

# VALENS RESEARCH

**Return Driven Strategy** 

Professor Joel Litman January 2017

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#### What is strategy?

## "Big thinking with little follow-up"

## *"Un-realistic, un-implementable ideas"*

## "High-priced consultants"

"A waste of time"

## "It's execution that matters anyway"

"Who said these day-long seminars were worth anything?

I'd rather have gotten something done"

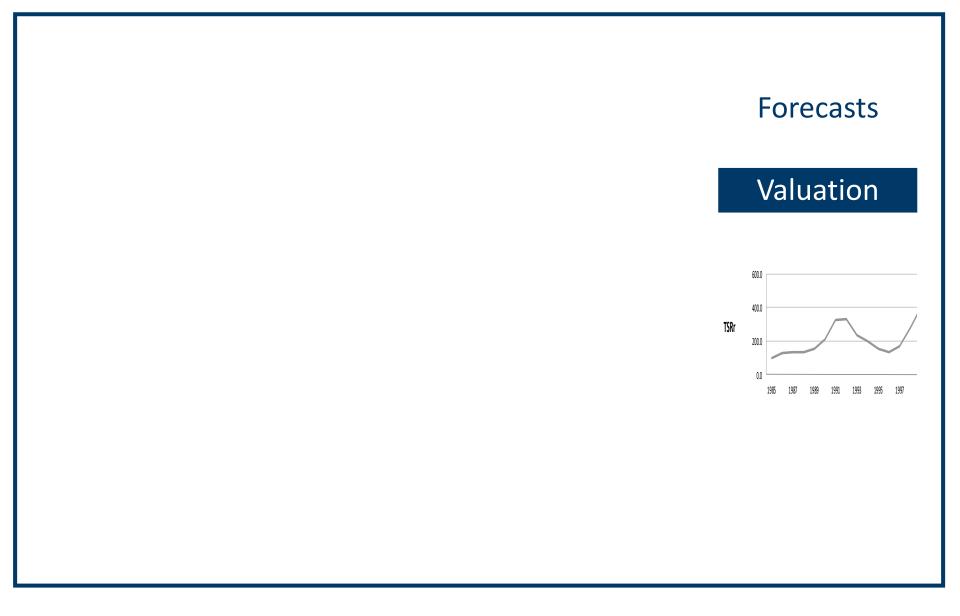
#### Strategies and strategic planning disappoints

#### What is "Strategic Planning?"

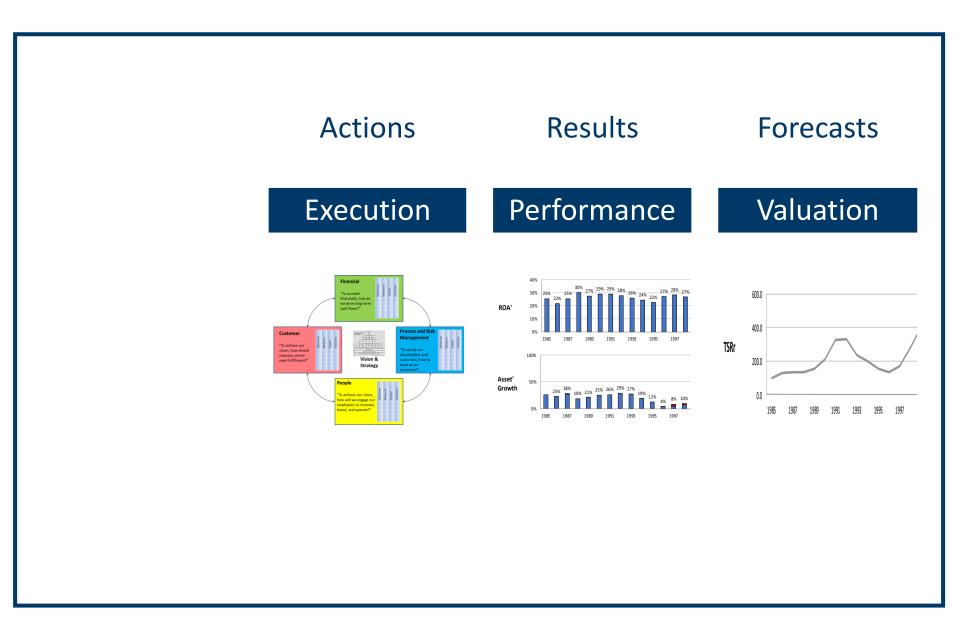
- Targets are set simply by challenging prior year performance
- Managers complain 90% of time spent spreadsheet-building rather than real analysis
- Business units manipulate plans downward to maximize incentive bonus potential
- Corporate managers argue over arbitrary or uncontrollable factors: betas, multiples, calculations

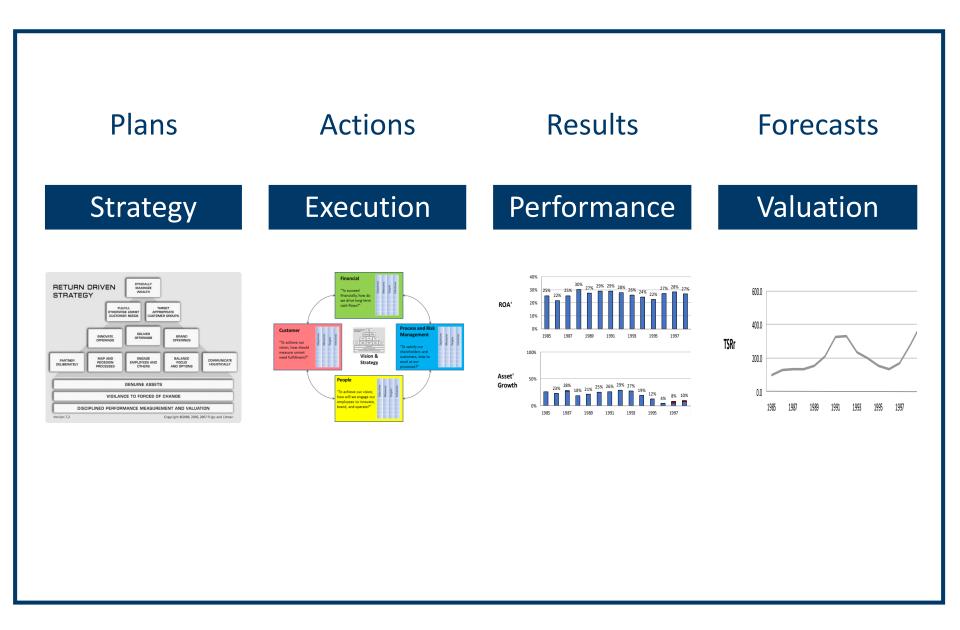
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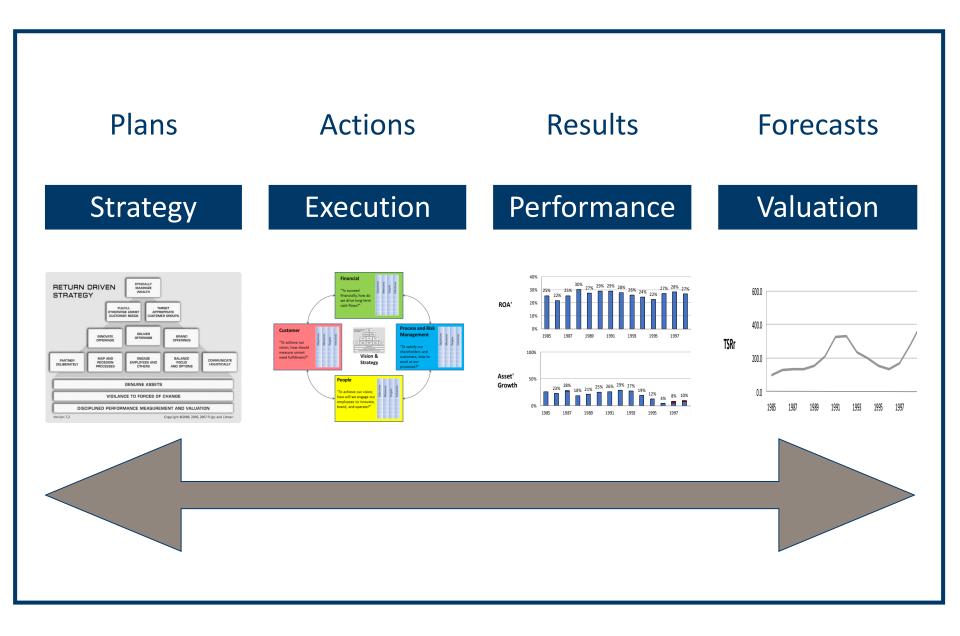
What is termed "strategic planning" is often not strategy at all

