Date: November 7, 2012

Analyst Name: Lillian Mojica

CIF Stock Recommendation Report (Fall 2012)

Company Name and Ticker: Crown Castle International (CCI)

Section (A) Summary

Recommendation Buy: Yes No		Target Price: $77	Stop-Loss Price: $55
Sector: Technology/ Telecommunication	Industry: Telecommunications Services	Market Cap (in Billions): $19.762868	# of Shrs. O/S (in Millions): 293.16
Current Price: $66.80	52 WK Hi: $68.69	52 WK Low: $39.28	EBO Valuation: $8.43
Morningstar (MS) Fair Value Est.: $70	MS FV Uncertainty: Medium	MS Consider Buying: $49.00	MS Consider Selling: $94.50
EPS (TTM): 0.86	EPS (FY1): 0.84	EPS (FY2): 0.85	MS Star Rating: 3 stars
Next Fiscal Yr. End ”Year”: 2012 “Month”: December	Last Fiscal Qtr. End: Less Than 8 WK: Y N	If Less Than 8 WK, next Earnings Ann. Date:	Analyst Consensus Recommendation: Outperform
Forward P/E: 78.62	Mean LT Growth: 19.10	PEG: 4.12	Beta: 1.21
% Inst. Ownership: 98.32%	Inst. Ownership- Net Buy: Y N	Short Interest Ratio: 2.30	Short as % of Float: 1.70
Ratio Analysis	**Company**	**Industry**	**Sector**
P/E (TTM)	77.87	17.10	14.94
P/S (TTM)	8.65	1.23	1.08
P/B (MRQ)	6.70	1.42	1.25
P/CF (TTM)	23.53	17.15	11.78
Dividend Yield	--	3.04	3.48
Total Debt/Equity (MRQ)	285.13	57.65	60.16
Net Profit Margin (TTM)	11.39	7.80	7.38
ROA (TTM)	2.24	4.95	4.43
ROE (TTM)	9.49	8.49	8.03

Investment Thesis:

From my research on Crown Castle I believe that this is a "buy" for the Cougar Investment Fund. There are many reason to why I believe we should invest in this stock, and here are a few of them:

- There has been constant growth in the company, and there will be continued growth with wireless, and the continued growth in the technology sector.
- The revenue for the quarters has been way over the estimates every single time.
- Analysts are bullish on the stock and believe that cellphone carriers have an increased need for more capacity.
- The short interest and days to cover are low, showing that the stock price isn't likely to fall and that investors are bullish.
- The company has been outperforming the technology sector in all of the stock charts.
- There is high institutional ownership, showing that organizations believe that this is a good company to invest in.

Summary

Provide brief summary of your analysis in each section that follows

Company Profile: Crown Castle, CCI, is a global company that operates in wireless infrastructures. They lease out there towers around the nation to Verizon, AT&T, and etc.

Fundamental Valuation: The EBO provided implied prices that were not close to the current price of CCI. The implied price for CCI is $8.43, and the actual price is $66.80. I believe for this company a three year growth rate is best because of a slightly high beta and the constant growth in the wireless industry.

Relative Valuation: Crown Castle's biggest competitors are American Tower and SBA Communication. AMT is more of a competitor right now than SBAC because SBAC has not had very high performance recently.

Revenue and Earnings Estimates: Revenues have been over the analyst's estimates for the last quarter and year endings. This is a good sign, and the company has had constant growth. The earnings have been fluctuating a little bit, but I believe they will become better in the coming years.

Analyst Recommendations: Analysts are bullish on Crown Castle. They believe they have good earning statements and have great potential. They believe the company will outperform, and none are saying that it will underperform or to sell the stock.

Institutional Ownership: There are many organizations that have greater than 5% in Crown Castle institutional ownership. This is showing that investors believe in this company and also that CCI has to make sure that these organizations are happy with how the company is being run the outlook of the company.

Short Interest: Short interest is helping show investors the perception on future stock and Crown Castle has a goof short interest and days to cover. They are very comparable to their biggest competitor AMT, which is a good sign that they are not lacking like SBAC is.

	Stock Price Chart: Looking at all of the stock charts one can see that CCI is constantly increasing over the months and the years. It has been outperforming the S&P 500 and the technology sector.

Section (B) Company Profile (two pages maximum)

Company Summary

Crown Castle International, CCI, operates in shared wireless infrastructure. This includes towers and district antenna systems (DAS). CCI operates and leases all around the world, such as Australia and Puerto Rico, which is part of the United States. The main part of CCI business is renting space or physical capacity on its towers and DAS. These towers help in connecting people around the world through wireless communication devices. These towers also accommodate multiple customers, and most of the customers rent the space for wireless carriers. These customers include Verizon, AT&T, Sprint, T-Mobile, and etc. The company has been growing with the amount of towers that it provides to their different customers. As of last year, December 2011, CCI managed 23,800 towers, and 800 DAS antenna locations, and 150 third party land interests. CCI's main competitors are American Tower Corporation and SBA Communication Corporation, which will be discussed later along with some other competitors. (Reuters) (Yahoo Finance)

Business Model, Competition, Environment and Strategy

CCI's major competitors are American Tower Corporation and SBA Communications Corporation. However, there is no need to worry about the competition because of the earnings that CCI is putting out. Also Crown Castle has more towers in the United States than American Tower and SBA Communications. Even though the economy at times is not doing great it does not damage CCI and their performance. This is due to the fact that there is still an increase in cellphones such as the iPhone 5 and the Galaxy.

CCI is not a seasonal company. The towers are used year round because wireless transactions are used every single day by millions of people. This company is also cyclical. This is because the beta is higher than one. However, because there is such a high demand for the towers and wireless towers there is not much fluctuation with the sector right now. When looking at the life stage of CCI, it is in between growth and maturity. This is because there is still a lot of growth to be had in the wireless industry, but there has already been a lot of progress which is why it is part in the maturity cycle. Crown Castle is in a very good business position and will continue to grow over the years.

Revenue and Earnings History

This information is available in ***Reuters.com, "Financials"*** tab. Copy/paste the quarterly revenue and earnings per share numbers for the most recent three years. Add the numbers over four fiscal quarters to get annual revenue and earnings. For the current fiscal year, go ahead add up as many quarters as are available. **NOTE:** revenue numbers are ***"in millions".***

Discuss any pattern in revenue and earnings (e.g., increasing year over year; seasonal; etc.)

