with Funko." Currently, Funko's sales consist of 45% Evergreen products. Evergreen title are those that

are not directly linked to new releases, such as Harry Potter, Classic Disney, and more. While Funko does rely on the strength of pop culture events from year to year, including theatrical (21% of sales) and television releases (18% of sales), the mix of evergreen titles as almost half of sales helps mitigate the risk of weak pop culture title releases. Title like Pokémon also hold international appeal, helping reach audiences and grow sales beyond the United States. 2018 will only see limited distribution of the Pokémon property, with increased rollout in 2019. Both new licenses will be in production by Q3FY18 and Fortnite will be in full production by Q4.

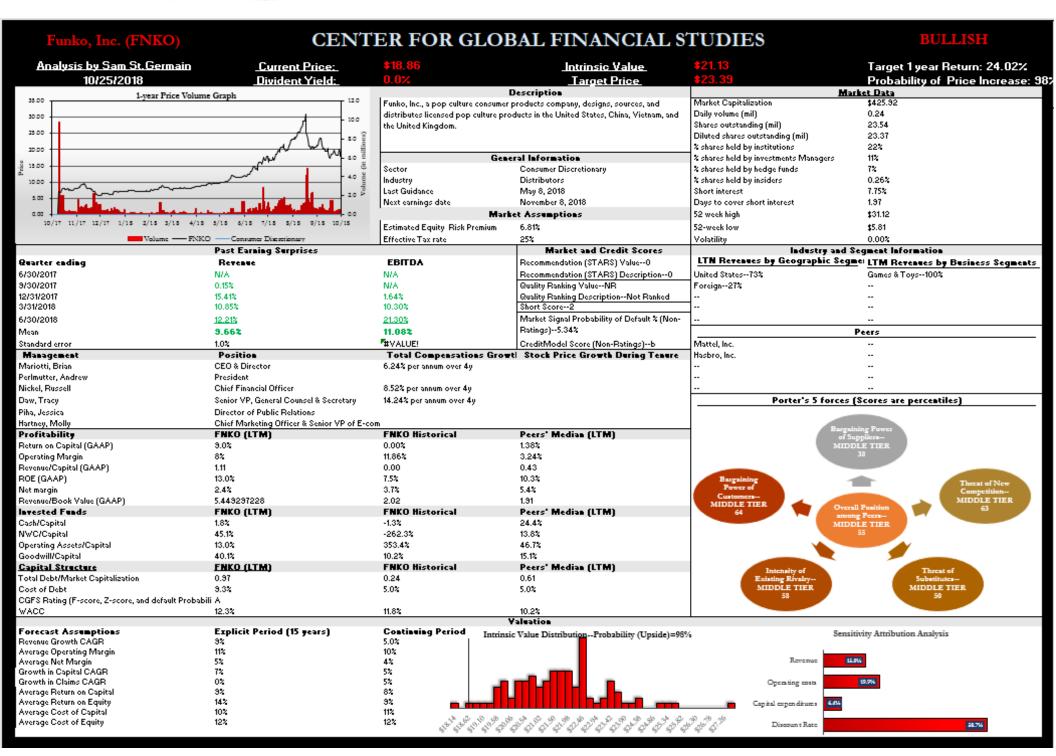
In Q2FY18, Funko increased its number of active properties 26% to 510 properties. Not only did the number of active properties increase, but so did the sales within current properties. Active properties saw and average net sales increase of 5% in Q2, showing that sales are increasing

Conclusion:

Funko is taking active steps to aggressively expand its business. Funko's strong relationship with retailers affords them more shelf space as well as unique position in respects to similar products. Funko also has plans to improve it's ecommerce and direct-to-consumer sales, not only increasing revenue but improving margins as well. With video driving sales and new, original content expanding revenue opportunities, Funko has only just tapped into the power of the media industry and has more to explore, leading to higher sales and improved margins. Opportunities in new markets and properties gives Funko the chance to expand their business and increase sales. Overall, Funko's value lies in both its expansion ability and its opportunity to increase margins.









October 28, 2018

Company Name: Altra Industrial Motion Corp (AIMC)

Marko Stojanovic



Sector: Machinery Components Industry: Industrial Machinery

Current Price:\$31.56 Target Price:\$42-45\$

Altra Industrial Motion Corp is a leading producer and marketer of a wide range of mechanical power transmission products- brakes, clutches, couplings and others. Most of their products are used on industrial machinery such as fail-safe brakes for elevators and forklifts, gearboxes on conveyors, heavy-duty brakes on mining equipment, clutches for beverage capping equipment, etc. Altra is the parent company of several power transmission industry brands, including Ameridrives, Boston Gear, Warner Electric, TB Wood's, Stieber Clutch, Twiflex, Matrix International and Wichita Clutch. The company was found in 2004, and it's headquarters are in Braintree, Massachusetts.