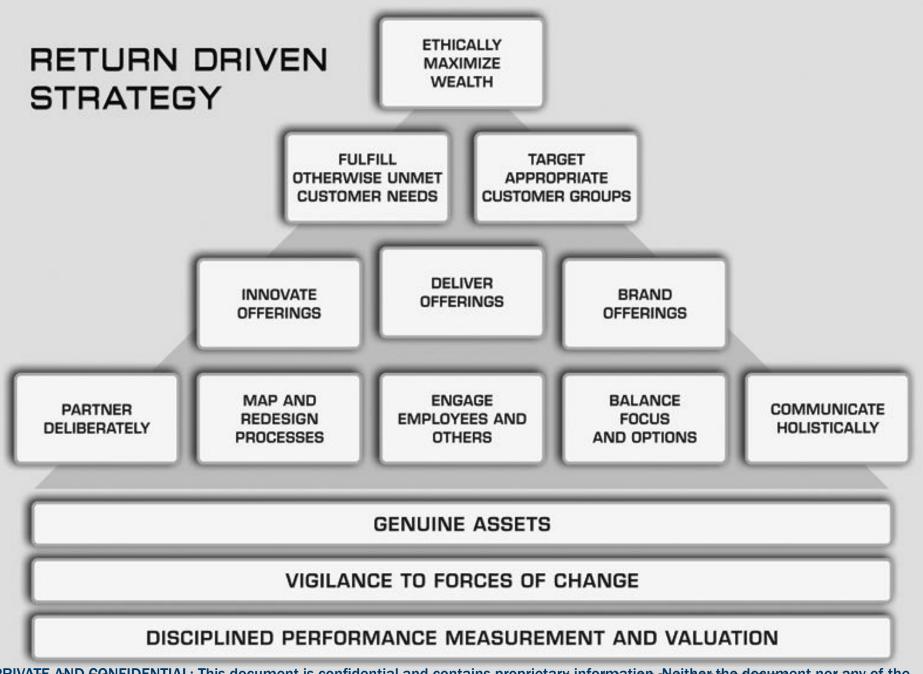


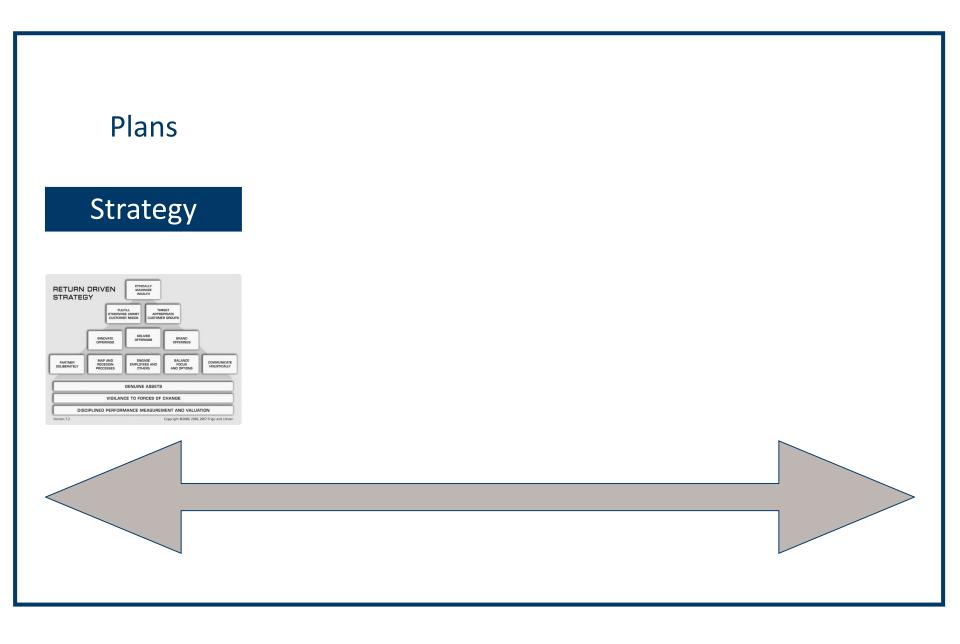


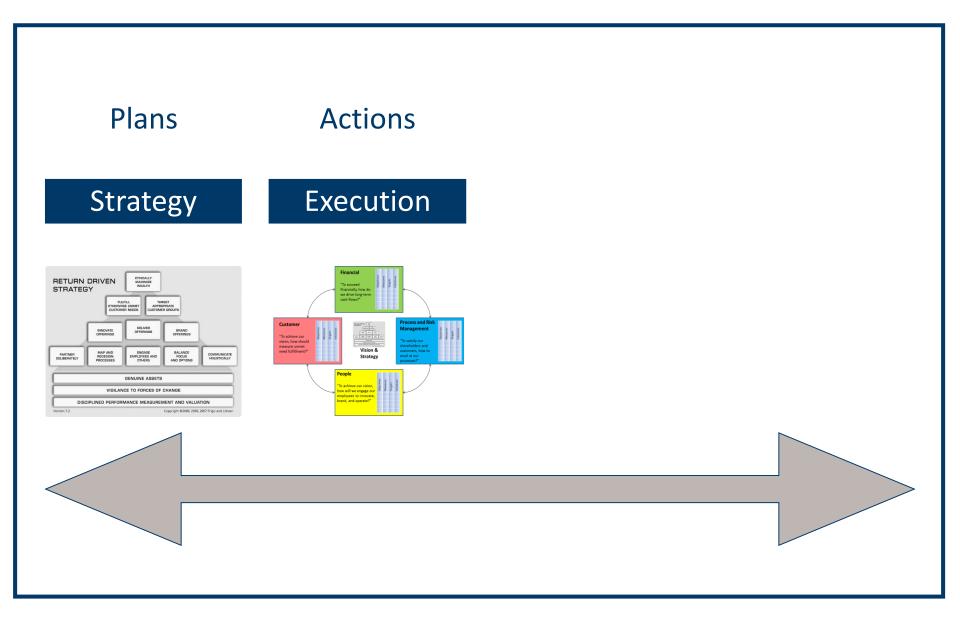


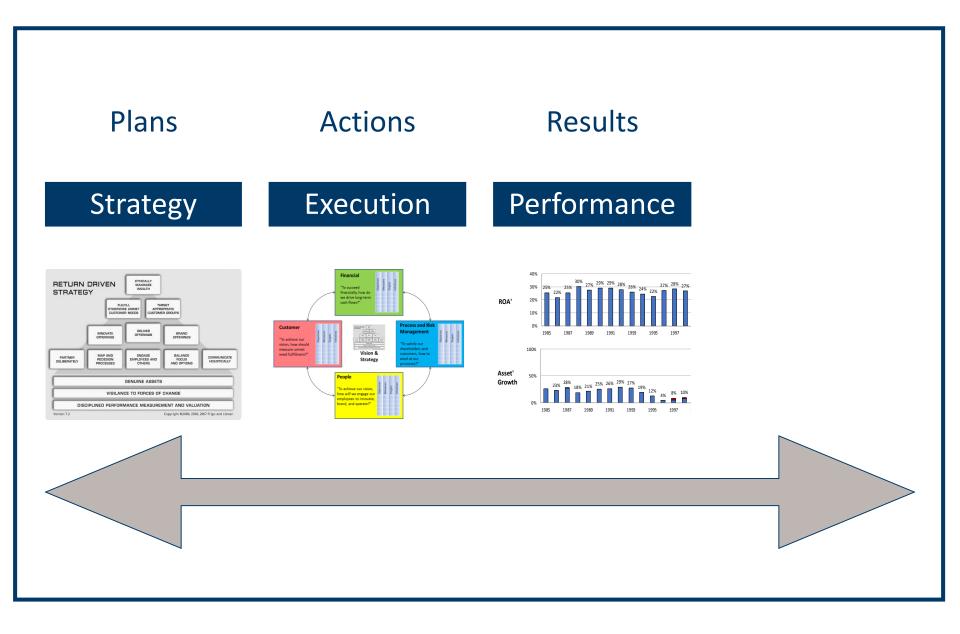


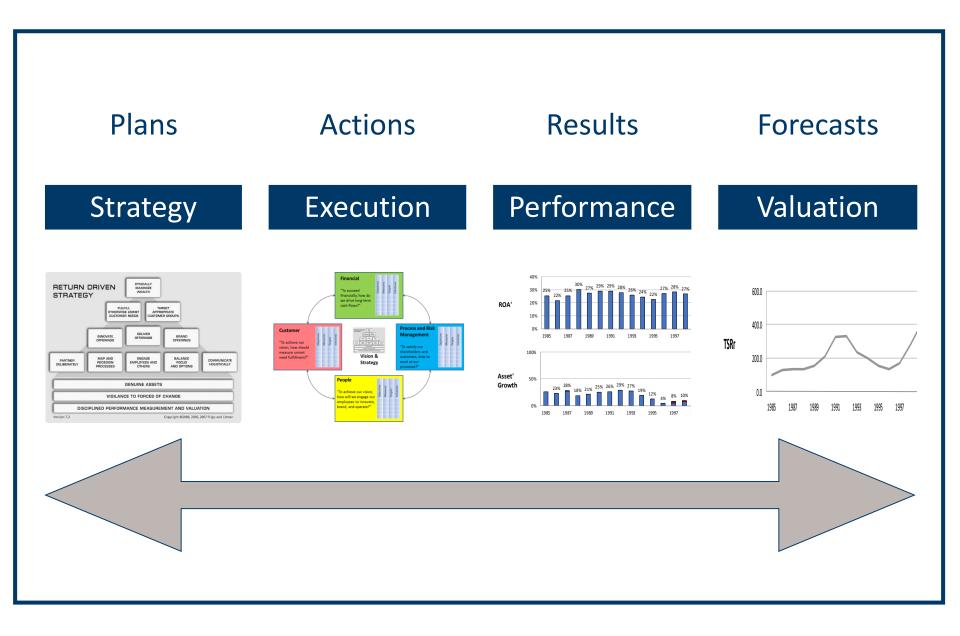


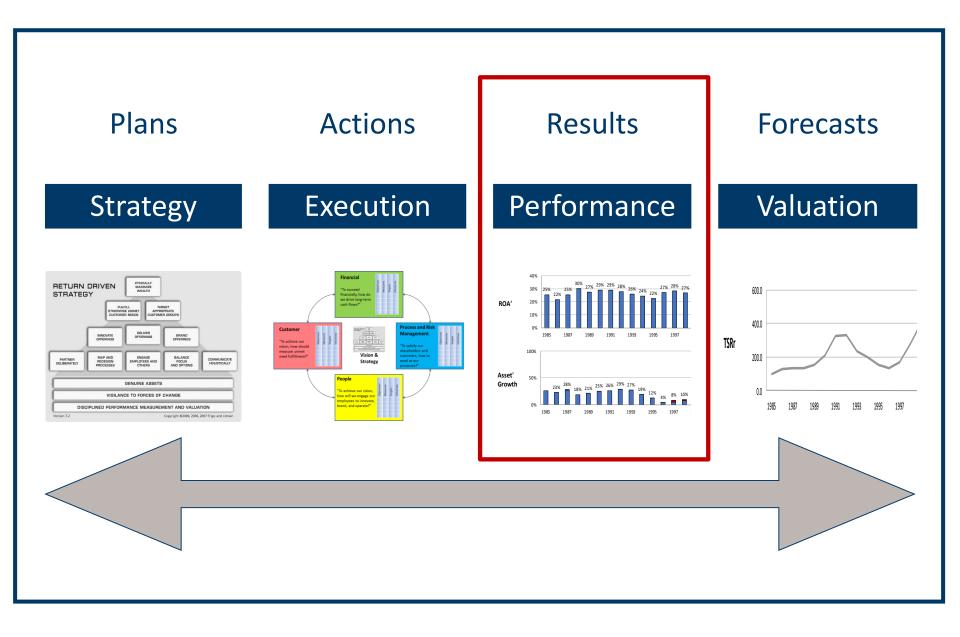






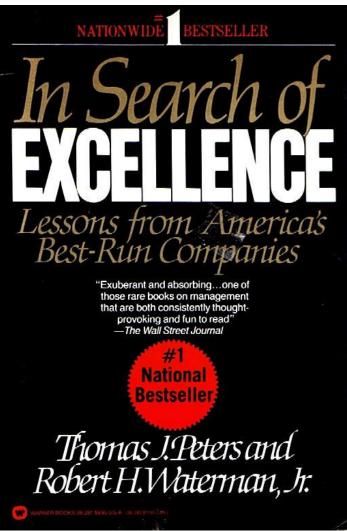




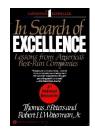


#### In Search of Excellence?

#### "In Search of Excellence," 1983 By Thomas Peters & Robert Waterman, Jr.



#### "In Search of Excellence," 1983 By Thomas Peters & Robert Waterman, Jr.

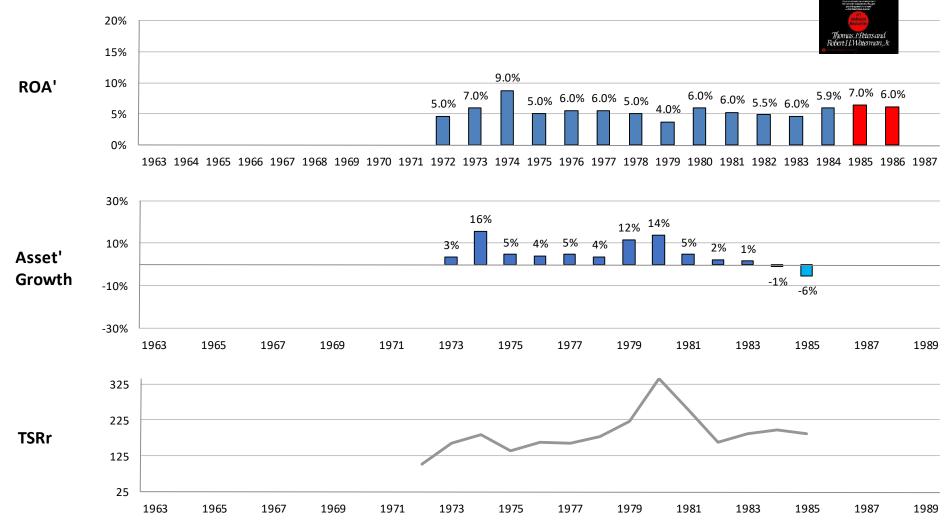


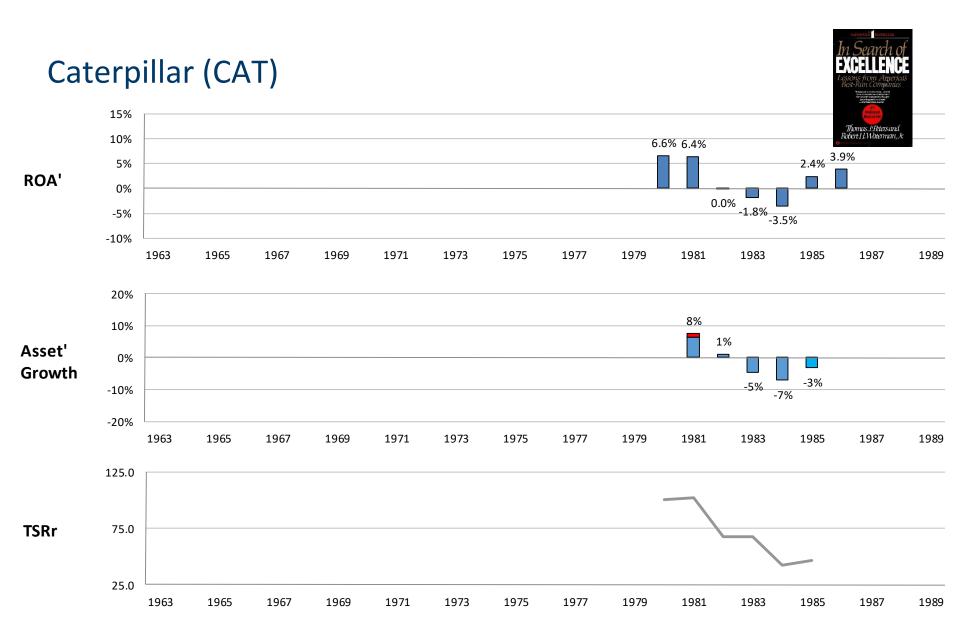
	32 Pu	blicly T	raded "	Most E	xcellent"	Companies	(The Excellence I	ndex)
--	-------	----------	---------	--------	-----------	-----------	-------------------	-------