REVENUE

Periods	2010	2011	2012
March	444.327	499.039	551.745
June	456.127	500.336	585.511
September	481.89	513.883	621.337
December	496.314	519.471	

Note: Units in Millions of U.S. Dollars

EARNINGS PER SHARE

Periods	2010	2011	2012
March	-0.43153	0.12047	0.16583
June	-0.3591	0.08943	0.39839
September	-0.49004	0.15406	0.14394
December	0.12386	0.15523	

Note: Units in U.S. Dollars

When looking at the Revenue for CCI one can see the constant increase in revenue/sales. Every quarter from 2010 to 2012 has increased by a significant amount. I believe that the quarter ending in December of 2012 will show significant increase just as the other quarters have from the past year. When looking down the column there is no huge spike in sales throughout the year. In 2010 every quarter had an increase in sales, but they were all of the same size. I am sure that when the earnings are released for December 2012 that the revenue will be greater than the 2011 December revenue.

When looking at the earnings per share one can also see a steady increase. In 2010 you can see that the EPS was negative all the way until the December quarter. This was probably due to the fact that… After 2010 every EPS quarter has been positive and increasing. From the last quarter EPS there was a decrease and this most likely had to do with the fact that… It will be interesting to see what the EPS for the December 2012 quarter will be since the EPS has been fluctuating all year.

Section (C) Fundamental Valuation (EBO)

Include the following here:

Copy/paste completed Fundamental Valuation (EBO) Spreadsheet

CCI	PARAMETERS	FY1	FY2	Ltg
	EPS Forecasts	0.84	0.85	19.10%
	Book value/share (last fye)	8.38		
	Discount Rate	10.97%		
	Dividend Payout Ratio (POR	0.00%		
	Next Fsc Year end	2012		
	Current Fsc Mth (1 to 12)	11		
	Target ROE (industry avg.)	13.01%		

Model 1: 12-year forecasting horizon (T=12).
and a 7-year growth period.

Please download and save this template to your own storage device
You only need to input values to cells highlighted in "yellow"
The rest of the spreadsheet is calculated automatically
Please read "Guidelines_for_FundamentalValuation_ProfLee_Spreadsheet" file carefully

	Year	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**
	Long-term EPS Growth Rate (Ltg)			0.1910	0.1910	0.1910	0.1910	0.1910					
	Forecasted EPS	0.84	0.85	1.01	1.21	1.44	1.71	2.04					
	Beg. of year BV/Shr	8.380	9.220	10.070	11.082	12.288	13.724	15.434					
	Implied ROE		0.092	0.101	0.109	0.117	0.125	0.132					
ROE	(Beg. ROE, from EPS forecasts)	0.100	0.092	0.101	0.109	0.117	0.125	0.132	0.132	0.131	0.131	0.130	0.130
Abnormal ROE	(ROE-k)	-0.009	-0.018	-0.009	-0.001	0.007	0.015	0.022	0.022	0.022	0.021	0.021	0.020
growth rate for B	(1-POR)*(ROEt-1)	0.000	0.100	0.092	0.101	0.109	0.117	0.125	0.132	0.132	0.131	0.131	0.130
Compounded growth		1.000	1.100	1.202	1.322	1.466	1.638	1.842	2.085	2.359	2.669	3.018	3.412
growth*AROE		**-0.009**	**-0.019**	**-0.011**	**-0.001**	**0.011**	**0.024**	**0.041**	**0.046**	**0.051**	**0.056**	**0.063**	**0.070**
required rate (k)	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110	0.110
Compound discount rate		1.110	1.231	1.367	1.516	1.683	1.867	2.072	2.300	2.552	2.832	3.142	3.487
div. payout rate (k)	0.000												
Add to P/B	PV(growth*AROE)	-0.01	-0.02	-0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02
Cum P/B		0.99	0.98	0.97	0.97	0.97	0.99	1.01	1.03	1.05	1.07	1.09	1.11
Add: Perpetuity													
beyond current yr	(Assume this yr's AROE forever)	-0.08	-0.14	-0.07	-0.01	0.06	0.12	0.18	0.18	0.18	0.18	0.18	0.18
Total P/B	(P/B if we stop est. this period)	0.91	0.83	0.89	0.96	1.03	1.11	1.19	1.21	1.23	1.25	1.27	1.29
Implied price		**8.43**	**7.68**	**8.25**	**8.85**	**9.50**	**10.20**	**10.94**	**11.13**	**11.32**	**11.51**	**11.69**	**11.88**
Check:													
Beg. BV/Shr		8.38	9.22	10.07	11.08	12.29	13.72	15.43	17.47	19.77	22.36	25.29	28.59
Implied EPS		0.84	0.85	1.01	1.21	1.44	1.71	2.04	2.30	2.59	2.93	3.30	3.72
Implied EPS growth			0.012	0.191	0.191	0.191	0.191	0.191	0.129	0.128	0.128	0.128	0.127

Inputs (provide below input values used in your analysis)

EPS forecasts (FY1 & FY2): ___.84 and .85________________

Long-term growth rate: ___19.10__________________

Book value /share (along with book value and number of shares outstanding):

Book value: ___2385.3__________________

# of shares outstanding: ___284.5__________________

Book value / share: ___8.38__________________

Dividend payout ratio: ___---___________________

Next fiscal year end: ___December 2012_______________

Current fiscal month: ____November__________________

Target ROE: ____13.01%__________________

Output

Above normal growth period chosen: __7 years________

EBO valuation (Implied price from the spreadsheet): ___11.13_____

Sensitivity Analysis

EBO valuation would be (you can include more than one scenario in each of the following):

___$9.50_______ if changing above normal growth period to ___4 years_

___$21.62_ if changing growth rate from mean (consensus) to the highest estimate __36.20___

___$5.72__ if changing growth rate from mean (consensus) to the lowest estimate __2__

___$8.41________ if changing discount rate to ___13%___________

___$10.62___________if changing target ROE to ______10_________

The implied price in the EBO is very low compared to what the current price is, and what I believe the price will be in the coming years. This difference could have to do with the fact that the beta is a little higher than one, also because CCI does not give our dividend payouts. All factors effect what the implied price should be. It could also just be that the market undervalues Crown Castle by a lot. Another reason could be the forecasted EPS for the company. They EPS have been a little off estimates and the analyst have stated this, and with higher EPS this could change the implied price.

