Microsoft

A Stock Presentation							
November 9, 2012							
Vivien Sung (2014)	Deependra Mookim (2015)	Daren Taylor (2000)					







Disclaimer: All information in this report is provided for informational purposes only and should not be deemed as an offer to sell or the solicitation of an offer to buy. References to specific securities and issuers are for illustrative purposes only and are not intended to be, and should not be interpreted as, recommendations to purchase or sell such securities. Past performance is no guarantee of future results. The opinions expressed herein are those of Sire Line Capital and are subject to change without notice. Entities including, but not limited to, Sire Line Capital, directors and employees may have a position in the securities mentioned above and/or related securities. This presentation is not intended for public use or distribution. Reproduction without written permission is prohibited.







- 1) Simple to understand
- 2) Consistent operating history and favorable long-term prospects
- 3) Managed by honest and able managers whose interests are aligned with ours
- 4) Can be purchased at a significant discount to intrinsic value



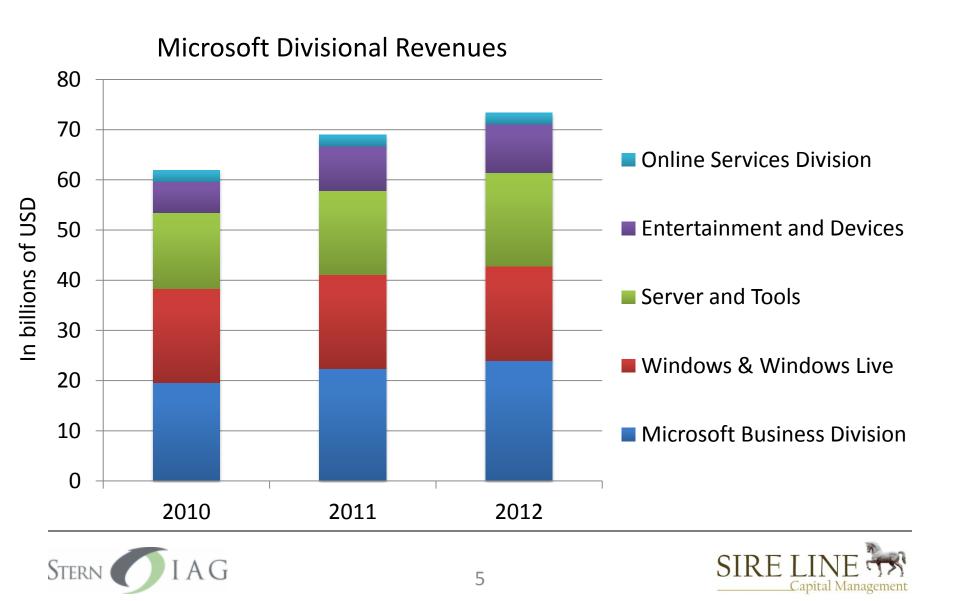
- Founded in 1975
- Global leader in software and services
- Earns revenue primarily from customers paying a fee to license its software
- Core products are dominant within the consumer space and industry standards within enterprise IT
- Lock-in strategy to create moat and command high margins

Business Segments	Key Product Offerings	% of Revenues	Operating Margin
Windows & Windows Live	Windows OS software	25%	63%
Microsoft Business Division	Microsoft Office, Dynamics business solutions	32%	65%
Server & Tools	Windows Server, Microsoft SQL, Enterprise Services	25%	40%
Entertainment & Devices	Xbox 360, Windows Phone, Skype, Mediaroom	13%	4%
Online Services Division	Bing, MSN, advertiser tools	4%	-66%



Microsoft





- Office System, Windows OS and Servers and tools account for lion's share of total revenue
- International now almost half of total revenue

Revenue by Product Type

% of Total	<u>2010</u>	<u>2011</u>	<u>2012</u>			
Microsoft Office System	28.4%	29.6%	30.2%			
Windows PC Operating Systems	29.2%	25.5%	23.5%			
Server Products and Tools	19.2%	18.9%	19.3%	Povonuo by Co	ography	
Xbox 360 Platform	8.7%	11.6%	10.9%	Revenue by Ge	ograpity	
Consult. and Prod. Support Services	4.9%	4.8%	5.4%	<u>% of Total</u>	<u>2002</u>	<u>2012</u>
Advertising	4.0%	4.2%	4.3%	United States	74%	53%
Other	5.6%	5.4%	6.3%	International	26%	47%
Total	100%	100%	100%	Total	100%	100%







Windows & Windows Live

- 75% of sales from OEM purchases of Windows
- Business and consumer sales
 - PC sales to businesses grew 4% and PCs to consumers fell 1% in FY12
 - Net effect: estimated 0-2% growth in total PC market
- Windows 8 launch
 - Designed from the ground up
 - Uses Metro style experience and apps
 - Provides integration and synchronization across other Win 8 devices
 - Pre-sales 40% higher than Windows 7
 - Touch-optimized and focused on the consumer and tablet markets