3M CO	MMM	Frito-Lay (Pepsi)	PEP
Amdahl	AMH	Hewlett-Packard	HPQ
Amoco	AN	IBM	INTC
Avon Products	AVP	Intel	IBM
Boeing	BA	Johnson & Johnson	JNJ
<b>Bristol-Meyers Squibb</b>	BMY	K-Mart (LBO)	
Catepillar	CAT	Maytag (Whirlpool)	WHR
Dana Corp	DCNA	McDonalds	MCD
Data General	DGN	Merck	MRK
Delta Airlines	DALR	National Semiconductor	NSM
Digital Equipment	DEC	Procter & Gamble	PG
Disney	DIS	Reychem	RYC
Dow Chemical	DOW	Schlumberger	SLB
Du Pont	DD	Texas Instruments	TXN
Eastman Kodak	EK	Wal-Mart	WMT
Emerson Electric	EMR	Wang Labs	WANG

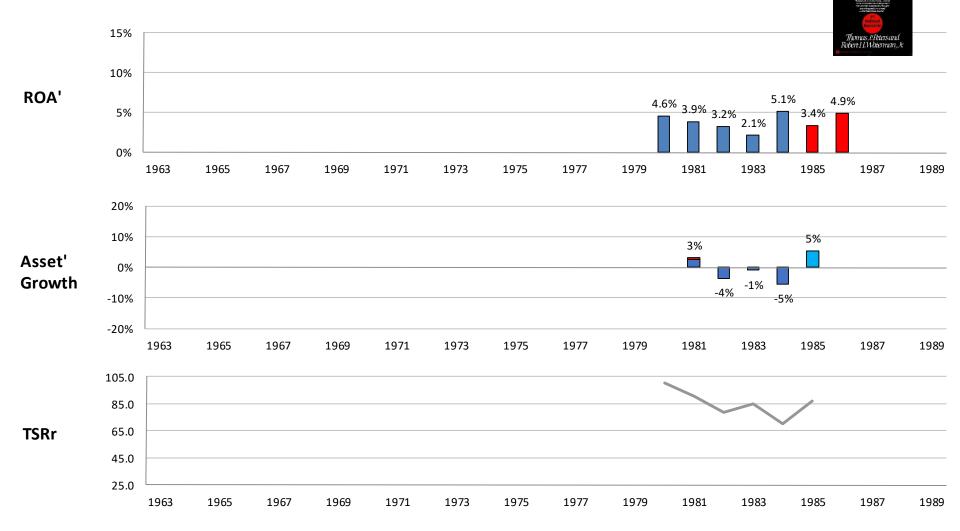
Source: http://www.forbes.com

## Amoco (AN)

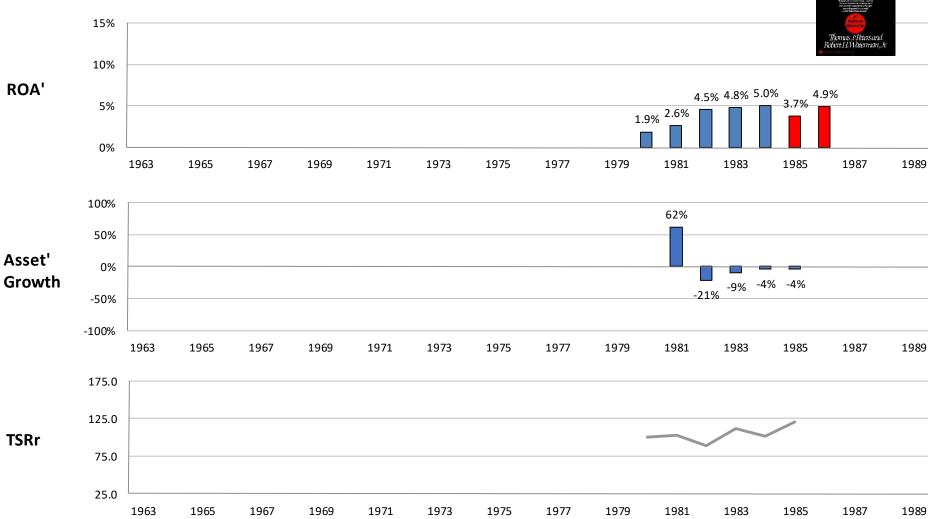




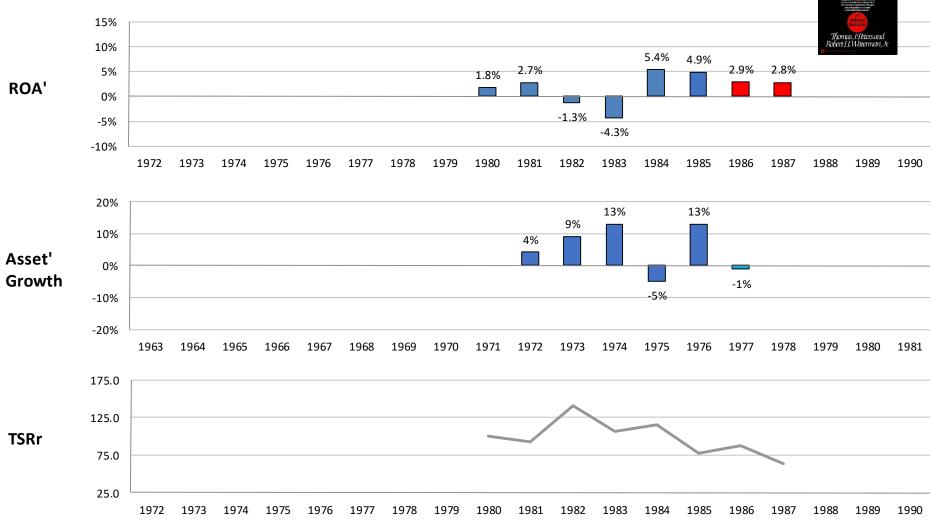
### Dow Chemical (DOW)



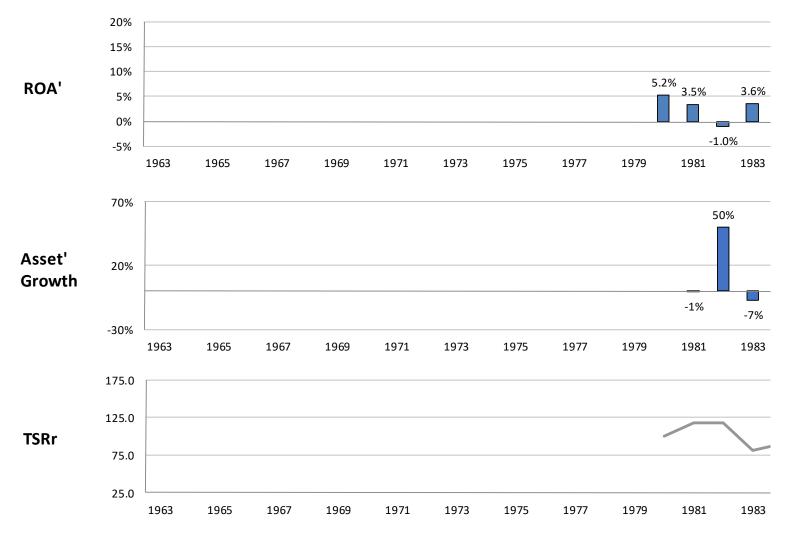
## Du Pont (DD)



## Delta Airlines (DALR)

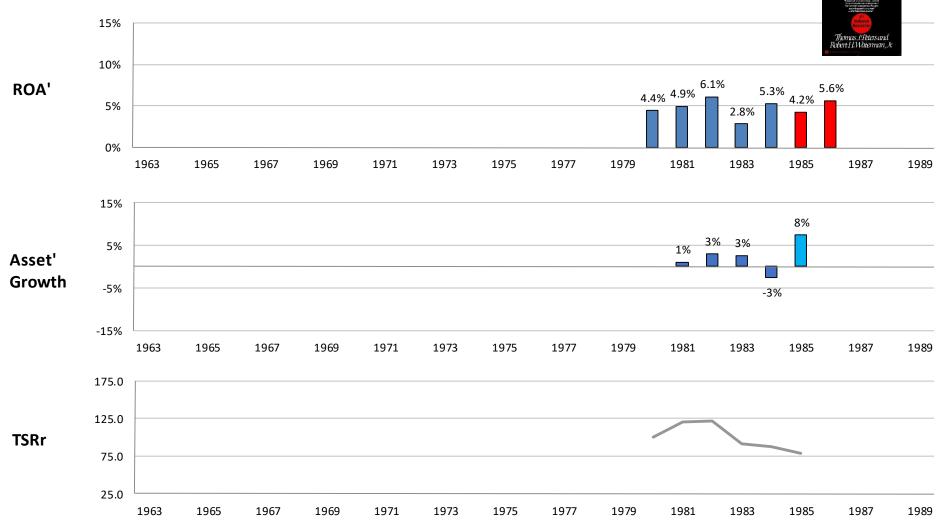


## Walt Disney (DIS)

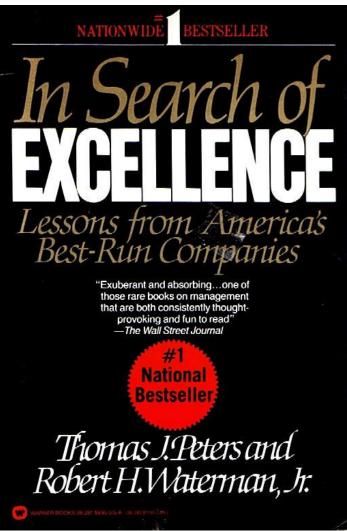




#### Eastman Kodak (EK)



#### "In Search of Excellence," 1983 By Thomas Peters & Robert Waterman, Jr.



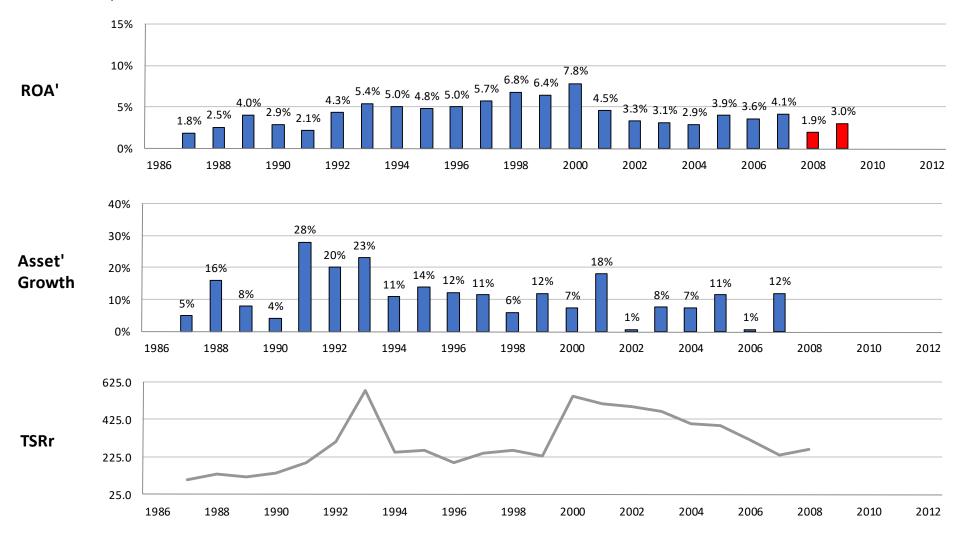
TOP TE	FORTUNE	Total Return	
Rank	Company	2001	1996-2001
1	General Electric	-15.1%	21.2%
2	Southwest Airlines	-17.3%	33.7%
3	<u>Wal-Mart Stores</u>	9.0%	39.1%
4	Microsoft	52.7%	26.3%
5	<u>Berkshire Hathaway</u>	6.5%	17.3%
6	Home Depot	12.1%	36.0%
7	Johnson & Johnson	14.0%	20.5%
8	FedEx	29.8%	18.5%
9	<u>Citigroup</u>	0.1%	28.9%
10	Intel	4.9%	14.1%
	Top ten average	9.7 %	25.5 %
	S&P 500	-11.89%	10.70%