Section (D) Relative Valuation

Copy/paste your completed relative valuation spreadsheet here

	CCI												
					Mean FY2 Earnings Estimate (next fiscal year)	Forward P/E	Mean LT Growth Rate	PEG	P/B (MRQ)	ROE 5 yr ave	Value Ratio	P/S TTM	P/CF TTM
	Ticker	Name	Mkt Cap	Current Price									
1	AMT	American Tower Corp	$ 29,588.21	$ 74.84	$ 2.12	35.30	17.50%	2.02	8.32	8.02%	1.04	10.72	23.09
2	SBAC	SBA Communications Inc.	$ 8,499.07	$ 67.23	$ (0.54)	-124.50	10.00%	-12.45	18.56	-29.68%	-0.63	10.07	43.34
3	VZ	Verizon Communication Inc.	$ 2,854.00	$ 42.64	$ 2.86	14.91	9.03%	1.65	3.23	6.14%	0.53	1.07	4.23
4	HEES	H&E Equipment Service	$ 546.84	$ 15.56	$ 1.23	12.65	-10.00%	-1.27	12.80	5.84%	2.19	1.42	10.64
	KFT	Crown Castle International	$ 19,591.83	$ 66.83	$ 0.85	78.62	19.10%	4.12	14.66	-4.92%	(2.98)	0.68	4.01
		Implied Price based on:				P/E		PEG	P/B		Value	P/S	P/CF
1	AMT	American Tower Corp				$30.01		$32.75	$37.93		-$23.27	$1,053.56	$384.81
2	SBAC	SBA Communications Inc.				($105.83)		-$202.13	$84.61		$14.03	$989.67	$722.30
3	VZ	Verizon Communication Inc.				$12.67		$26.80	$14.72		-$11.80	$105.16	$70.50
4	HEES	H&E Equipment Service				$10.75		-$20.54	$58.35		-$49.16	$139.56	$177.32
		High				$30.01		$32.75	$84.61		$14.03	$1,053.56	$722.30
		Low				-$105.83		-$202.13	$14.72		-$49.16	$105.16	$70.50
		Median				$11.71		$3.13	$48.14		-$17.53	$564.62	$281.07

From the top panel

Discuss whether your stock and its competitors have very different multiples. Point out if any of the five stocks have multiple that is far off from the others. Make an attempt to explain why (you would want to read analyst research report in ***Morningstar Direct***; you should also look for comments from other financial sites). **The discussions should address all of the following valuation metrics: forward P/E, PEG, P/B (MRQ), P/S (TTM), and P/CF (TTM).**

Compare the implied prices derived from various valuation metrics. Also compare those implied price to the stock's current price, and 52-week high and low.

When looking at the different ratios for the five companies the range of numbers is very high. For instance the forward P/E has a negative number for SBAC, but then a very high number for CCI. This shows that SBAC will not be having very good prices over the next years or earnings and this is shown in there revenues and earnings statement. However, CCI has a very high P/E ratio meaning that their revenues and earnings are likely to keep increasing.

The P/B ratio seems pretty decent with where the other P/B ratios are for CCI's competitors. There biggest competitor is AMT and SBAC, and CCI is right in the middle of both of those P/B ratios. I think this shows a good sign that CCI is not undervalued but also not overvalued. The ratio is in the middle, showing that if we buy this stock the class would not be overpaying.

This number is slightly lower than the two main competitors. AMT has a P/CF of 23 and SBAC has a ratio of 43, whereas CCI's ratio is 4. This is a huge difference between the competitors, and I believe this has a lot to do with how many different companies have bought a piece of a tower. Depending on CCI or AMT they could have a few bigger companies that are paying them more instead of a lot of smaller companies. This theory can also reflect on the P/S ratio. This is because when looking at CCI it shows that they are gaining a lot of revenue per share and there stock price is staying about the same. Whereas AMT and SBAC have a lot higher P/S ratio compared to CCI and this could be because of the revenue that the companies are gaining per share.

The PEG of CCI is very good compared to their competitors. The PEG is 4 whereas for SBAC it is -12, which is not a good valuation of the stock. AMT has a stock valuation of 2 which is a lot better than SBAC, but not better than CCI's ratio of 4. Overall compared to their competitors CCI has a better PEG, and a better stock valuation.

From the bottom panel

Discuss the various implied prices of your stock derived from competitors' ("comparables") multiples. How different are the prices derived from the various valuation metrics? Note any valuation metrics that seem to yield outlier prices and explain why **(HINT**: is that because that particular valuation metrics is not very relevant for the industry? Do you best to provide convincing arguments).

For each valuation metrics, Compare the current price and 52-week high /low of your stock to the High-low range derived from multiples of its competitors.

Among the valuation metrics analyzed, **which ones do you think are most relevant as a valuation tool for your stock**?

The prices are over a wide range. There are negative prices and then a high of $30 for AMT. For both the P/E and PEG SABC have negative prices. This is not surprising since there earning statements have not been as well as they had hoped. However SABC has the highest price when looking at the P/S and the P/CF ratios. This is probably due to the fact that they have a couple bigger companies that they receive a lot of their revenue from.

If you apply CCI's 52 week-high and low the prices are not very close to the prices of the competitors. The high is where CCI's 52 week-low is. This is a good sign that CCI has a good current price and 52 week-high and low.

I believe the PEG is the best valuations tool for my stock. This is because it shows that the stock has a good valuation by the market compared to the other competitors. However it is very close to their biggest competitor AMT, which shows a good sign that the market values this as a good stock because they also believe AMT as a valuable stock as well.

Section (E) Revenue and Earnings Estimates

Copy/Paste the "Historical Surprises" Table from *Reuters.com, "Analysts" tab* (include both revenue and earnings; make note that revenues might be in "millions")

Review recent trends in company's reported revenue and earnings, and discuss whether (1) the company has a pattern of "surprising" the market with numbers different from analysts' estimates; (2) Were they positive(actual greater than estimate) or negative (actual less than estimate) surprises? (3) Were surprises more notable for revenue or earnings? (4) Look up the stock chart to see how the stock price reacted to the "surprises. **NOTE:** Reuters does not put the sign on the surprise. **You need to put a "negative" sign when it is a negative surprise**.