Microsoft



Microsoft Business Division

- Microsoft Office system comprises over 90% of division's revenues
- Microsoft Dynamics business solutions for ERP and CRM
- Business and consumer sales
 - Business revenue increased 9%; consumer decreased 4% in FY12
 - Business makes up almost 80% of segment
- Network effect + switching costs = <u>90% market share</u>









Server & Tools

- Fastest growing segment within the company
 - Server OS, database management system, cloud computing and virtualization
 - Comprehensive products with reinforcing strengths
- Competitive space
 - Manufacturers: HP, IBM, Oracle
 - Server management: VMWare, BMC, CA
- 50% market share in 1Q12 server shipments









Entertainment & Devices

- Windows Phone 8
 - Windows Phone picked up by Samsung, supported by major carriers
- Microsoft Surface
 - Surface for Windows RT and for Windows 8 Pro
 - Shorter replacement cycles for tablets
 - Generates App Store fees as ecosystem develops
- Xbox refresh in 2013 holiday season
- Deep Skype integration into Windows 8















- 25% Bing-powered U.S. market share, including Yahoo! properties
 - Yahoo! deal to expand reach and acquire technology
 - Integration of Bing to drive growth
- Financial performance
 - aQuantive goodwill impairment charge of \$6.2B
 - Revenues increased 10% in FY12 on continued search revenue growth



Microsoft

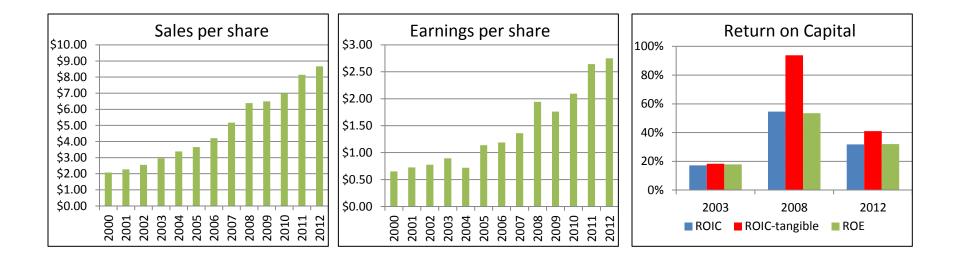








- 5-year CAGR: Sales/share = 7.6%, EPS = 11.6%
- Free cash flow margins = 40% in FY2012; 5-yr avg. is 34%
- 5-yr avg. return on invested capital = 40%; ROE = 42%







On reported numbers, returns on capital appear to peak in 2008 and fall off significantly through 2012...

Quality of Earnings	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>		
OCF / NET INCOME	158%	179%	136%	114%	127%	122%	131%	127%	117%	186%		
FCF / REVENUE	46%	37%	40%	29%	30%	31%	27%	35%	35%	40%		
											<u>5-yr</u>	<u>10-yr.</u>
ROC Analysis:	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>avg.</u>	<u>avg.</u>
ROIC-tangible	18.3%	12.2%	21.5%	31.5%	44.9%	93.8%	59.7%	53.2%	48.1%	41.0%	59.1%	42.4%
ROIC	17.2%	11.5%	20.2%	28.4%	37.8%	54.6%	38.9%	38.4%	37.5%	31.7%	40.2%	31.6%
ROE	17.8%	11.7%	20.7%	29.9%	41.6%	53.5%	38.6%	41.9%	43.9%	32.0%	42.0%	33.2%
Margin (operations)	31.3%	22.2%	29.3%	27.1%	26.4%	29.9%	25.2%	29.5%	32.1%	27.3%	28.8%	28.0%
Turnover (Investment)	43.7%	43.3%	50.4%	66.0%	79.4%	90.4%	78.2%	76.3%	71.8%	64.1%	76.2%	66.4%
Leverage (financing)	1.3	1.2	1.4	1.7	2.0	2.0	2.0	1.9	1.9	1.8		

But what about:

1. All that cash on the balance sheet?

2. All those "extraordinary" charges?





2) Consistent Operating History



	ROIC Analysis											
<u>Line</u>	NOPAT Calculation	FY2003	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>	
1	Sales	32,187	36,835	39,788	44,282	51,122	60,420	58,437	62,484	69 <i>,</i> 943	73,723	*Returns
2	Cash EBIT	14,294	11,691	16,822	18,254	19,219	24,764	21,567	24,864	27,698	28,514	
3	Extraordinary pretax charge	(2,169)	(2,607)	(2,232)	(1,728)	(869)	(1,886)	(1,171)	(59)	0	(6,193)	look
4	Cumulative - 5 years	(11,072)	(13,679)	(15,911)	(13,719)	(9,605)	(9,322)	(7 <i>,</i> 886)	(5,713)	(3,985)	(9,309)	
5	 Assumed annual expense 	<u>(2,214)</u>	<u>(2,736)</u>	<u>(3,182)</u>	<u>(2,744)</u>	<u>(1,921)</u>	<u>(1,864)</u>	<u>(1,577)</u>	<u>(1,143)</u>	<u>(797)</u>	<u>(1,862)</u>	much
6	= Pretax Income	12,080	8,955	13,640	15,511	17,298	22,900	19,990	23,721	26,901	26,652	
7	Tax rate	32%	33%	26%	31%	30%	26%	26%	23%	19%	18%	better
8	 Assumed taxes 	<u>3,865</u>	<u>2,951</u>	<u>3,591</u>	<u>4,868</u>	<u>5,185</u>	<u>5,898</u>	<u>5,297</u>	<u>5,395</u>	<u>5,173</u>	<u>4,797</u>	.
9	= NOPAT-adjusted for charges	8,215	6,003	10,049	10,643	12,112	17,002	14,693	18,327	21,728	21,855	after
10	NOPAT-reported	9,721	7,837	12,394	12,525	13,457	18,386	15,852	18,687	22,712	23,381	
11												adjusting
12	Invested Capital Calculation											
13	Equity Capital	61,020	74,825	48,115	40,104	31,097	36,286	39,558	46,175	57 <i>,</i> 083	66,363	for cash
14	+ Debt Capital:	0	0	0	0	0	0	5,746	5,939	11,921	11,944	
15	= Invested Capital (IC)	61,020	74,825	48,115	40,104	31,097	36,286	45,304	52,114	69,004	78,307	and
16												
17	<u>Cash adjustment:</u>											charges.
18	Cash & equivalents	49,048	60,592	37,751	34,161	23,411	23,662	31,447	36,788	52,772	63,040	
19	% of Sales	152%	164%	95%	77%	46%	39%	54%	59%	75%	86%	
20	Cash = 40% of sales	12,875	14,734	15,915	17,713	20,449	24,168	23,375	24,994	27,977	29,489	
21												
22	IC - adjusted for cash	24,847	28,967	26,279	23,656	28,135	36,792	37,232	40,320	44,209	44,756	
23	avg.		26,907	27,623	24,968	25,895	32,463	37,012	38,776	42,264	44,483	
24	IC - adjusted for cash & intang.	21,335	25,283	22,471	19,251	22,497	22,711	22,970	26,768	30,884	28,134	
25	avg.		23,309	23,877	20,861	20,874	22,604	22,840	24,869	28,826	29,509	
												<u>5-yr 10-yr.</u>
26	ROIC Calculation											<u>avg.</u> avg.
27	NOPAT margin		16.3%	25.3%	24.0%	23.7%	28.1%	25.1%	29.3%	31.1%	29.6%	28.7% 25.8%
28	x Capital turnover		1.37	1.44	1.77	1.97	1.86	1.58	1.61	1.65	1.66	1.67 1.66
29	ROIC - adjusted for cash		22.3%	36.4%	42.6%	46.8%	52.4%	39.7%	47.3%	51.4%	49.1%	48.0% 43.1%
30	ROIC - adjusted for cash & int.		25.8%	42.1%	51.0%	58.0%	75.2%	64.3%	73.7%	75.4%	74.1%	72.5% 60.0%







Total Enterprise*	<u>EBIT</u>
Microsoft Business	>80%
Windows & Windows Live	~67%
Server and Tools	=100%
Entertainment and Devices	0%
Online Services	0%
Total	~83%

*Source: Bernstein.

*MSFT's Enterprise business, which is much more <u>sticky</u>, could account for ~80% of total EBIT...

Buffett: "It is a big deal for a large company to change auditors, law firms or IT support."

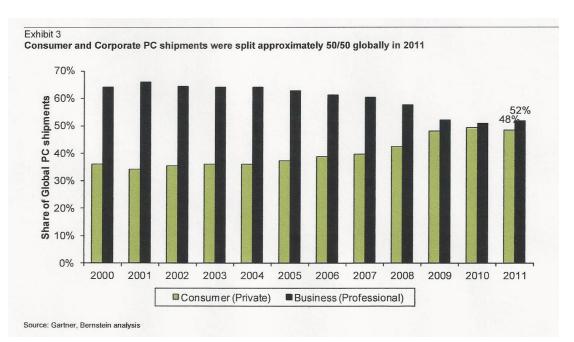








Exhibit 4

Microsoft gets a significant price premium for Windows licenses from Enterprises as compared to Consumers, this excludes maintenance, support and updates, such as Software Assurance