From the Mar. 04, 2002 Issue

#### SOUTHWEST AIRLINES (LUV)



Price: 13.45 (May 2, 2008)

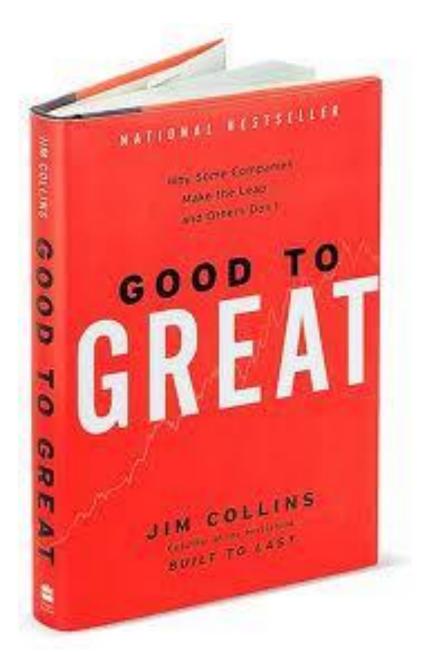


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Airlines Market Cap : 9.883 USD

#### From 1,435 companies studied, authors found 11 "Great" companies\*

Abbott Laboratories Circuit City Fannie Mae Gillette Co. Kimberly-Clark Corp. Kroger Co. Nucor Corp. Philip Morris Cos. Inc. Pitney Bowes Inc. Walgreen Co. Wells Fargo



\*Good to Great: Why Some Companies Make the Leap ... And Others Don't ( HarperBusiness, 2001 )

The popularity of "Good to Great" has been immense

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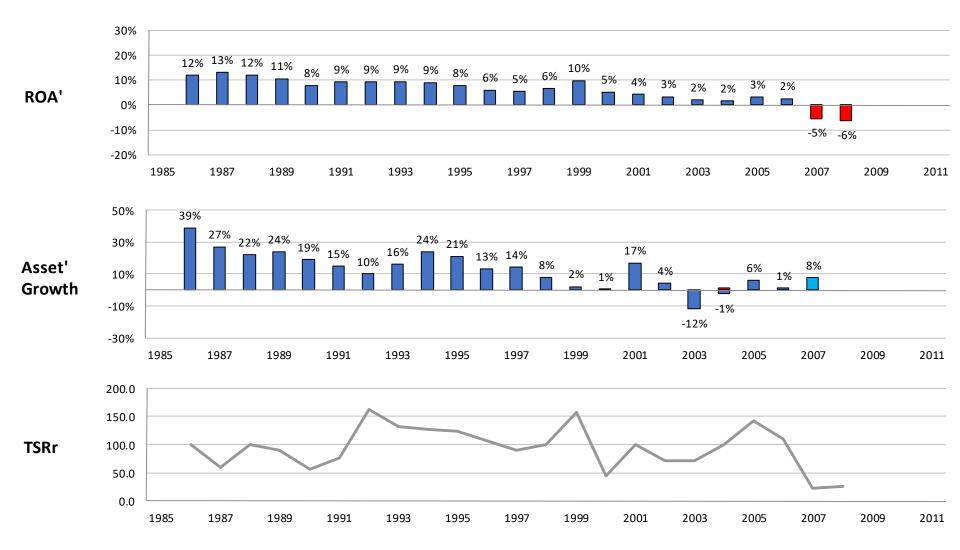
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\*Good to Great: Why Some Companies Make the Leap ... And Others Don't (HarperBusiness, 2001)

# What was the method used for determining this select group?

### **CIRCUIT CITY STORES INC (CC)**

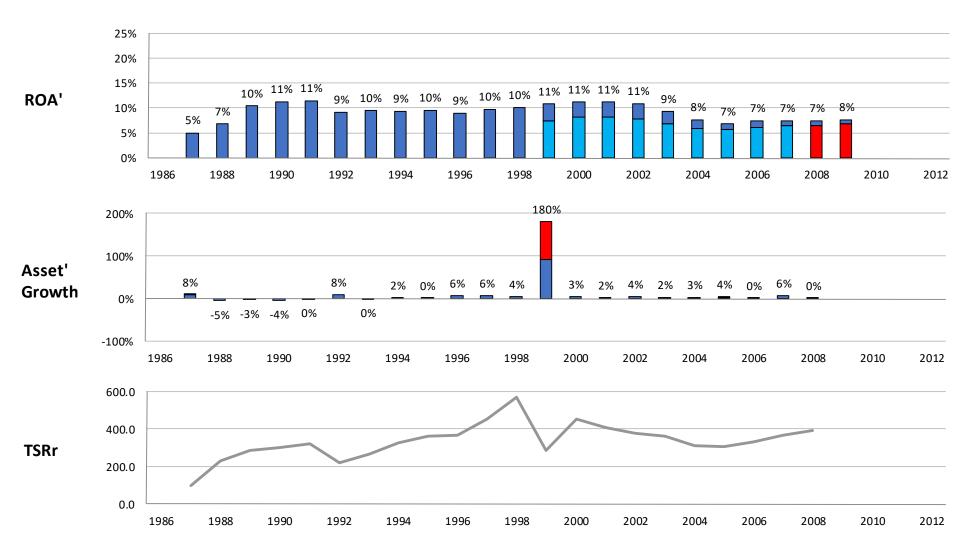
Computer & Electronics Retail Market Cap : 0.818 USD Price: 4.86 (May 2, 2008)



### **KROGER CO (KR)**

### Food Retail Market Cap : 18.146 USD

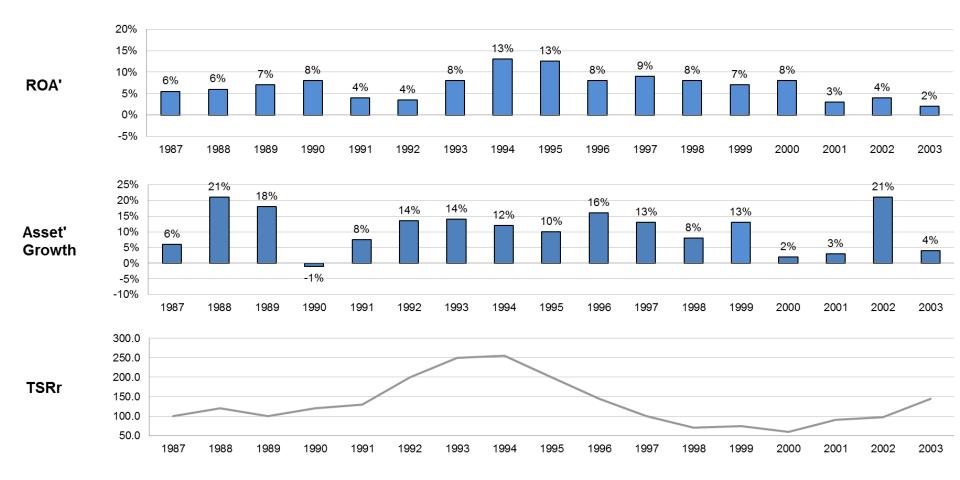
Price: 27.37 (May 2, 2008)



### NUCOR CORP (NUE)

### Steel Market Cap : 21.398 USD

Price: 74.30 (May 2, 2008)



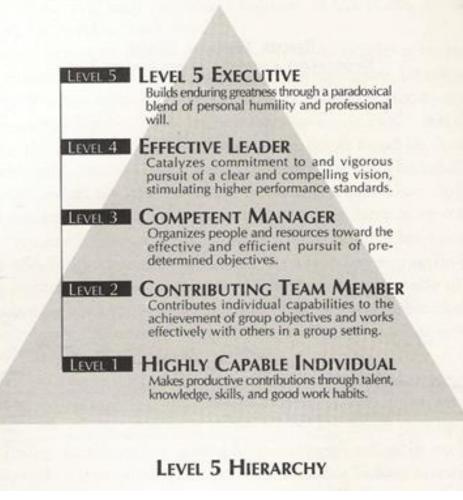
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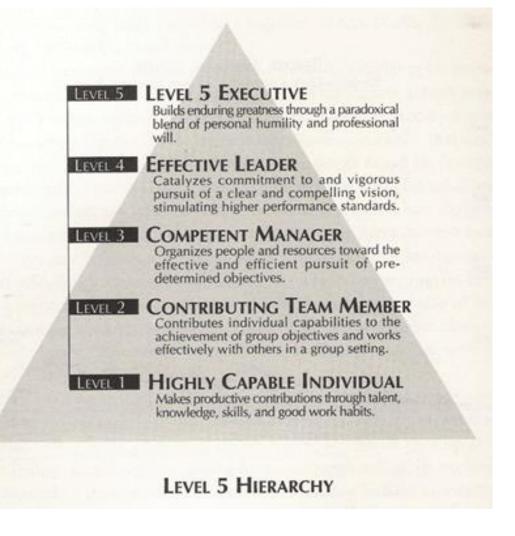
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\*Good to Great: Why Some Companies Make the Leap ... And Others Don't (HarperBusiness, 2001)

## Does the conclusion for "Level 5 Leadership" hold water?



## Does the conclusion for "Level 5 Leadership" hold water?



Are "great" business leaders meek and un-charismatic?