HISTORICAL SURPRISES

Sales and Profit Figures in US Dollar (USD)
Earnings and Dividend Figures in US Dollar (USD)

Estimates vs Actual	Estimate	Actual	Difference	Surprise %
SALES (in millions)				
Quarter Ending Sep-12	596.64	621.34	24.70	4.14
Quarter Ending Jun-12	560.88	585.51	24.63	4.39
Quarter Ending Mar-12	521.42	551.74	30.32	5.82
Quarter Ending Dec-11	517.22	519.47	2.25	0.44
Quarter Ending Sep-11	507.89	513.88	6.00	1.18
Earnings (per share)				
Quarter Ending Sep-12	0.15	0.14	0.01	6.23
Quarter Ending Jun-12	0.38	0.40	0.02	5.90
Quarter Ending Mar-12	0.18	0.20	0.02	14.22
Quarter Ending Dec-11	0.16	0.16	0.00	1.30
Quarter Ending Sep-11	0.12	0.16	0.04	31.36

This last year CCI has been surprising the market. The surprises are a lot higher than the quarters ending in December and September of 2011. There was a huge surprise in for the quarter ending in March of 2012 and in the quarter ending in September of 2011. The other quarters in 2012 have also had a decent surprise. Both the revenue and the earnings have similar surprises when the actual data is released. The surprises for both the revenue and the EPS were about the same. The surprises all fell between 4-6 percent. This shows good consistency for both the revenue and the EPS. In all quarters the actual data was larger than what the analyst expected. This is a good sign because the company is growing, and not showing signs that they are not meeting the earnings that they would like. Again, like the surprises, the difference in the revenues is all greater than what it was in 2011. 2012 shows very high differences, which is a great sign that the company is growing and maintaining the expectations of the analysts. Lastly looking at the stock charts, the stock would rise every time the earning reports were released to the public. The stock has been steadily increasing, and the market responds very well when the earnings are released.

Copy/paste the "Consensus Estimates Analysis" Table from *Reuters.com, "Analysts" tab* (include both revenue and earnings)

Review the range and the consensus of analysts' estimates. (1) Calculate the % difference of the "high" estimate from the consensus (mean); (2) Calculate the % (negative) difference of the "low" estimate from the consensus; (3) Are the divergent more notable for the current or out-quarter, FY1 or FY2, revenue or earnings? (4) Note the number of analysts providing LT growth rate estimate. It that roughly the same as the number of analysts providing revenue and earnings estimates?

CONSENSUS ESTIMATES ANALYSIS

Sales and Profit Figures in US Dollar (USD)
Earnings and Dividend Figures in US Dollar (USD)

	# of Estimates	Mean	High	Low	1 Year Ago
SALES (in millions)					
Quarter Ending Dec-12	15	620.15	633.30	608.40	542.82
Quarter Ending Mar-13	6	681.93	694.16	659.80	--
Year Ending Dec-12	18	2,371.96	2,391.89	2,306.50	2,136.58
Year Ending Dec-13	12	2,770.60	2,935.80	2,459.20	2,259.79

Earnings (per share)

Quarter Ending Dec-12	18	0.13	0.16	0.09	0.24
Quarter Ending Mar-13	8	0.18	0.26	0.11	--
Year Ending Dec-12	19	0.84	0.92	0.79	0.81
Year Ending Dec-13	13	0.85	1.68	0.41	1.20
LT Growth Rate (%)	2	19.10	36.20	2.00	20.00

Sales Computations	**High Difference**	**Low Difference**
Quarter Ending Dec-12	2.12	1.89
Quarter Ending Mar-13	1.79	3.24
Year Ending Dec-12	.84	2.75
Year Ending Dec-13	5.96	11.23
Earnings Per Share Computations	**High Difference**	**Low Difference**
Quarter Ending Dec-12	23.07	30.76
Quarter Ending Mar-13	44.44	38.88
Year Ending Dec-12	9.52	5.95
Year Ending Dec-13	97.64	51.76
LT Growth Rate	89.52	89.52

The divergent are more notable in the outer quarter/year endings. The high is a lot larger than the mean compared to the inner quarter/year endings. There is also a lot more estimates for the inner quarter/year endings which makes for a better high and low estimate. This is also causing a larger divergent when you are comparing the two.

The number of estimates for the long term growth rate is a lot smaller than the estimates for the quarter ending and the year ending. This shows that the long-term growth rate might not be as accurate as the other one estimates.

Copy/paste the "Consensus Estimates Trend" Table from *Reuters.com, "Analysts" tab* (include both revenue and earnings)

Review recent trend of analysts' consensus (mean) estimates on revenue and earnings. (1) Are the consensus estimates trending up, down, or stay the same? (2) Is the trend more notable for the near- or out- quarter, FY1 or FY2, revenue or earnings?

CONSENSUS ESTIMATES TREND

Sales and Profit Figures in US Dollar (USD)
Earnings and Dividend Figures in US Dollar (USD)

	Current	1 Week Ago	1 Month Ago	2 Month Ago	1 Year Ago
SALES (in millions)					
Quarter Ending Dec-12	620.15	618.27	600.42	601.95	542.82
Quarter Ending Mar-13	681.93	681.93	601.50	602.42	--
Year Ending Dec-12	2,371.96	2,367.86	2,331.48	2,335.21	2,136.58
Year Ending Dec-13	2,770.60	2,770.60	2,488.61	2,498.81	2,259.79
Earnings (per share)					
Quarter Ending Dec-12	0.13	0.13	0.17	0.16	0.24
Quarter Ending Mar-13	0.18	0.18	0.23	0.24	--
Quarter Ending Dec-12	0.84	0.84	0.89	0.88	0.81
Quarter Ending Dec-13	0.85	0.85	1.15	1.18	1.20

For revenue the consensus estimates are all trending up. Again this shows a good sign that the company is growing in their sales and that analysts believe that it will keep growing. From the current estimate to the estimate looking back one month ago, there is a notable change in the two quarters ending in December and March of 2012 and the FY(1) and FY(2). As stated before this is a very good sign, that the analysts believe the company will be doing well and still be profitable in the year ending in 2013. However the trend does seem more notable for the outer-quarters. This is probably due to the fact analyst have seen how much the company's revenues have grown in the last earning statements and believe that in 2013 it will continue to grow even more.

When it comes to EPS the trend, however, is not trending up. The trend is now going down. The EPS has not drastically gone down, but it has decreased from what analyst believed the EPS would be a couple months ago. However, for the FY(2) the EPS has drastically changed. It was at 1.15 a month ago, and now it is down to 0.85. This change could have to do with the fact that the EPS did not change that much when the revenue had increased y a lot during the September 2012 quarter. We will have to see how the analysts change when the December 2012 quarter EPS turns out. If there is a larger change in the EPS, then the EPS estimate for the FY(2) could start trending up.

Copy/paste the "Estimates Revisions Summary" Table from *Reuters.com, "Analysts" tab* (include both revenue and earnings)

Review the number of analysts revising up or down their estimates (both revenue and earnings) **in the last and last four weeks.** (1) Note whether there are more up or down revisions; (2) are the revisions predominantly one directional? (3) Any notable difference last week versus last four weeks, revenue versus earnings?