Windows 7 Prices		Premium to Home
Windows 7 Professional Software Assurance	\$109.00	
Windows 7 Professional License Only	\$184.00	53%
Windows 7 Professional Upgrade + SA	\$296.00	147%
Windows 7 Professional Upgrade	\$199.99	67%
Windows 7 Ultimate Upgrade	\$219.99	83%
Windows 7 Home Premium Upgrade	\$119.99	
Average Premium		88%

Source: Microsoft websites, Bernstein analysis

Exhibit 6

Microsoft also receives a large premium from Enterprise customers for Office. Enterprise versions of Office have more features such as Outlook and Access

Office Pricing		Premium to Home
		and Student
Office Professional Plus 2010 License Only	\$508.00	239%
Office Standard 2010 License Only	\$373.00	149%
Office Professional Plus 2010 License and	\$803.00	
Software Assurance		
Office Standard 2010 License and Software	\$588.00	
Assurance		
Office Home and Business 2010	\$279.99	87%
Office Professional 2010	\$499.99	233%
Office Home and Student 2010	\$149.99	
Average Premium		160%





2) Favorable Long-term Prospects

- Office 15
 - 80% of revenue is corporate; upgraded every 7-10 years
 - Pre-installed into ARM tablets, will expand consumer market, increase refresh rates
 - Major update to embrace touch, cloud, social
 - Not available for iPads/Androids
 - \rightarrow Key Differentiator
 - Only option for those who want Office as their tablet productivity tool
- Metro Style Apps

Stern

- Sold through Windows Store (30% cut)
- Enhancements to already dominant App Ecosystem









• Enterprise

- Only 50% of enterprises have upgraded to Windows 7
- End of XP support in 2014 will spur switchover
- Office 365: Sharepoint, Yammer, Skype, Lync, LiveMeeting

• Windows Azure/ Cloud Computing Services

- -Building infrastructure to support cloud computing services
- -Unified, seamless experience between Windows devices
- -Elasticity, agility, cost effectiveness for enterprises

• Servers and Tools

 Revenue: 55% multi-year volume licensing agreements, 25% purchased through transactional volume licensing programs, remainder from Enterprise Services









Stern

- Tablet-friendly, consumer-friendly OS
 - OEM demand to recapture product leadership
 - Multi-tasking OS
 - Integration, synchronization across Cloud, Phone, Xbox etc.
 - Office 15 on ARM tablets = higher revenue from OEMs
 - Tablets: higher growth, shorter replacement cycle









Windows 8

Stern

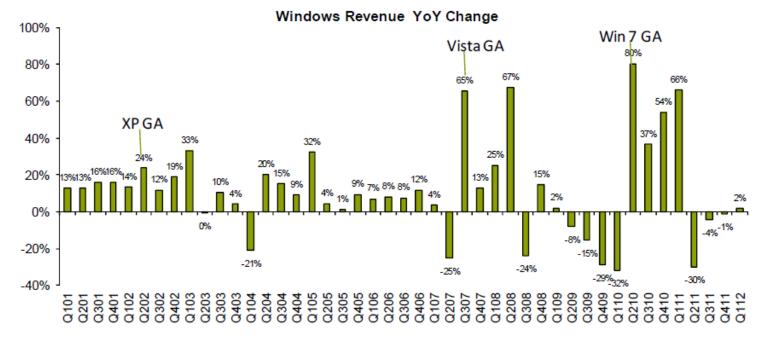
- Runs on same hardware specs at Windows 7, more efficient and cheaper for notebook manufacturers
- Preinstalled to reduce piracy
- Windows on ARM
 - Credible exposure to tablets
 - Protects from cannibalization of PC revenue
 - Helps create bridge across platforms (PCs, tablets, phones, etc.)





2) Favorable Long-term Prospects





Source: Corporate reports and Bernstein analysis.





Beneficial ownership table

Name	Amount and nature of beneficial ownership of common shares as of 9/14/2012	Percent of class
William H. Gates III	460,984,209	5.47%
Steven A. Ballmer	333,252,990	3.95%
Dina Dublon	33,155	*
Raymond V. Gilmartin	62,539	*
Reed Hastings	226,036	*
Maria M. Klawe	17,380	*
Stephen J. Luczo	135,983	*
David F. Marquardt	1,201,393	*
Charles H. Noski	71,960	*
Helmut Panke	38,372	*
John W. Thompson	5,151	*
Kurt D. DelBene	139,201	*
Peter S. Klein	165,613	*
Steven J. Sinofsky	647,515	*
B. Kevin Turner	169,033	*
Executive Officers and Directors	797,901,802	9.46%