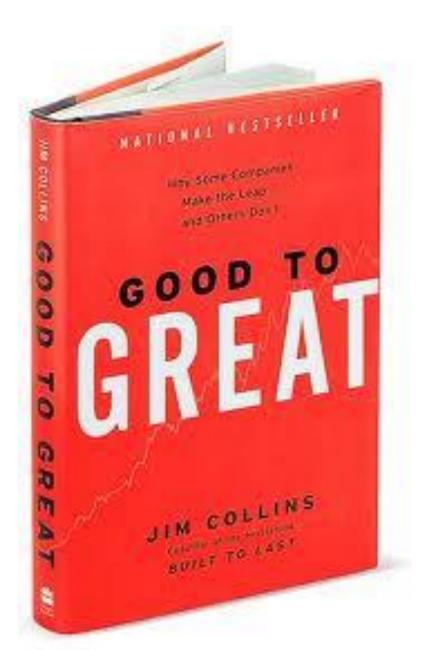
> Schwab Ellison Goizueta Walton Bloomberg Jobs Welch Sloan

From 1,435 companies studied, authors found 11 "Great" companies\*

Abbott Laboratories Circuit City Fannie Mae Gillette Co. Kimberly-Clark Corp. Kroger Co. Nucor Corp. Philip Morris Cos. Inc. Pitney Bowes Inc. Walgreen Co. Wells Fargo

# A better title?

\*Good to Great: Why Some Companies Make the Leap ... And Others Don't (HarperBusiness, 2001)



Screening for great strategy

and high performance

# What is "great business strategy"?

**Great business strategy results in great business performance** 

So, study the high-performers: Long-term approach to be certain

- 10+ Years ROA' about double (2x) or more the cost of capital, AND
- 10+ Years Asset' Growth rates exceeding GDP (2x), AND
- 10+ Years TSR consistent with ROA's and Growth

## Companies that have exhibited extraordinary performance



# What is "great business strategy"?

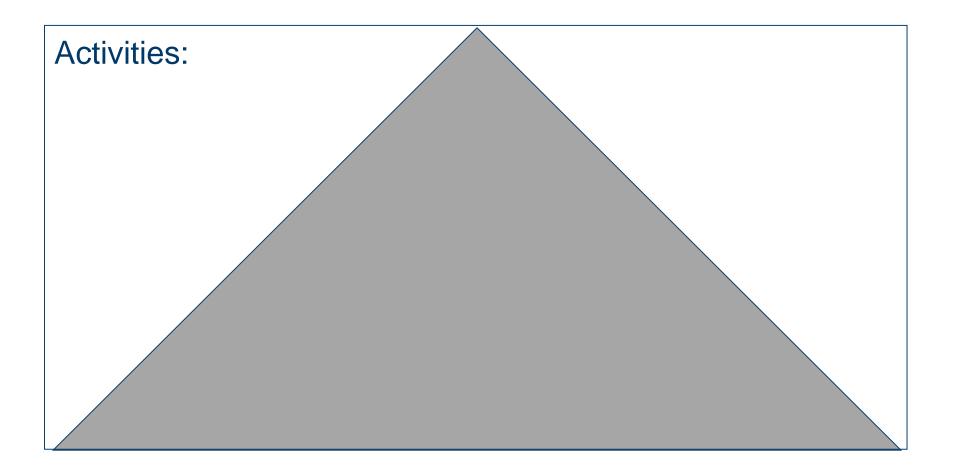
**Great business strategy results in great business performance** 

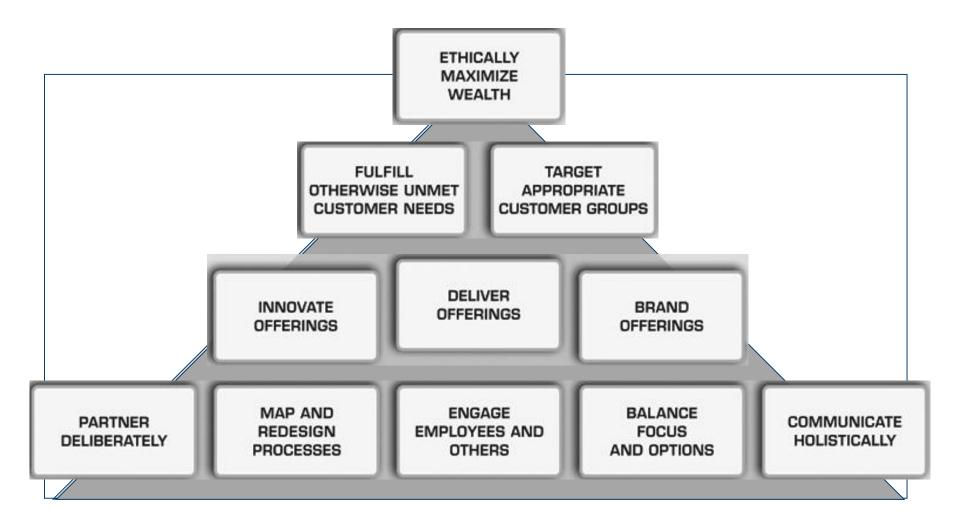
So, study the high-performers: Long-term approach to be certain

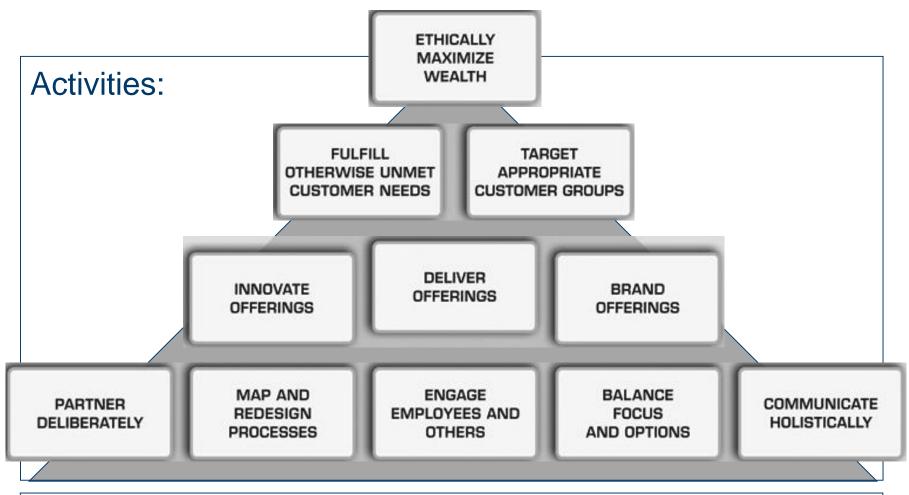
- 10+ Years ROA' about double (2x) or more the cost of capital, AND
- 10+ Years Asset' Growth rates exceeding GDP (2x), AND
- 10+ Years TSR consistent with ROA's and Growth

### 40,000+ companies screened globally over 40+ years of performance

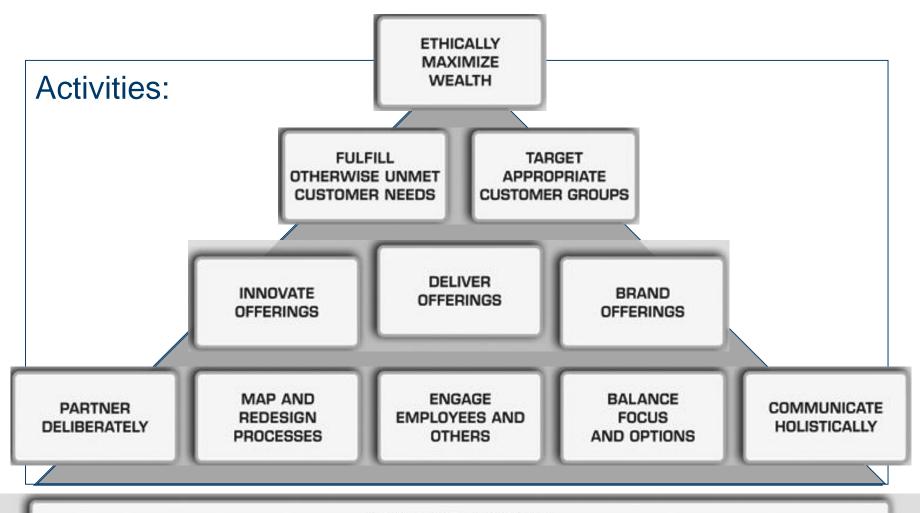
- Common activities that led to great performance
- Common activities that led to poor performance







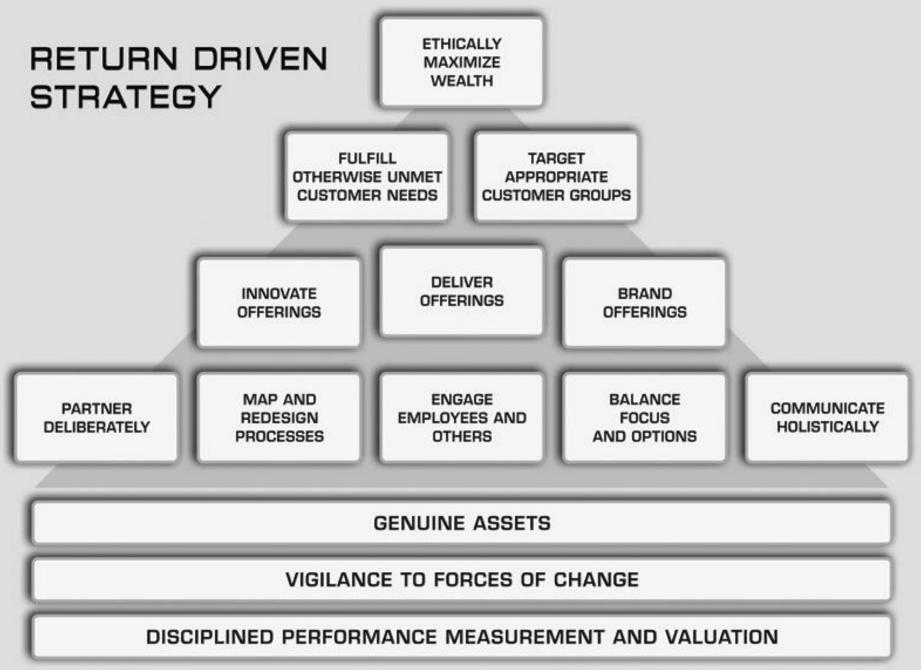
Foundations:



### GENUINE ASSETS

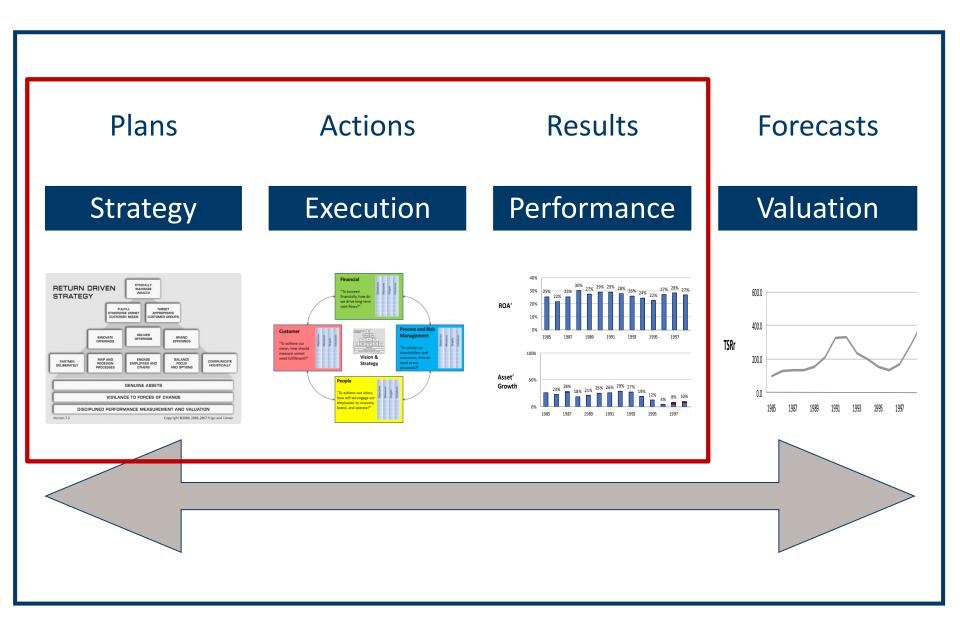
### VIGILANCE TO FORCES OF CHANGE

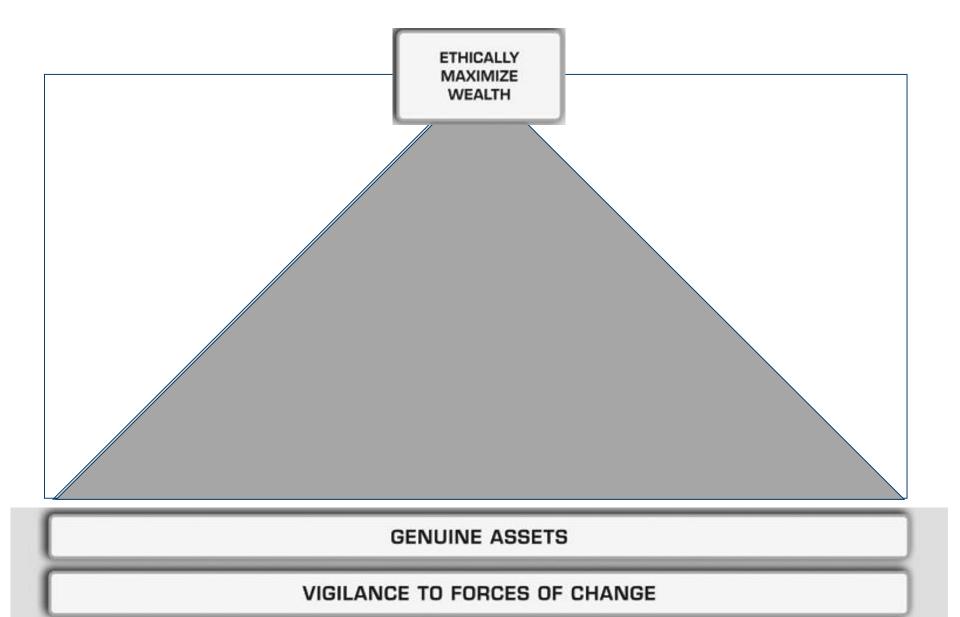
### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION



Version 7.2

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### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION

Insights from Return Driven Strategy



# The SEC Required **Definitive Schedule 14A**

# "The DEF14A"

DEF 14A 1 d869382ddef14a.htm DEF 14A

**Table of Contents** 

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

### **SCHEDULE 14A**

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the Registrant 🗹

Filed by a Party other than the Registrant  $\Box$ 

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, For Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- □ Soliciting Material Pursuant to §240.14a-12

MORGAN STANLEY

(Name of Registrant as Specified in Its Charter)

(Name of Person(s) Filing Proxy Statement, if Other Than the Registrant)						
Paymen	t of Filing	Fee (Check the appropriate box):				
$\checkmark$	No fee required.					
	Fee computed on table below per Exchange Act Rules 14a-6(i)(4) and 0-11.					
	(1)	Title of each class of securities to which transaction applies:				
	(2)	Aggregate number of securities to which transaction applies:				
	(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):					
	(4)	Proposed maximum aggregate value of transaction:				
	(5)	Total fee paid:				

□ Fee paid previously with preliminary materials:

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount previously paid:

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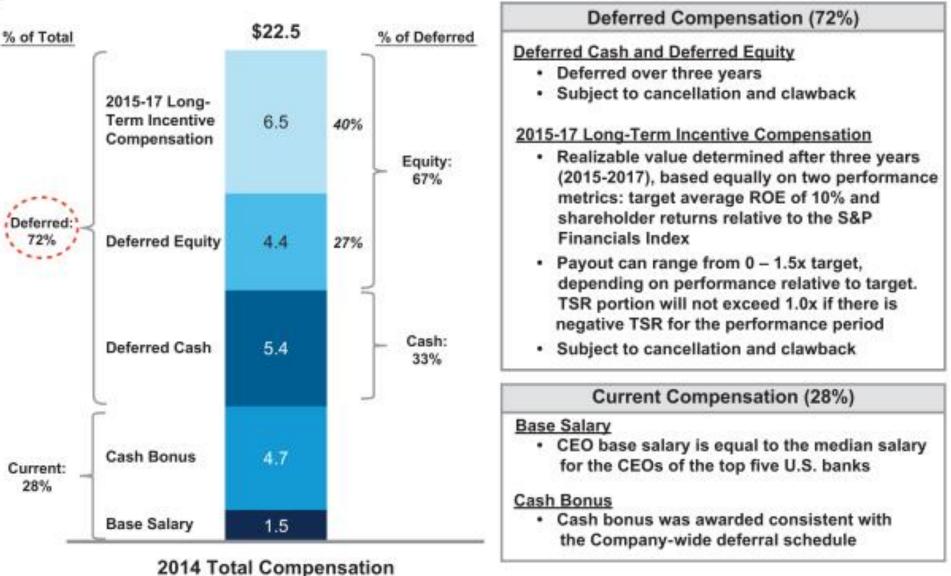
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"...evaluated Company performance against a number of financial and market metrics on an absolute basis and relative to a comparison group comprised of Bank of America Corp., Barclays Plc, Citigroup Inc., Credit Suisse Group, Deutsche Bank AG, Goldman Sachs Group Inc., JPMorgan Chase & Co., UBS AG, and Wells Fargo & Company"

CEO Compens	sation Range	Evaluating CEO Performance	
\$23 Million or Mo	Expected Range of Annual Performance Compensation + Long Term Incentive Award	<ul> <li>CEO and Company performance, as well as shareholder returns, substantially exceed expectations</li> </ul>	<ul> <li>Morgan Stanley's shareholder performance was extremely strong – #1 compared to both our U.S. and global peers</li> <li>CEO performance was outstanding – as Morgan Stanley continued to execute strategy set by the CEO</li> <li>Excluding the subsequent event, Morgan Stanley made good progress with room for continued improvement on ROE</li> </ul>
		<ul> <li>CEO performance exceeds expectations</li> <li>Strong Company performance and shareholder returns with room for continued progress</li> </ul>	
\$18 Million		<ul> <li>CEO performance meets expectations</li> <li>Company performance and shareholder returns generally in line with peers with room for continued progress</li> </ul>	
		<ul> <li>CEO performance could be improved</li> <li>Company performance and shareholder returns could be improved</li> </ul>	
\$13 Million or Les	55	<ul> <li>CEO and/or Company performance, as well as shareholder returns, substantially below expectations</li> </ul>	

### \$ Million



### **Strategic Objective**

Continue to improve Wealth Management margins through cost discipline and revenue growth

Improve Fixed Income and Commodities ROE: risk-weighted assets (RWAs) reductions and strategic solution for Commodities

Additional expense reductions and improvement in expense ratios

Progress regarding Morgan Stanleyspecific growth opportunities: most notably, the U.S. Bank

### **Strategic Objective**

Continue to improve Wealth Management margins through cost discipline and revenue growth

Improve Fixed Income and Commodities ROE: risk-weighted assets (RWAs) reductions and strategic solution for Commodities

# Additional expense reductions and improvement in expense ratios

Progress regarding Morgan Stanleyspecific growth opportunities: most notably, the U.S. Bank

### 2014 Progress

Increased Wealth Management pretax margin<sup>(6)</sup> from 18% in 2013 to 20% in 2014<sup>(7)</sup>

On track to achieve stated goal of 22-25% by year-end 2015

Reduced Basel III RWAs<sup>(10)</sup> in Fixed Income and Commodities from \$280 billion at year-end 2012 to \$210 billion at year-end 2013 and \$188 billion at year-end 2014 (excluding lending)

On track to achieve year-end 2015 target of <\$180 billion

Sold/divested TransMontaigne Inc. and CanTerm Canadian Terminals. Committed to selling Global Oil Merchanting business

Non-compensation efficiency ratio (adjusted non-compensation expenses / net revenue) improved from 30% in 2013 to 29% in 2014<sup>(11)</sup>

Institutional Securities incentive compensation restructured in order to reduce compensation to net revenue ratio to 39% or less starting in 2015

Combined U.S. Bank assets increased 21%, from \$125 billion at yearend 2013 to \$151 billion at year-end 2014

Combined U.S. Bank loan balances grew 70%, from \$35.0 billion at year-end 2013 to \$59.6 billion at year-end  $2014^{(12)}$ 

Monetary goals:

Level of cash flow

Volatility/stability of cash flow

Purpose of the cash flow

Monetary goals:

Level of cash flow

Volatility/stability of cash flow

Purpose of the cash flow

And, what are the non-monetary goals?







Home

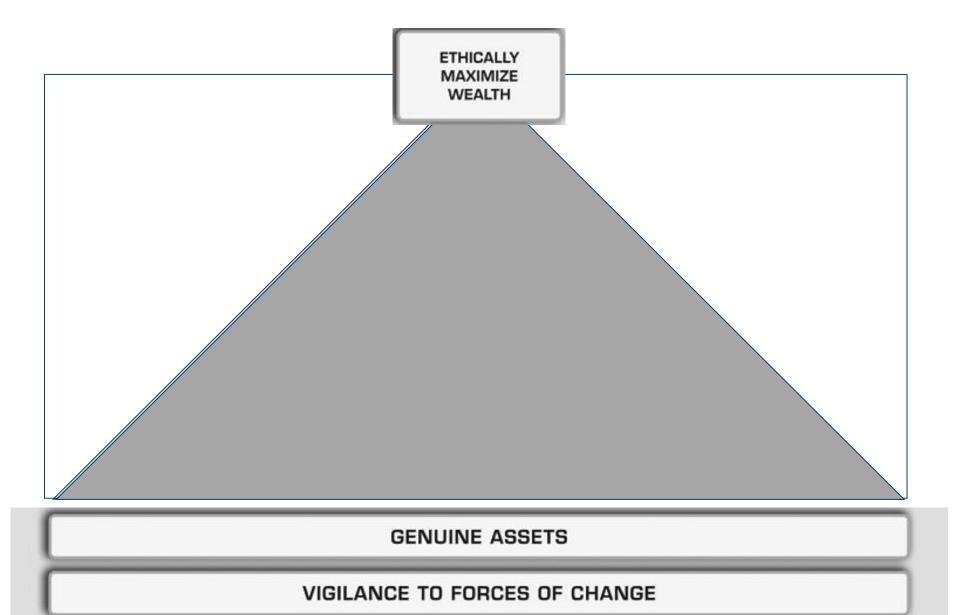
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# In order to achieve wealth, shouldn't we first define it?









### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION

Insights from Return Driven Strategy



# Why Ethics?

Rule No. 1 Rule No. 2



MARK L. FRIGO JOEL LITMAN

Rules number one and two...

Rules number one and two...

# Enron

## ENRON SCANDAL (2001)

### COMPANY

Houston-based commodities, energy and service corporation

### WHAT HAPPENED

Shareholders lost \$74 billion,

thousands of employees and investors lost their retirement accounts, and many employees lost their jobs.



### MAIN PLAYERS



CEO Jeff Skilling and former CEO Ken Lay

### PENALTIES

Lay died before serving time; Skilling got **24 years in prison.** The company filed for bankruptcy. Arthur Andersen was found guilty of fudging Enron's accounts.

### HOW THEY DID IT

Kept huge debts off the balance sheets.

### HOW THEY GOT CAUGHT

Turned in by internal whistleblower Sherron Watkins; high stock prices fueled suspicions.



### **FUN FACT**

Fortune Magazine named Enron "America's Most Innovative Company" for six years in a row prior to the scandal.





Rules number one and two...

# Enron, Worldcom

# WORLDCOM SCANDAL (2002)

COMPANY

WORLDCOM

Telecommunications company; now MCI, Inc.

### WHAT HAPPENED

Inflated assets by as much as

**\$11 billion,** leading to 30,000 lost jobs and \$180 billion in losses for investors.



\$11B 30,000 \$180B

MAIN PLAYER

CEO Bernie Ebbers

### HOW HE DID IT

Underreported line costs by capitalizing rather than expensing, and inflated revenues with fake accounting entries.



### HOW HE GOT CAUGHT

WorldCom's internal auditing department uncovered **\$3.8 billion** in fraud.

### PENALTIES

CFO was fired, controller resigned, and the company filed for bankruptcy. Ebbers **sentenced to 25 years for fraud,** conspiracy and filing false documents with regulators.



### FUN FACT

Following the scandal, Congress passed the Sarbanes-Oxley Act, introducing the most sweeping set of new business regulations since the 1930s.



Rules number one and two...

# Enron, Worldcom, Adelphia, Tyco, Waste Management

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# WASTE MANAGEMENT SCANDAL (1998)

#### COMPANY

Houston-based, publicly traded waste management company



#### WHAT HAPPENED

Reported **\$1.7 billion** in fake earnings.