ESTIMATES REVISIONS SUMMARY

	Last Week		Last 4 Weeks	
Number Of Revisions:	**Up**	**Down**	**Up**	**Down**
Revenue				
Quarter Ending Dec-12	1	0	13	0
Quarter Ending Mar-13	0	0	3	0
Year Ending Dec-12	1	0	14	1
Year Ending Dec-13	0	0	9	0
Earnings				

Quarter Ending Dec-12	0	1	1	13
Quarter Ending Mar-13	0	0	1	3
Year Ending Dec-12	0	1	1	12
Year Ending Dec-13	0	0	1	9

When looking at revenue there are a lot more ups than there are down revisions. In the last week there have been two ups and no downs. In the last four weeks there have been a lot of revisions to the up side. There were 13 up revision for the quarter ending in December 2012. This most likely has to do with the fact that the revenue report was a lot higher than was analyst thought it would be. For the year ending in 2012 there were 14 up revisions in the last four weeks. Again this most likely has to do with their earnings report. The revisions are very bullish when it comes to revenue; however this is not the same for the EPS.

EPS has the opposite happening when it comes to revisions. There were two down revisions in the last week, and zero up revisions. In the last four weeks there have been multiple down revisions. For the quarter ending in December 2012 there were 13 down revisions. As stated before this most likely has to do with the fact that the revenue had a big jump but the EPS did not have much of a difference in the earnings report for the last quarter. There was also 12 down revision for the year ending in 2012, and probably for the same reason the December 2012 quarter has a lot of down revisions. Revenue is definitely doing better when it comes to analyst revisions, and as stated before it has to do with their last earnings report.

You will need to incorporate what you see here with Morningstar's analyst research report (you can access ***Morningstar Direct at the Financial Markets Lab***.) and other readings/analysis you found from various on-line financial sites. Discuss whether you think the company has a good chance of making or beating analyst consensus estimate, and why. Based on how the stock has been trading lately, do you think market has already anticipated strong or lackluster financial outlook from the company?

When looking at what analysts have to say I believe that CCI has a good chance at beating what analyst believe for earnings. I think there will be no problem for the company to meet or even beat the estimates for the revenue. The earnings is what the analyst are worried about. I think the company knows that this is a weakness right now, and that they are going to bring those numbers up, and make sure they do not fluctuate as much as they have been. I think the market anticipates a strong outlook for this company because of their constant growth. The company has shown that they can meet expectations and the market knows this. Also this type of company relies on databases and wireless services, which will not be going away anytime soon. Many people use these resources and many companies use wireless as well, and it is not determined a whole lot by the economy.

Section (F) Analysts' Recommendations

Copy/paste the "Analyst Recommendations and Revisions" Table from *Reuters.com, "Analysts" tab*. NOTE: Make sure you copy the entire table including the "Mean Rating" at the bottom of the table.

ANALYST RECOMMENDATIONS AND REVISIONS

1-5 Linear Scale	Current	1 Month Ago	2 Month Ago	3 Month Ago
(1) BUY	8	8	10	10
(2) OUTPERFORM	4	3	4	4
(3) HOLD	9	9	7	7
(4) UNDERPERFORM	0	0	0	0
(5) SELL	0	0	0	0
No Opinion	0	0	0	0
Mean Rating	2.05	2.05	1.86	1.86

Review the trend of analyst recommendations over the last three months. Is there a notable change of analyst opinions, turning more bullish or bearish? How many different ratings out of the five possible ones did the company receive currently, one, two, and three months ago? Is there a notable trend of opinion convergence or divergence? Is what you see here consistent to comments in Morningstar analyst's research report as well as various online financial sites you had researched on?

Analysts are still very bullish about CCI. There are no sell in their recommendations. When looking at the buy recommendations there was a slight change recently, but not a huge one. There are only 8 analysts recommending buying, whereas two and three months ago there were 10 recommendations. The outperform rating did increase though by one, compared to a month ago. When looking at the mean rating of a 2.05 this shows that the analyst are bullish of this company. There does seem to be convergence between the analysts because the buy recommendations went down one and the hold went up in the last month. This shows that the analysts are on the same page for where Crown Castle is heading. The recommendations that the analysts give are consistent with Morningstar. Morningstar believes that Crown Castle will outperform, and this is what analysts are saying as well. From the sites that I have researched Crown Castle on, the analysts have the same recommendations of outperform, and buy/hold. None of the sites have said to sell the stock, which is a very good sign.

NOTE: On a Five-point scale, Reuters assigns “1” to “Buy”, the most bullish recommendation, and “5” to “Sell”, the most bearish recommendation. **Some other online sites have opposite scale**, with their “1” being the most bearish and “5” being the most bullish recommendations.

Section (G) Institutional Ownership

Copy/paste the completed ***"CIF Institutional Ownership" spreadsheet*** here.

CCI

Ownership Activity	# of Holders	% Beg. Holders	Shares	% Shares
Shares Outstanding			293,152,677	100.00%
# of Holders/Tot Shares Held	55	211.54%	288,227,712	98.32%
# New Positions	37	142.31%		
# Closed Positions	8	30.77%		
# Increased Positions	125	480.77%		
# Decreased Positions	79	303.85%		
Beg. Total Inst. Positions	26	100.00%	282,820,387	96.48%
# Net Buyers/3 Mo. Net Chg	46	61.27%	5,407,325	1.84%

Ownership Information	% Outstanding
Top 10 Institutions % Ownership	50.00%
Mutual Fund % Ownership	1.34%
Float %	96.13%

> 5% Ownership

Holder Name	% Outstanding	Report Date
T. Rowe Price Associates, Inc.	11.60%	6/30/2012
Capital Research Global Investors	7.90%	6/30/2012
American Funds Growth Fund of Americ	6.20%	09/30/12
Janus Capital Management LLC	5.40%	06/30/12

Combine information provided in all three sections to discuss whether (1) institutions, on net basis, have been increasing or decreasing ownership and how significant, (2) the stock has sizable institution interests and support, (3) the extent of the (> 5%) owners, and (4) this could be a bullish or bearish indication of future stock price movement.