Microsoft

Arnold Van Den Berg John Hussman Ray Dalio Jean-Marie Eveillard Joel Greenblatt Whitney Tilson Richard Pzena



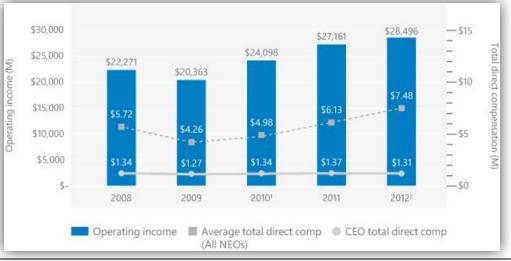


3) Management



CEO pay comparison Mr. Ballmer \$2,055,000 (maximum) Dow 30 and \$17,900,000 Technology Peer Group (average)1 \$0 \$4,000,000 \$8,000,000 \$12,000,000 \$16,000,000 \$20,000,000 Base Salary Variable Cash Sequity

Microsoft operating income vs. total direct compensation







3) Management

Microsoft - Acquisitions

<u>2012</u>	<u>Expertise</u>	<u>2008</u>	Expertise
Yammer	Enterprise social networks	Fast Search & Transfer ASA	Enterprise search solutions
Perceptive Pixel	Multi-touch	Calista	Virtualization software
PhoneFactor	Mobile	Caligari	
StorSimple	Cloud	Danger	Mobile software
<u>2011</u>		YaData	
Skype	Communications software	Credentica	
Prodiance	ERM software	Kidaro	Desktop Virtualization solutions
VideoSurf	Video discovery technology (Xbox LIVE)	Rapt	Adverising yield management
<u>2010</u>		Komoku	
Sentillion	Software for the healthcare ind.	Farecast	
AVIcode	.NET application monitoring	Navic Networks	Interactive Television technology
Canesta		MobiComp	
<u>2009</u>		Powerset	
Bigpark	Interactive online gaming	Zoomix	
Interactive Super Comp.	Parallel computing	DATAllegro	Data warehouse
LS Retail and To Increase	ERP	Greenfield Online	European online consumer reviews
Teamprise	software for developers.	<u>2007</u>	
Opalis Software	Datacenter automation	Medstory	Software for healthcare industry
		Tellme Networks	Mobile
		ScreenTonic	Mobile advertising
Areas of Focus:		aQuantive	Internet advertising platform
Enterprise		AdECN	Advertising exchange platform
Cloud		Pariano	Enterprise group chat
Mobile		Global Care Solutions	Software for healthcare ind.
Healthcare		Multimap	Online mapping









Management returning significant value to shareholders. Large piece of value is trapped overseas...

MSFT - Historical Cash Flows					
(\$ in millions)					
Cumulative Cash Flows: 2008-2012	<u>Total</u>	Line			
Funds from Operating Activities	\$123,342	1			
- Capital Expenditures	\$12,938	2			
= FCF	\$110,404	3			
- Net Assets from Acquisitions	\$19,349	4			
= FCF, net	\$91,055	5			
+ Change in Current Debt	\$0	6			
+ Change in Long-Term Debt	\$11,895	7			
= FCF available for div. & repurchases	\$102,951	8			
Cash Dividends Paid - Total	\$24,626	9			
- Stock Repurchases	\$38,865	10			
= Total Returned to Shareholders*	\$63,491	11			
*Cash held by foreign sub.'s at 6/30/12 = \$54,000					

Source: Company, SLC analysis

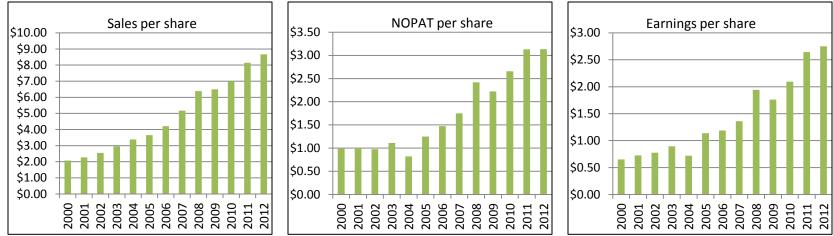




Stern

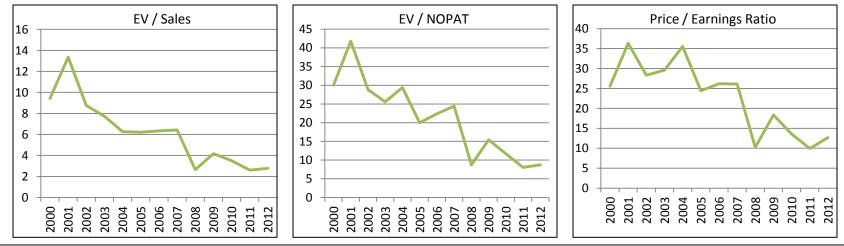


Are Microsoft's Underlying Economics...