#### MAIN PLAYERS

Founder/CEO/Chairman Dean L. Buntrock and top executives



#### HOW THEY DID IT

The company allegedly falsely increased the depreciation time length for their property, plant and equipment on the balance sheets.



#### HOW THEY GOT CAUGHT

A new CEO and management team went through the books.



#### PENALTIES

Settled a shareholder class-action suit for **\$457 million;** SEC fined Arthur Andersen **\$7 million.** 



#### FUN FACT

After the scandal, the new CEO A. Maurice Meyers set up an anonymous company hotline where employees could report dishonest or improper behavior.



Rules number one and two...

Enron, Worldcom, Adelphia, Tyco, Waste Management, Rite Aid, ZZZZ Best, Krispy Kreme, Computer Associates, Global Crossing, Lucent, Microstrategy, Sunbeam, Xerox, Tyco

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### TYCO SCANDAL (2002)

#### COMPANY

tyco

New Jersey-based blue-chip Swiss security systems company

#### WHAT HAPPENED

CEO & CFO stole \$150 million and inflated company income by \$500 million.



#### MAIN PLAYERS

CEO Dennis Kozlowski and former CFO Mark Swartz



#### HOW THEY DID IT

Siphoned money through unapproved loans and fraudulent stock sales. Money was smuggled out of the company disguised as executive bonuses or benefits.



#### HOW THEY GOT CAUGHT

SEC and Manhattan D.A. investigations uncovered questionable accounting practices, including large loans made to Kozlowski that were then forgiven.

#### PENALTIES

Kozlowski and Swartz were sentenced to **8-25 years in prison.** A class-action lawsuit forced Tyco to pay **\$2.92 billion** to investors.



#### FUN FACT

At the height of the scandal Kozlowski threw a **\$2 million birthday party** for his wife on an island, complete with a Jimmy Buffett performance.

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Rules number one and two...

Enron, Worldcom, Adelphia, Tyco, Waste Management, Rite Aid, ZZZZ Best, Krispy Kreme, Computer Associates, Global Crossing, Lucent, Microstrategy, Sunbeam, Xerox, Tyco, Healthsouth

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# **HEALTHSOUTH SCANDAL** (2003)

#### COMPANY

# (h) HEALTHSOUTH.

Largest publicly traded health care company in the U.S.

#### WHAT HAPPENED

Earnings numbers were allegedly **inflated \$1.4 billion** to meet stockholder expectations.



#### MAIN PLAYER

CEO Richard Scrushy

#### HOW HE DID IT

Allegedly told underlings to make up numbers and transactions from 1996-2003.



#### HOW HE GOT CAUGHT

Sold \$75 million in stock a day before the company posted a huge loss, triggering SEC suspicions.



#### PENALTIES

Scrushy was acquitted of all 36 counts of accounting fraud, but convicted of bribing the governor of Alabama, leading to a 7-year prison sentence.



Scrushy now works as a motivational speaker and maintains his innocence.



Rules number one and two...

Enron, Worldcom, Adelphia, Tyco, Waste Management, Rite Aid, ZZZZ Best, Krispy Kreme, Computer Associates, Global Crossing, Lucent, Microstrategy, Sunbeam, Xerox, Tyco, AIG

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# AMERICAN INSURANCE GROUP SCANDAL (2005)

#### COMPANY

Multinational insurance corporation



#### WHAT HAPPENED

Massive accounting fraud to the tune of \$3.9 billion was alleged, along with bid-rigging and stock price manipulation.

# ~~/

#### MAIN PLAYERS

CEO Hank Greenberg

#### HOW HE DID IT

Allegedly booked loans as revenue, steered clients to insurers with whom AIG had payoff agreements, and told traders to inflate stock prices.

#### HOW HE GOT CAUGHT

SEC regulator investigations, possibly tipped off by a whistle-blower.

#### PENALTIES

Settled with the SEC for \$10 million in 2003 and \$1.64 billion in 2006, with a Louisiana pension fund for \$115 million, and with 3 Ohio pension funds for \$725 million. Greenberg was fired, but has faced no criminal charges.

#### FUN FACT

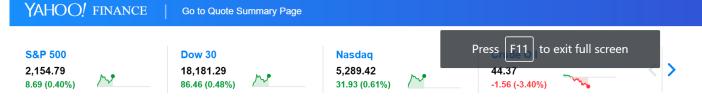
After posting the largest quarterly corporate loss in history in 2008 (\$61.7 billion) and getting bailed out with taxpayer dollars, AIG execs rewarded themselves with over \$165 million in bonuses.



Rules number one and two...

Enron, Worldcom, Adelphia, Tyco, Waste Management, Rite Aid, ZZZZ Best, Krispy Kreme, Computer Associates, Global Crossing, Lucent, Microstrategy, Sunbeam, Xerox, Tyco, AIG, Valeant

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#### Valeant Pharmaceuticals International, Inc. (VRX) 26.05 0.16 (0.60%) As of 11:33 AM EDT. NYSE Real Time Price. Market open.



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Rules number one and two...

Enron, Worldcom, Adelphia, Tyco, Waste Management, Rite Aid, ZZZZ Best, Krispy Kreme, Computer Associates, Global Crossing, Lucent, Microstrategy, Sunbeam, Xerox, Tyco, AlG, Valeant, Volkswagen

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Volkswagen AG (VLKAY) 27.65 -0.76 (-2.68%) As of 11:21 AM EDT. Other OTC Delayed Price. Market open.



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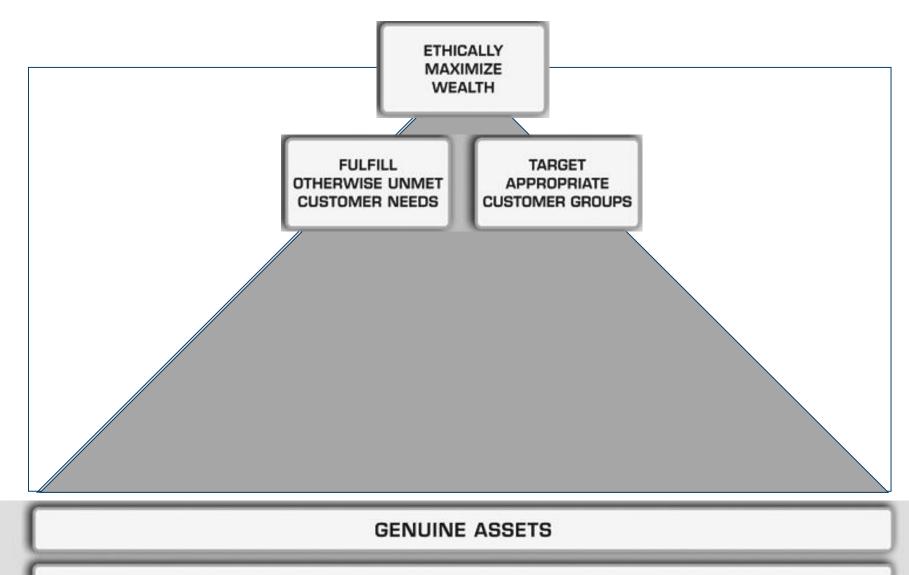
Ethical behavior does not guarantee success

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Ethical behavior does not guarantee success

It reduces the risk of massive financial failure

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#### VIGILANCE TO FORCES OF CHANGE

#### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION

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# **Great product**

VS.

# **Great business**

PCs: AAPL, IBM, DELL

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# **Apple desktops and notebooks**

# "...removed from the survey... because the company scores so high that it's like the class genius blowing the curve..."

PC Magazine 18th Annual survey

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# Notebooks

Reliability		Tech Support		Repairs		% Needing Repair	
1.	Apple	1.	Apple	1.	Apple	1.	Averatec
2.	Fujitsu	2.	IBM	2.	IBM	2.	Apple
3.	IBM	3.	Dell	3.	Dell	3.	Acer
4.	Averatec	4.	Toshiba	4.	Toshiba	4.	HP/Compaq
5.	Acer	5.	Gateway	5.	HP/Compaq	5.	Sony
6.	Dell	6.	HP/Compaq	6.	Gateway	6.	Toshiba
7.	Sony	7.	Sony	7.	Sony	7.	Fujitsu
8.	Toshiba					8.	IBM
9.	HP/Compaq					9.	Dell
10.	Gateway					10.	Gateway

Source: 18th Annual Reader Satisfaction Survey, www.pcmag.com

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# Desktops

Reliability		Tech Support		Repairs		% Needing Repair	
1.	Apple	1.	Apple	1.	Clone	1.	Apple
2.	Alienware	2.	Clone	2.	eMachines	2.	Sony
3.	Clone	3.	IBM	3.	IBM	3.	Shuttle
4.	MPC/Micron	4.	eMachines	4.	HP/Compaq	4.	Dell
5.	Sony	5.	HP/Compaq	5.	Dell	5.	eMachines
6.	Dell	6.	Dell	6.	Gateway	6.	Alienware
7.	ABS	7.	Gateway	7.	Sony	7.	HP/Compaq
8.	Shuttle	8.	Sony			8.	Systemax
9.	Gateway					9.	IBM
10.	Systemax					10.	Gateway
11.	IBM					11.	MPC/Micron
12.	eMachines					12.	Clone
13.	HP/Compaq					13.	ABS

Source: 18th Annual Reader Satisfaction Survey, www.pcmag.com

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# **IBM Tops the PC Market With PC Hardware**

# "...outperformed its chief competitors in customer satisfaction with notebook hardware quality and reliability..."

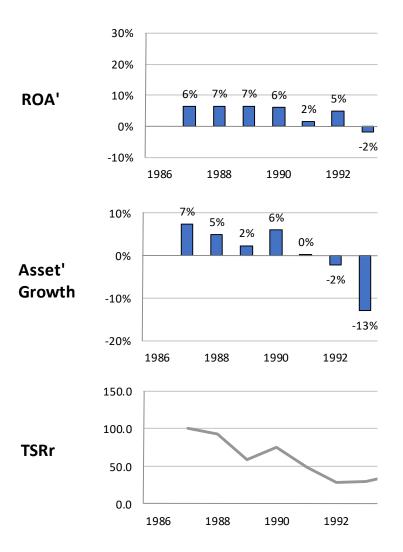
(1) Technology Business Research, Inc., "Corporate IT Buying Behavior & Customer Satisfaction Study:

Notebooks -- First Quarter 2004," May 27, 2004.