The ownership has been increasing, because there has been an increase in open positions compared to the decreased positions. There are also a high percentage of shares at 98%. This is a very good sign because it shows that there is interest in this company. There is also quite a few of owners over 5%. This means that the company needs to make sure that these owners stay happy and are happy with where the business is heading. T. Rowe has the biggest ownership and CCI needs to make sure that this shareholder is happy because if they decide to pull out CCI would lose a lot of shares. Because there is a lot of institutional ownership I feel that this shows a bullish outlook on the stock price. With the increase of ownership it shows that more people believe CCI will grow over the years and have a good stock price.

Section (H)   Short Interest (two pages)

From http://www.nasdaq.com/ (NASDAQ's website)

Copy/paste or enter the data in the following table. You also need to copy/paste the chart to the right.

Copy/paste or type the information from "short interest" table. You will start from the most recent release date, and go back for a year (some stocks may not have data go back for a year)

Copy/paste the chart to the right of the "short interest" table, immediately follow the table below

NOTE: You are encouraged to look at the short interest information for two of the companies' closest competitors. This will help gauge whether the sentiment indicated in the short interest statistics is company specific or industry-wide.

CCI Short Interest Table

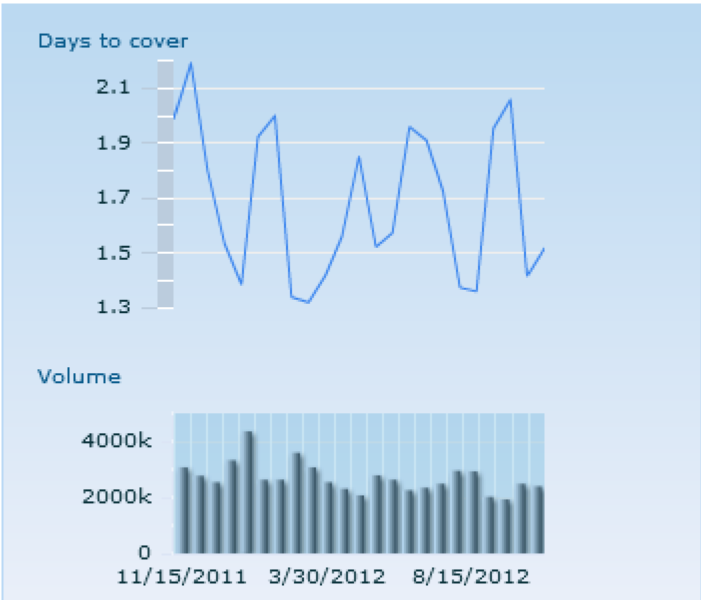
Settlement Date	Short Interest	Avg Daily Share Volume	Days To Cover
10/15/2012	4,279,862	1,568,200	2.729156
9/28/2012	5,167,058	2,246,857	2.299683
9/14/2012	4,341,984	1,940,053	2.238075
8/31/2012	4,820,098	1,265,854	3.807784
8/15/2012	4,593,383	1,324,331	3.468455
7/31/2012	4,058,197	1,788,643	2.268869
7/13/2012	4,372,632	1,548,252	2.824238
6/29/2012	4,490,913	1,837,951	2.443435
6/15/2012	5,742,648	1,931,901	2.972537
5/31/2012	5,873,118	1,824,087	3.219758
5/15/2012	6,406,099	1,835,126	3.490822
4/30/2012	6,059,384	2,044,777	2.963347
4/13/2012	5,902,290	1,907,245	3.094668
3/30/2012	5,011,548	1,873,867	2.674442
3/15/2012	4,217,881	8,252,362	1.000000
2/29/2012	3,630,059	2,005,057	1.810452
2/15/2012	7,157,211	1,645,548	4.349439
1/31/2012	7,015,357	2,292,089	3.060683
1/13/2012	7,558,999	1,519,294	4.975337

12/30/2011	6,771,541	1,394,546	4.855732
12/15/2011	6,598,214	1,561,066	4.226736
11/30/2011	5,948,275	1,501,164	3.962442
11/15/2011	6,540,733	1,757,671	3.721250

American Tower Short Interest Table

Settlement Date	Short Interest	Avg Daily Share Volume	Days To Cover
10/15/2012	3,635,196	2,395,472	1.517528
9/28/2012	3,508,836	2,478,513	1.415702
9/14/2012	3,980,130	1,933,773	2.058220
8/31/2012	3,932,808	2,011,777	1.954893
8/15/2012	3,988,912	2,934,473	1.359328
7/31/2012	4,056,388	2,951,999	1.374116
7/13/2012	4,287,560	2,483,761	1.726237
6/29/2012	4,462,483	2,335,938	1.910360
6/15/2012	4,394,215	2,242,553	1.959470
5/31/2012	4,132,899	2,626,801	1.573358
5/15/2012	4,242,683	2,786,563	1.522551
4/30/2012	3,840,118	2,073,171	1.852292
4/13/2012	3,600,063	2,306,685	1.560709

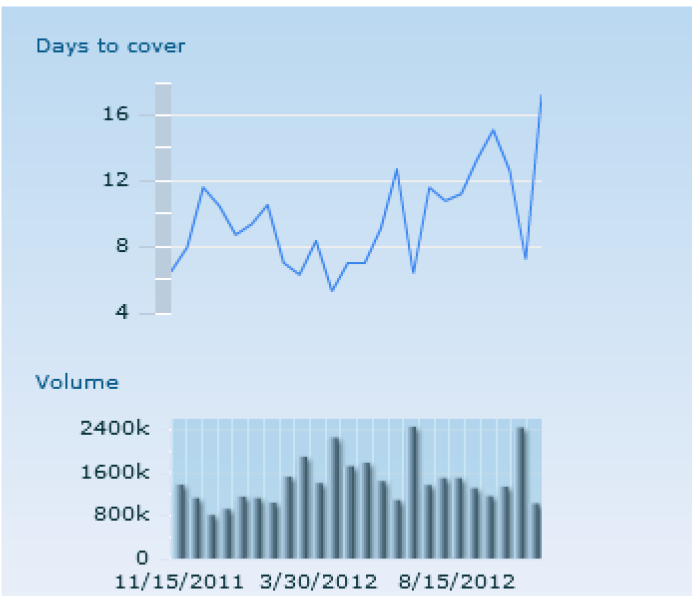
3/30/2012	3,588,533	2,528,981	1.418964
3/15/2012	4,054,250	3,071,933	1.319772
2/29/2012	4,815,668	3,593,194	1.340219
2/15/2012	5,260,083	2,629,954	2.000067
1/31/2012	5,045,514	2,623,965	1.922859
1/13/2012	6,019,427	4,346,894	1.384765
12/30/2011	5,102,436	3,324,382	1.534852
12/15/2011	4,569,336	2,534,726	1.802694
11/30/2011	6,062,198	2,767,011	2.190883
11/15/2011	6,098,568	3,067,615	1.988049