...outperforming its stock price?

AG









Trading Multiples								
	Enterprise	e Value as a l	Multiple of:		Price / Earnings			
						ex. cash &		
	Sales	EBITDA	EBIT	P/E	ex. cash	invest.		
2012	2.6	6.3	6.8	9.6	7.5	7.2		
2013E	2.4	5.7	6.4	9.1	7.0	6.8		
				Cash	Cash	cash & inv.		
Financial Results	Sales	EBITDA	EBIT	EPS	/share	/share		
2012	\$73,723	\$30,923	\$28,514	\$3.11	\$7.41	\$8.56		
2013E	\$80,000	\$34,344	\$30,122	\$3.29				

Current Market Capitalization	
Market Price	\$ 30.00
x Diluted Shares Outstanding (M)	8,506
= Equity Value	\$ 255,180
+ Total Debt	\$ 11,944
- Cash & Equivalents	\$ 63,040
- Investments	\$ 9,776
= Enterprise Value	\$ 194,308
Cash / Share	\$ 7.41
Cash + Investments / Share	\$ 8.56
Cash + Investments as a % of Market Value	29%

"The stock market is filled with individuals who know the <u>price</u> of everything, but the <u>value</u> of nothing." -Philip Fisher

What is the Value of MSFT?

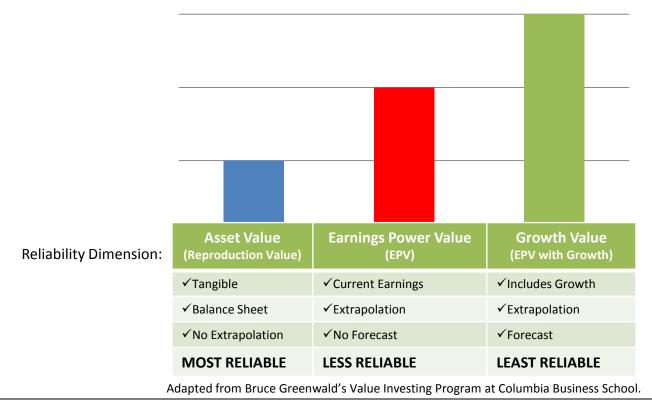






Trading at a significant discount to intrinsic value?

- Value comes from three main sources: Assets, Earnings Power and Growth.
- Separate the good information from the bad information.









ADJUSTMENTS FOR REPRODUCTION VALUE

Assets	BV @ 6/30/12	Adjustment	Reproduction	Notes:
Cash & Short Term Investments	\$ 63,040		\$ 63,040	
Receivables, Net	\$ 15,780	\$ 389	\$ 16,169	Add back provision
Inventories	\$ 1,137		\$ 1,137	FIFO accounting
Other Current Assets	\$ 5,127		\$ 5,127	
Total Current Assets	\$ 85,084	\$ 389	\$ 85,473	
Property, Plant, & Equipment, net	\$ 8,269		\$ 8,269	
Investments & Long-Term Receivables	\$ 9,776		\$ 9,776	
Goodwill and Intangibles	\$ 16,622	\$ (16,622)	\$ -	Discard.
Other Intangibles		\$ 82,846	\$ 82,846	3 years of SG&A and R&D exp.
Other Assets	\$ 1,520		\$ 1,520	
Total Assets	\$ 121,271	\$ 66,613	\$ 187,884	
Subtract Spontaneous Liabilities:				
Accounts Payable	\$ 4,175		\$ 4,175	
Income Taxes Payable	\$ 789		\$ 789	
Other Current Liabilities	\$ 26,493		\$ 26,493	
Provisions for Risks & Charges	\$-		\$ -	
Deferred Taxes	\$ 1,893		\$ 1,893	
Total Spontanious Liabilities	\$ 33,350		\$ 33,350	
Net Assets (Total Reproduction Value)	\$ 87,921		\$ 154,534	
ST Debt & Current Portion of LT Debt	\$ 1,231		\$ 1,231	
Long-Term Debt	\$ 10,713		\$ 10,713	
Other Liabilities	\$ 9,614		\$ 9,614	
Total Interest-bearing Debt	\$ 21,558		\$ 21,558	
Reproduction Cost of Equity	\$ 66,363		\$ 132,976	





What is the value of Microsoft's current earnings power (<u>excluding</u> future growth)?