BUY

Current Price: \$31.56 Target Price: \$42.25 Market Cap: 2B

ROIC/WACC: .93 (Comp.: .61) WACC: 9.4% (Comp.:10.6%)

Total Debt: \$256.5M

TD/TE = .61

Last dividend: \$0.17 (Quarter)



Thesis: Altra Industrial Motion Corp has shown ability to keep steady sales and manage the tariff cost that are big concern in the industry. Their earning performances have been outperforming estimates. The revenue is growing; the industry is stabilizing, which implies that this is undervalued company. Drop in price is following the overall economy.

Catalysts:

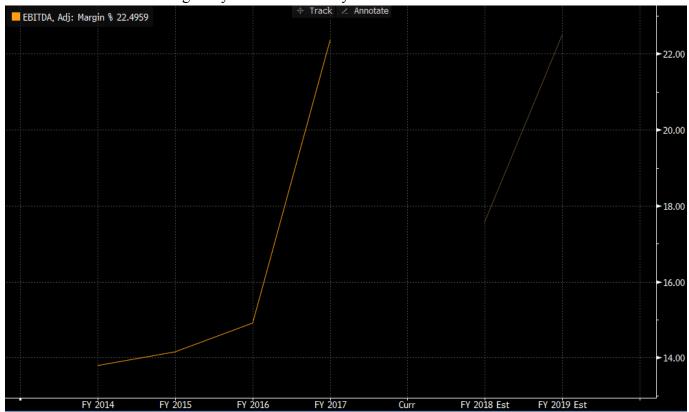
- **Short Term**: De-lever and strength the balance sheet
- Mid Term: Accelerate topline growth
- Long Term: Deliver \$50M to A&S (Automation & Specialty Platform) Integration





Earnings Performance:

Altra Industrial Motion had decline in the revenue growth in 2015 and 2016, however in 2017 they showed 23.7% growth in revenue. Market reacted positively on this and price of stock went up from \$30 to approximately \$40. Their overall success came from acquisition of Stromag and completion of seventh and eight facility that was in their plan for the year. The company has beat estimates in last 8 earnings reports. The last earning report came on October 25th and they reported EPS of \$0.64 and Revenue of \$2.78M. They beat estimate for EPS by \$0.04 and Revenue by \$2.78M. Looking into the forecast for the future earnings, it shows the decline in 2020 but increase in 2019. This forecast is also very biased towards the overall economic situation with China-USA tariff discussion. The EBITDA margin has been growing drastically in last 4 years. In 2014 it was 13.8% and it grew to 22.4% in 2017. It is estimated to drop to 17.6%, but get back to 22.5% in 2019. The Overall we can see that Altra has outperformed the estimates and ability to increase their EBITDA margins by almost 10% in 4 years.







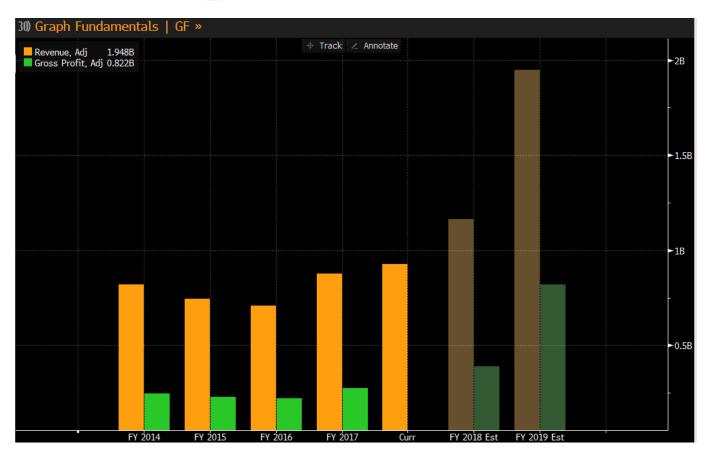


Tariff issues:

The costs are rising due to the tariff that president Trump has proposed on the China's imports. Due to the last tariff propose, Altra Industrial announced in the earning call that direct cost of tariffs are in the range of \$6-\$10M for legacy Altra businesses and in the same magnitude for other business. Even with this cost, Altra has still improve their sales and their gross margin is improving as well. They also protected themselves by various swaps in currency. In the last earning calls, they also mention that they are working very hard to protect themselves from additional cost that could come after the next meeting between Trump and Xi on November 31 and December 1st. As of now, the reports are stating that trade war is off the table for the meeting, however tariffs are set to rise to 25% and it is very likely that there will be some kind of discussion at the meeting. If we look at the Revenue and Gross Margins, we can see that Tariff has very small influences on Altra Industry, while taking away the Tariffs could benefit them drastically.