SBA Communication Short Interest Table

Settlement Date	Short Interest	Avg Daily Share Volume	Days To Cover
10/31/2012	17,651,654	1,021,449	17.280994
10/15/2012	17,536,299	2,435,857	7.199232
9/28/2012	16,905,258	1,339,158	12.623796
9/14/2012	17,593,717	1,163,822	15.117189
8/31/2012	17,430,509	1,307,452	13.331663
8/15/2012	16,686,174	1,489,562	11.202067
7/31/2012	16,128,787	1,493,233	10.801253

7/13/2012	15,829,465	1,362,639	11.616771
6/29/2012	15,590,372	2,455,036	6.350364
6/15/2012	13,780,147	1,084,628	12.704952
5/31/2012	13,095,751	1,436,752	9.114831
5/15/2012	12,520,370	1,781,873	7.026522
4/30/2012	12,037,650	1,719,819	6.999370
4/13/2012	11,856,647	2,250,415	5.268649
3/30/2012	11,710,872	1,401,310	8.357089
3/15/2012	11,886,085	1,894,903	6.272661
2/29/2012	10,687,809	1,524,192	7.012115
2/15/2012	10,946,061	1,036,756	10.557991
1/31/2012	10,524,823	1,125,303	9.352879
1/13/2012	10,001,256	1,146,483	8.723423
12/30/2011	9,600,970	919,237	10.444499
12/15/2011	9,345,143	805,757	11.597967
11/30/2011	8,889,738	1,119,333	7.941996
11/15/2011	8,940,977	1,377,316	6.491595



From http://finance.yahoo.com/

Complete the following table with information from the ***"share statistics" table***.

Avg Vol (3 month)	Avg Vol (10 day)	Shares Outstanding	Float
1,639,110	1,492,780	290.81 M	285.46 M
Shares Short (Most recent date)	**Short Ratio (Most recent date)**	**Short % of Float (Most recent date)**	**Shares Short (2 weeks prior)**
4.87 M	2.30	1.70%	4.27 M

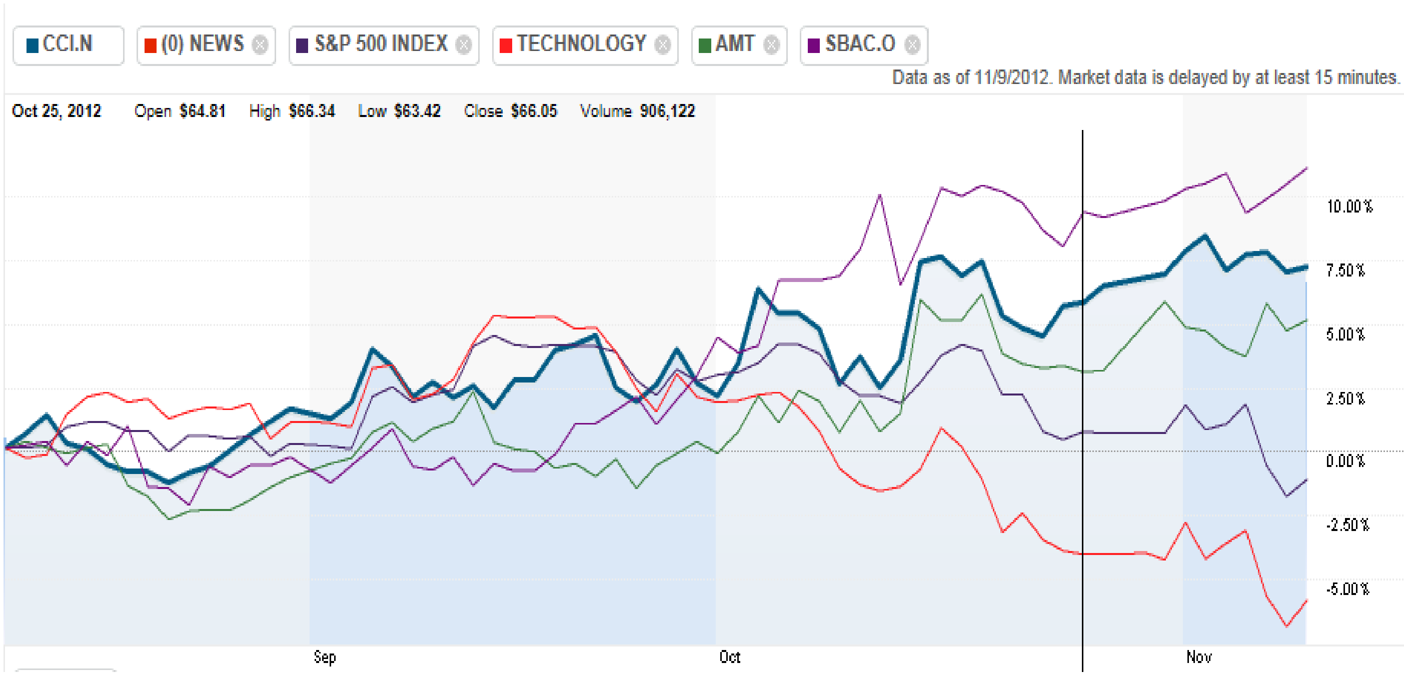
Based on the short interest statistics and its recent trend, how is the market sentiment on the stock? Has the sentiment turned more bullish or bearish over the last year? How about in more recent month and why?

CCI compared to SBAC is doing a lot better when it comes to short interest. When you are comparing to AMT they are around the same, which is a good sign. CCI's days to cover is not as good as AMT but they are still very good for being at 2. This is a good sign because one does not want to have a days to cover that is higher than five. When looking at SBAC their days to cover is 17, which is very bad for this company. The sentiments have turned more bullish because the days to cover has decreased over the last year. Even in the recent months the days to cover has been decreasing, again showing a bullish perspective. The short interest has been fluctuating between 5 million and 4 million, but in the recent months it has stayed in the 4 million, which as stated before shows a bullish outlook on the stock. For SMAC the days to cover has been increasing as well as the short interest, which shows a more bearish outlook on the stock.