Earnings Power Value	FY2012	<u>Line</u>
Normalized EBIT (ex. amort.)	\$ 28,894	1
+ 10% of R&D	\$ 981	2
+ 10% of SG&A	\$ 1,843	3
= EBIT adjusted	\$ 31,718	4
- tax @ 18% rate	\$ 5,709	5
+ 10% of D&A	\$ 220	6
= MSFT Earnings Power	\$ 26,229	7
/ Capitalization rate	8.0%	8
= Firm Earnings Power Value	\$ 327,857	9
- Debt	\$ 11,944	10
+ Cash and Investments	\$ 72,816	11
= Equity Earnings Power Value	\$ 388,729	12







What is the value of Microsoft's total earnings power (including future growth)?

EARNINGS POWER VALUE	
Assuming LT Growth of 3%	
Normalized EBIT	\$ 28,894
- tax	\$ 5,201
=NOPAT Earnings Power	\$ 23,693
+ Depreciation	\$ 2,200
+Other	
- Capex	\$ 2,305
- Change in WC	\$ (428)
= Free Cash Earnings Power	\$ 24,016
Discount rate	8.0%
Growth rate	3.0%
Implied multiple	20
Firm Earnings Power Value	\$ 480,326
- Debt	\$ 11,944
+Cash and Investments	\$ 72,816
= Equity Earnings Power Value	\$ 541,198

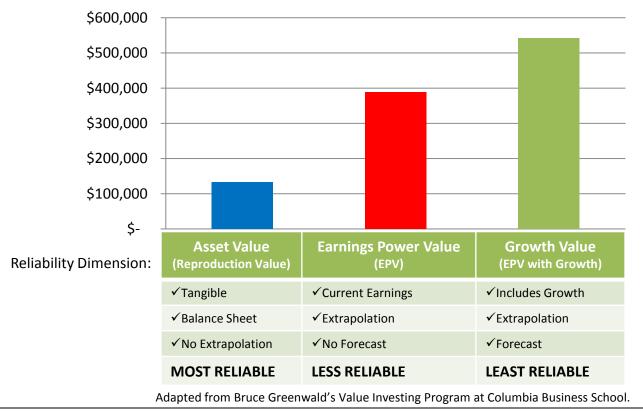






Equity Valuation of Microsoft:

- Asset Value = \$133 billion
- Earnings power value = \$389 billion. Growth does add value!
- ➢ Total intrinsic value likely between \$500 billion \$600 billion.



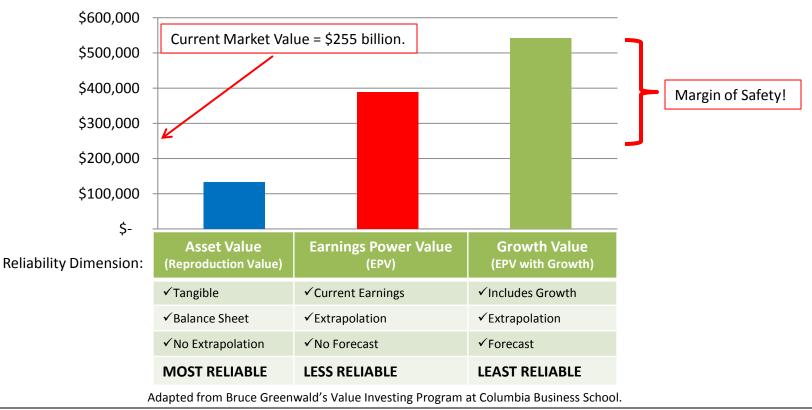






Equity Valuation of Microsoft:

- Asset Value = \$133 billion
- Earnings power value = \$389 billion. Growth does add value!
- Total intrinsic value likely between \$450 billion \$600 billion.





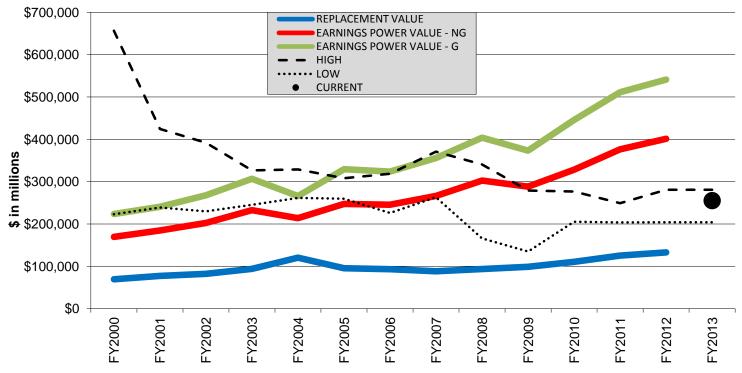


Stern



Trading at a significant discount to intrinsic value? (cont.)

- From 2000 through 2005, the stock was overvalued.
- In FY2009, the stock traded down close to reproduction value.
- Today (11/9/2012), MSFT's stock appears significantly undervalued.