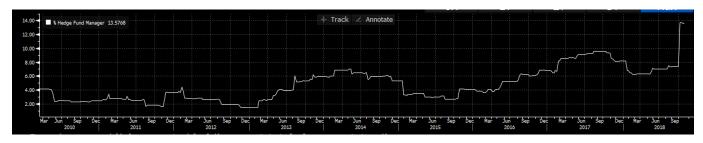






Ownership:

The ownership of Altra is very interesting, if we consider that in last month their average volume of shares per day was about 5 million shares per day, while before August this year it was on average 150K. The head fund position grew from 7.05% to 13.58% since September 28.Headge fund Millennium Management LLC purchased 2.47M shares on 9/28 and took long position right before price dropped .Millennium has \$65.7B under management and is invested in 3890 securities. It shows that they believe in Altra company. Even though this is the main reason for hedge fund position to grow, the chart shows that hedge fund position has been on incline in one year.



Looking in overall one-year ownership, we can see that Investment Advisors has drop by 3.85% and everything else is almost same. It shows that there is trust in this company from very smart people that take high risk in investments.

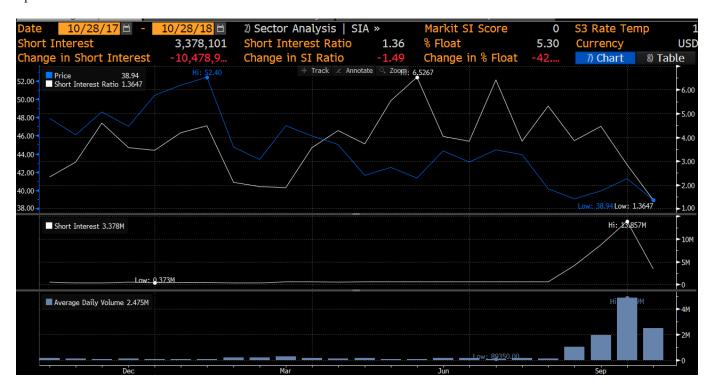




Ownership Type	10/22/17	Curr	Change	
11) Investment Advisor	82.85	79.02	-3.83	
12) Hedge Fund Manager	9.33	13.58	+4.25	
13) Pension Fund	3.12	3.63	+0.51	
14) Individual	2.29	1.98	-0.31	
15) Bank	0.97	0.81	-0.16	
16) Insurance Company	0.98	0.75	-0.23	
17) Government	0.22	0.14	-0.08	
18) Brokerage	0.13	0.03	-0.10	
19) Unclassified	0.02	0.03	+0.01	
20) Other	0	0.03	+0.03	
21) Holding Company	0.02	0.02	0.00	
		6M 1Y	2Y 5Y	Max

Short Interest:

Short interest has very interesting graph. If we follow the price and Interest Ratio, we can see that first drop of the price cause increase of the Short Interest Ratio. This is period between May and September. However, looking at interest ration from September we can see that it has drop down to 1.36 and this could signal that short seller are going to take profit on this and turn it into long position. It signals that people are starting to take long position and believe in the stock price going up in near future. This is good signal that price will go up from now.







Potentials:

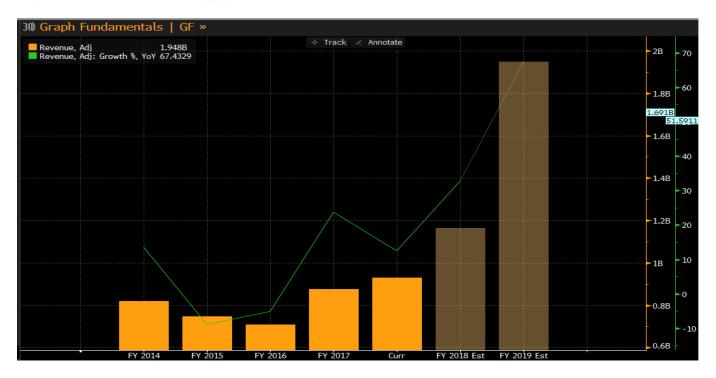
Looking at their financials, we can see growth in almost every aspect of the business. They have beat estimates in last 8 earning calls. They showed the ability to deal with new Tariffs. The meeting between Trump and Xi could potentially help Altra if Trump administration decides to back off from increase on the tariffs. However, even if tariff stays same, we can see that Altra is able to minimize the cost of it. Looking at growth revenue projection for next two years are 32.7% and 67.4%. Their dividends have been growing on average 6.25% with dividend yield of 2.15%. They are planning to use almost all cash to pay off debt and that's their first priority, this would allow them to take different approaches in future investments.

In Millions of USD except Per Share	2014 Y	2015 Y	2016 Y	2017 Y
12 Months Ending	12/31/2014	12/31/2015	12/31/2016	12/31/2017
▼ Revenue	819.8 100.0%	746.7 100.0%	708.9 100.0%	876.7 100.0%
Couplings Clutches & Brakes	396.1 47.9%	342.3 45.4%	305.4 42.7%	441.9 49.9%
Electromagnetic Clutches & Bra	218.6 26.4%	219.7 29.1%	217.9 30.5%	251.5 28.4%
Gearing Gearing	212.6 25.7%	192.3 25.5%	192.0 26.8%	191.8 21.7%
Intersegment Elimination	-7.5	-7.6	-6.4	-8.4
Revenue Including Intersegmen	827.3 100.0%	754.2 100.0%	715.3 100.0%	885.2 100.0%
Couplings Clutches & Brakes	396.1 47.9%	342.3 45.4%	305.4 42.7%	441.9 49.9%
Electromagnetic Clutches & Bra	218.6 26.4%	219.7 29.1%	217.9 30.5%	251.5 28.4%
Gearing Gearing	212.6 25.7%	192.3 25.5%	192.0 26.8%	191.8 21.7%
▼ Percentage of Revenue				_
Couplings Clutches & Brakes	47.90	45.40	_	_
Electromagnetic Clutches & Bra	26.40	29.10	_	_
Gearing Gearing	25.70	25.50	_	_
	75.1 100.0%	64.2 100.0%	47.5 100.0%	81.0 100.0%
Couplings Clutches & Brakes	49.3 52.4%	38.8 47.6%	20.9 29.9%	47.2 48.6%
Electromagnetic Clutches & Bra	22.0 23.4%	21.6 26.6%	26.4 37.7%	27.8 28.6%
Gearing Gearing	22.7 24.1%	21.1 25.9%	22.7 32.4%	22.2 22.9%
Loss on partial settlement of p	_	_	_	-1.7
Restructuring	-1.8	-7.2	-9.8	-4.1
Corporate	-17 1	-10 1	-12 7	-10 4

In Millions of USD except Per Share	2014 Y	2015 Y	2016 Y	2017 Y	
12 Months Ending	12/31/2014	12/31/2015	12/31/2016	12/31/2017	
operating Income	75.1 100.0%				
Couplings Clutches & Brakes Electromagnetic Clutches & Bra	49.3 52.4% 22.0 23.4%				
Gearing	22.7 24.1%				
Loss on partial settlement of p		_	-	-1.7	
Restructuring	-1.8	-7.2	-9.8	-4.1	
Corporate	-17.1	-10.1	-12.7	-10.4	
Operating Margin	-	_	-	-	
Couplings Clutches & Brakes	52.40	47.60	-	-	
Electromagnetic Clutches & Bra	23.40	26.60	-		
Gearing	24.20	25.80	-		
Restructuring Charges	1.8 100.0%	7.2 100.0%	9.8 100.0%	3.5 100.0%	
Couplings Clutches & Brakes	0.4 26.7%	2.5 35.1%	7.3 82.3%	1.8 62.2%	
Gearing	0.6 36.3%	3.1 42.7%	0.3 3.2%	1.1 36.2%	
Corporate	0.1	0.0	1.0	0.5	
Electromagnetic Clutches & Bra					
Property/Plant/Equipment	156.4 100.0%	145.4 100.0%	177.0 100.0%	191.9 100.0%	
Gearing	156.4 100.0%				
de la	102.1 100.0%			_	
The committee of the board of the committee of the commit	20 5 27 20	25.2.20	101	122.2	