Section (I)   Stock Charts

A three months price chart

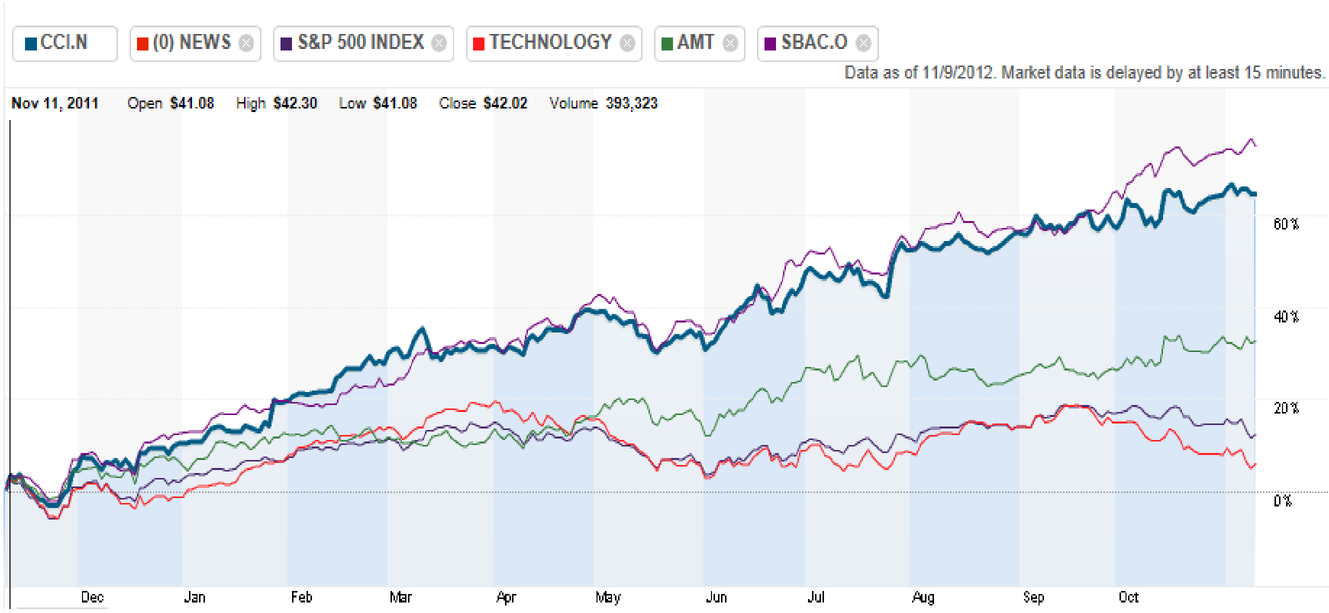
Copy/paste the “3 Mos.” stock chart here



As one can see Crown Castle is outperforming both the technology sector and the S&P 500 by quite a bit. Both the technology sector and the S&P 500 have been decreasing in the past month but Crown Castle has been rising. This is a very good sign for the company.

A one year price chart

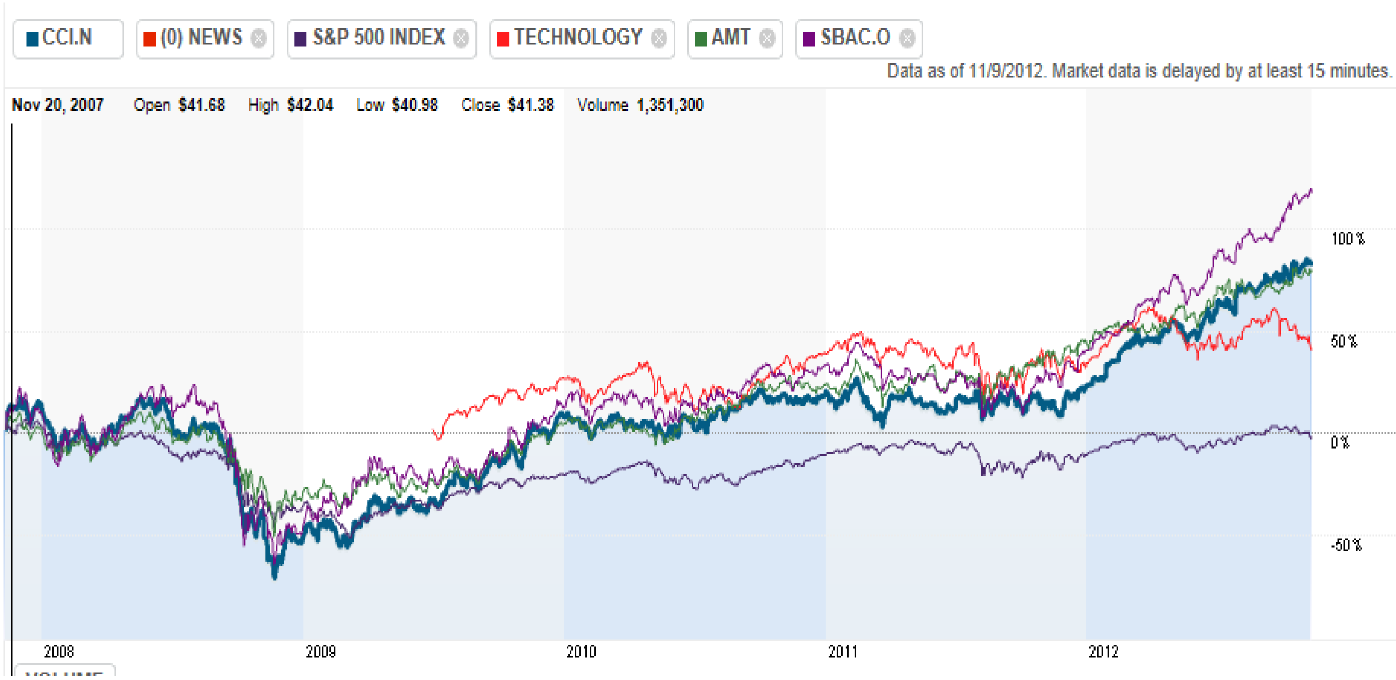
Copy/paste the "1 Yr" stock chart here



In the one year price chart Crown Castle has been doing very well. There is a constant increase by both Crown Castle and SBA. Crown Castle is very close to their competition of SBA. As one can see it is outperforming both the sector and the S&P 500 by a lot.

A five year price chart

Copy/paste the "5 Yrs." stock chart here



With the five year price chart Crown Castle is still outperforming the sector however it is not by a whole lot like the other two charts. However, it still is outperforming the S&P 500 by a lot. SBA is still outperforming CCI, but it is still not by a whole lot. In this chart AMT is level with CCI, which is the first time when comparing to the three month and the one year price chart.