MSFT Historical Valuation

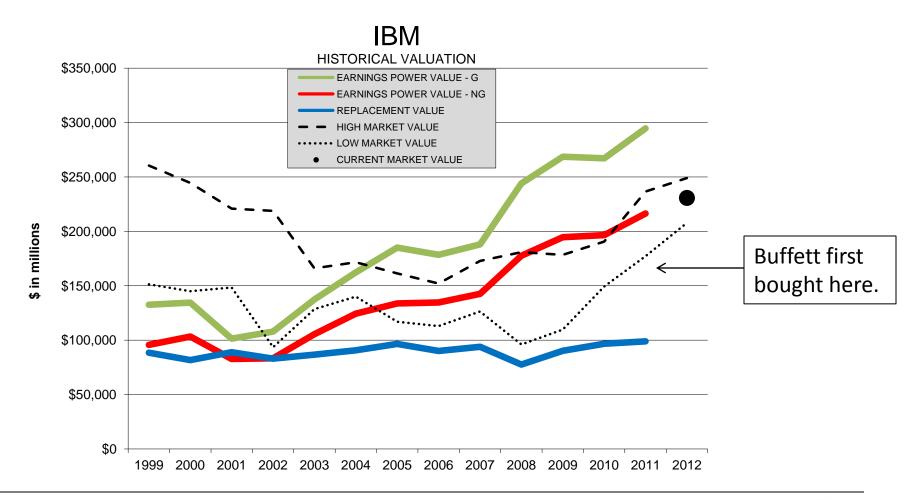




SIRE

Capital Management

Example of another dominant enterprise IT company...







Another way to look at it: Free Cash Flow Implied Rate of Return

Expected Forward Rate of Return		FY2012
Free Cash Flow Margin:		
FY2012		40%
3-yr avg.		37%
5-yr avg.		34%
Expected FY2013 FCF (using 5-yr avg. margin)	\$	27,233
Current Market Value of equity	\$	255,180
80% of cash and Investments on B/S	\$	70,861
FY 2012 non-operating interest income, net	\$	610
FCF Yield		10.7%
FCF Yield - adjusted for cash & investments		14.4%
+ Volume Growth		2.0%
+ LT Inflation		2.0%
= Implied Forward Rate of Return	14	.7% - 18.4%
MSFT current dividend yield		3.2%
10-year Treasury bond yield		1.65%





Exhibit 8

The value of Microsoft's Enterprise operating business without cash is \$31

Windows & Windows Live Division	\$14,841
Server and Tools	\$20,045
Online Services Division	\$0
Microsoft Business Division	\$21,676
Entertainment and Devices Division	\$0
Corporate-level activity - costs	(
Total	\$56,562
Enterprise EBIT	
Windows & Windows Live Division	\$9,710
Server and Tools	\$7,417
Online Services Division	\$0
Microsoft Business Division	\$13,864
Entertainment and Devices Division	\$0
Corporate-level activity - costs	(\$4,515
Total	\$26,475
Enterprise EBIT Margins	
Windows & Windows Live Division	65.4%
Server and Tools	37.0%
Online Services Division	NA
Microsoft Business Division	64.0%
Entertainment and Devices Division	NA
Corporate-level activity - costs	NA
Total	46.8%
Taxes	20%
NOPLAT	\$21,180
Avg PFE ex-cash (ORCL, SAP, CA)	12.3
MSFT Discounted Net Cash as of 3FQ13	67,088
Market Cap	\$326,582
Diluted Shares (M) 3FQ13	8,252
MSFT Enterprise Business per share value	\$39.58
ex-cash per share value of Enterprise	\$31.45

Source: Company reports, Capital IQ, Microsoft websites, Bernstein estimates and analysis

Current market value may only reflect the value of MSFT's Enterprise business.









Our Investment Tenets?

- ✓ Simple to understand?
- ✓ Have favorable long-term economic characteristics?
- ✓ Managed by honest and able managers?
- ✓ Can it be purchased at a significant discount to intrinsic value?

Conclusion:

- 1. Sticky Enterprise business, which accounts for lion's share of MSFT's value, is a sound, well-protected franchise.
- 2. Market value is roughly 65% of no-growth earnings power value.
- 3. Market value is roughly 50% of intrinsic value.
- 4. Free cash flow-based implied forward rate of return = 14% 18%.
- 5. Getting the Consumer business for free?
- 6. The stock should be bought with a large position!





	Micros	Soft
Purchase Price:	Recommendation:	<u>Sell Price:</u>
BELOW \$40	BUY	ABOVE \$55

A Stock Presentation November 9, 2012		
Vivien Sung	Deependra Mookim	Daren Taylor
(2014)	(2015)	(2000)