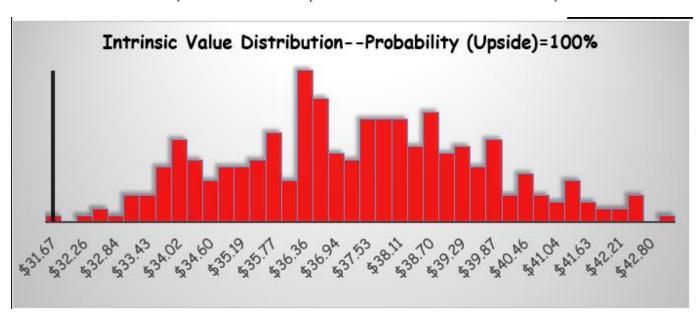






Normal Case:

Using very conservative approach and giving them lower revenue growth than analyst are projecting and decrease in the future EBITDA margin it gives me target price of \$42.25. The target price for Analyst is \$50. This is in situation that they continue with their production and sales at the rate that they announced.

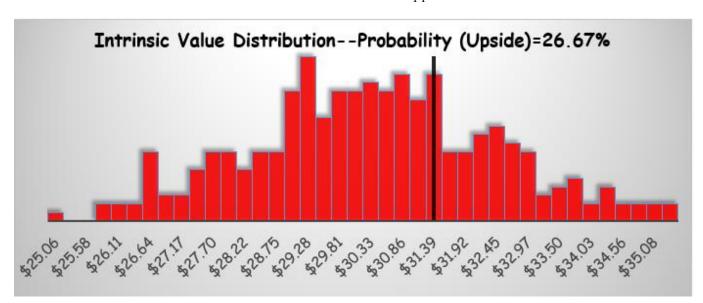






Bear Case:

In the situation that overall economy goes bad and their revenue sales drop down by lets assume 3% in next 4 years I am still having positive outlook of Target price \$34.82 with higher probability that stock will go around 30\$. I do not believe in this scenario due to economy being very stable and the only risk for them as of now could be more Tariffs which I also do not believe will happen in the near future.



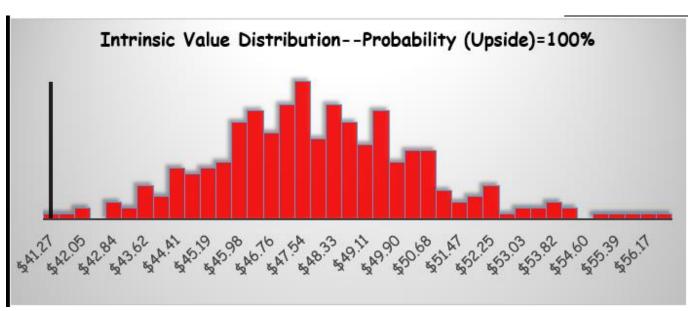
Bullish Case:

Taking the consideration that their revenue will grow in next two years by 30% and 60%, including that into cash flows I get target price of \$53.24. This is situation that everything goes perfectly and nothing goes wrong. This is very realistic situation, however nothing can be said before Trump and Xi meeting in November.





III Rever	nue, Adj	819.8	746.7	708.9	876.7	929.5	1,163.8	1,948.5
📶 Gro	wth %, YoY	13.5	-8.9	-5.1	23.7	12.5	32.7	67.4
III Gross	Profit, Adj	248.9	228.5	222.1	275.8		390.6	821.6
<u>⊪</u> Mar	gin %	30.4	30.6	31.3	31.5		33.6	42.2
Ⅲ EBITE	DA, Adj	113.0	105.6	105.7	196.2		204.3	438.3
<u>l</u> Mar	gin %	13.8	14.1	14.9	22.4		17.6	22.5
III Net I	ncome, Adj	44.6	43.5	45.8	103.6	72.7	102.3	175.3
<u>⊪</u> Mar	gin %	5.4	5.8	6.5	11.8	7.8	8.8	9.0
EPS,	Adj	1.63	1.67	1.77	3.57	2.49	2.89	3.46
Lil Gro	wth %, YoY	2.6	2.5	5.9	101.4	19.0	-18.9	19.5



Conclusion:

I believe that current price is not reflecting real value of the company and the reason is that Industry overall had dropped and the discussion about tariffs are still on going. If tariff situation gets stable, I believe more investors are going to be interested in this industry and the company will be valued at the right price after all. Altra has increased their EBITDA margin, increase their revenue growth and is projected to keep increasing both.