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#### INTL BUSINESS MACHINES CORP (IBM)

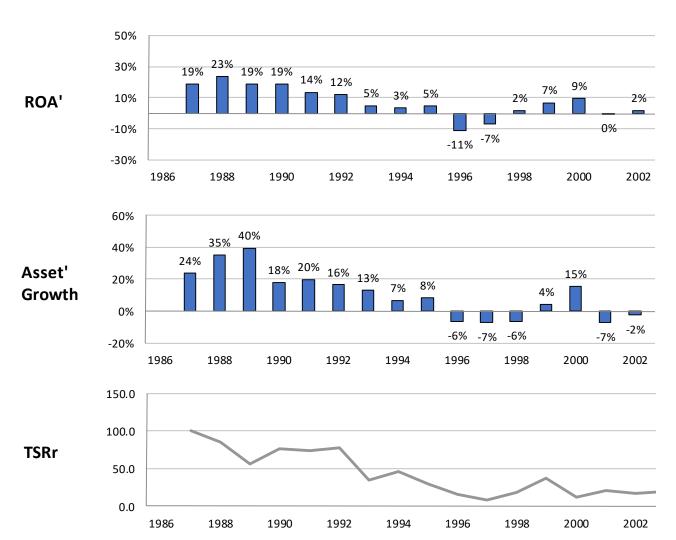
Computer Hardware Market Cap: 157.834 USD



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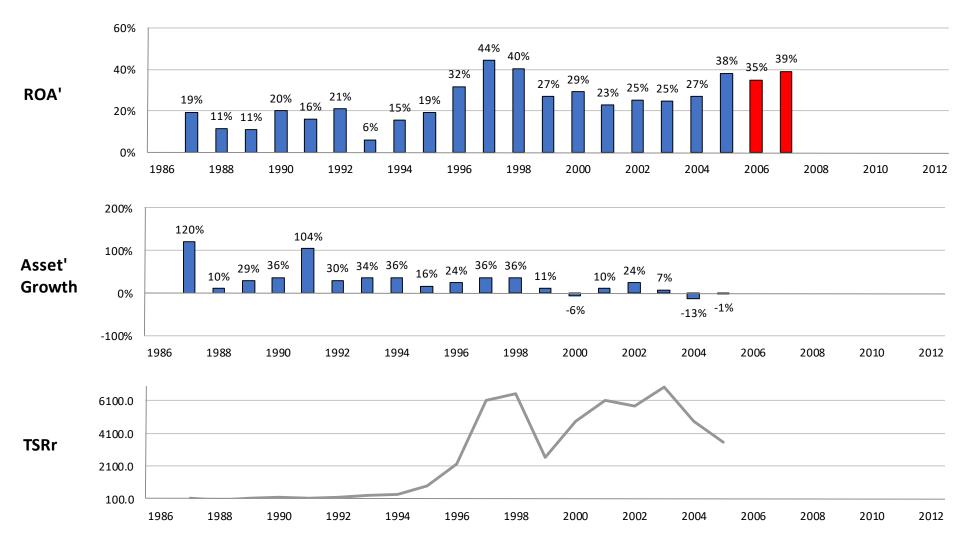
#### APPLE INC (AAPL)

Computer Hardware Market Cap: 107.412 USD



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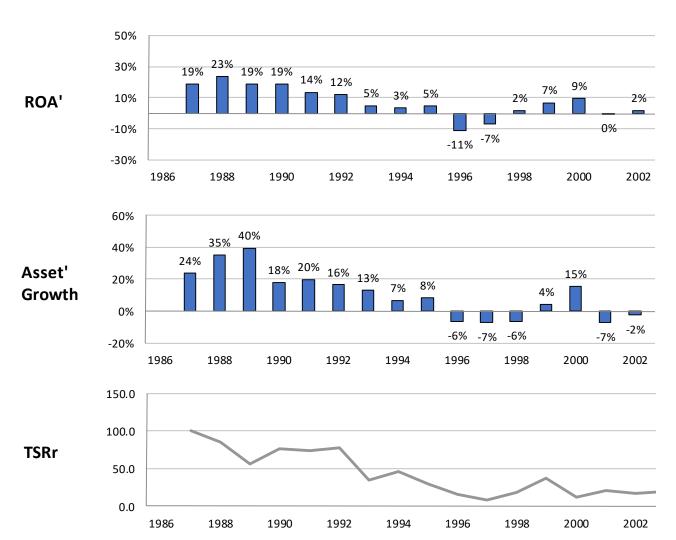
# DELL – What is the real unmet need of the customer?



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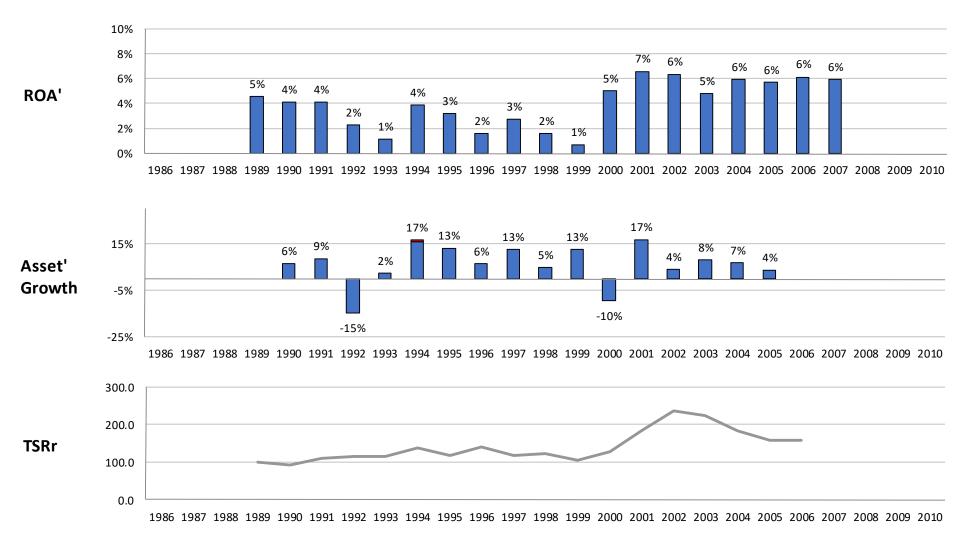
#### APPLE INC (AAPL)

Computer Hardware Market Cap: 107.412 USD



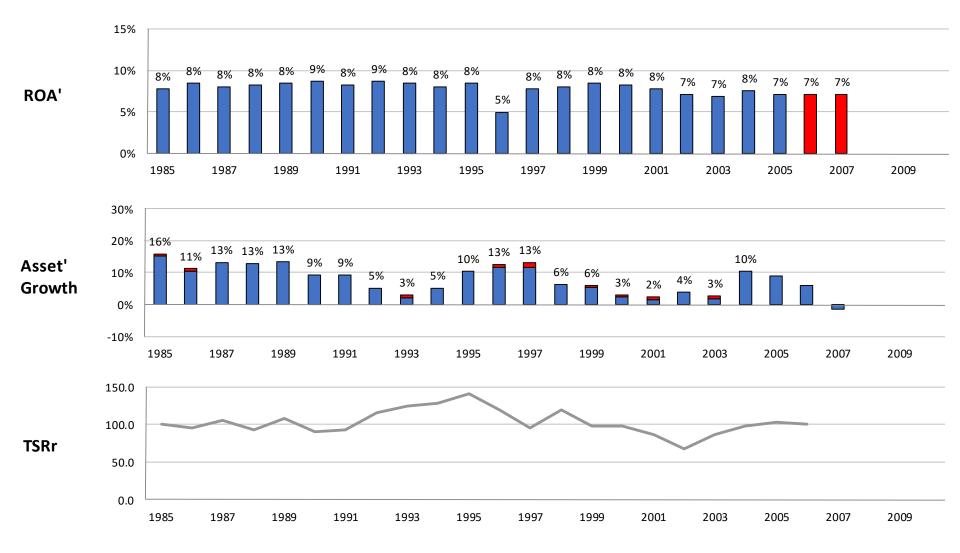
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### BMW – Great product vs. great business



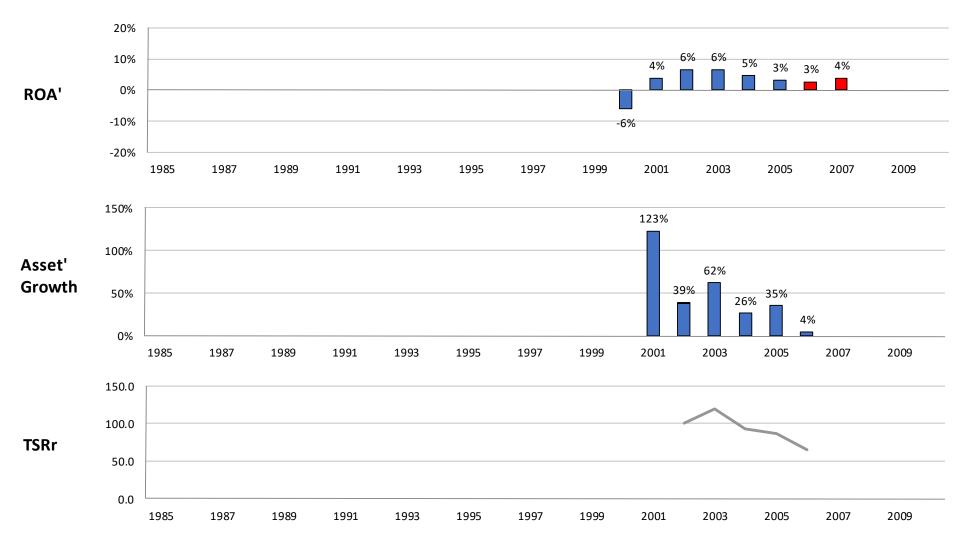
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### MCD – Great product vs. great business



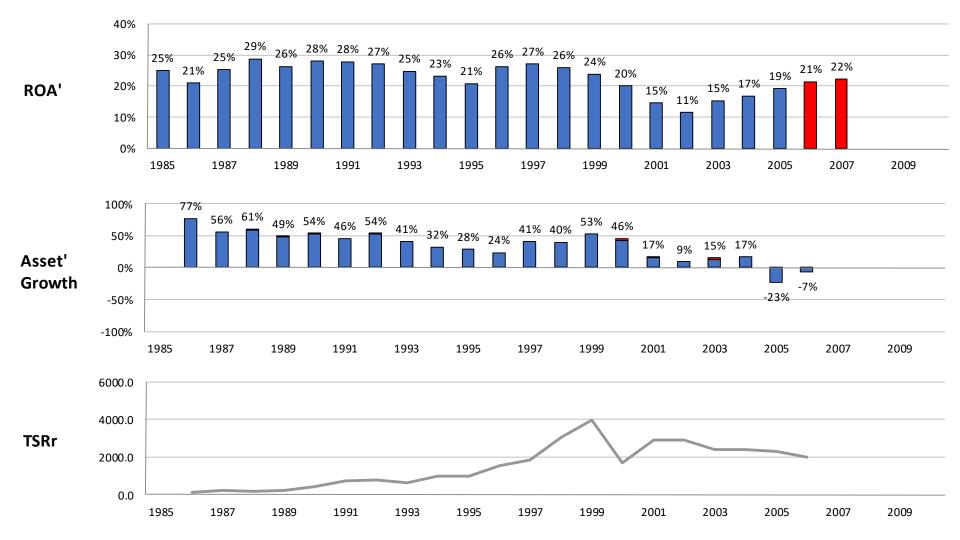
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### JBLU – Great product vs. great business



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# MSFT – pricing power



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# **Excess ROA' levels are driven by pricing power**

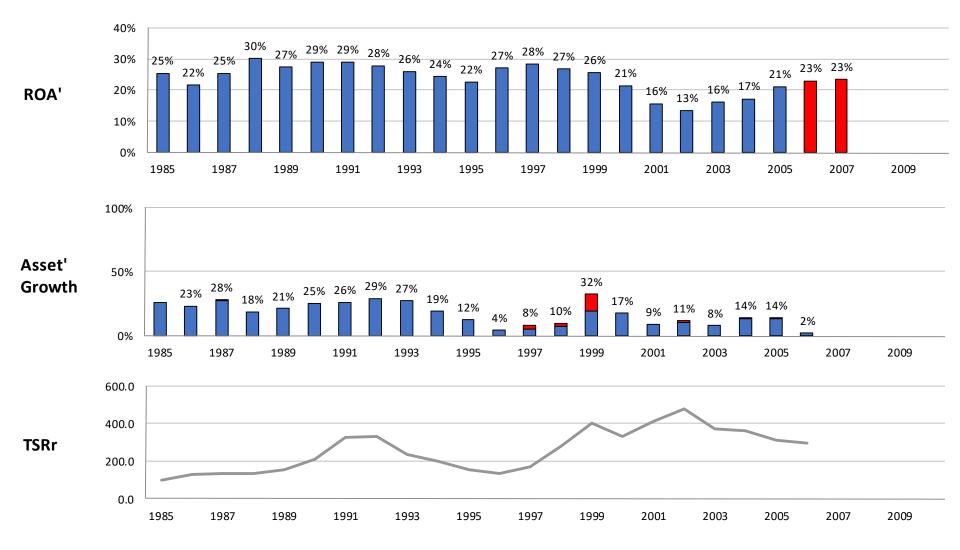
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Excess ROA' levels are driven by pricing power

Pricing power is driven by *fulfilling otherwise unmet customer need* 

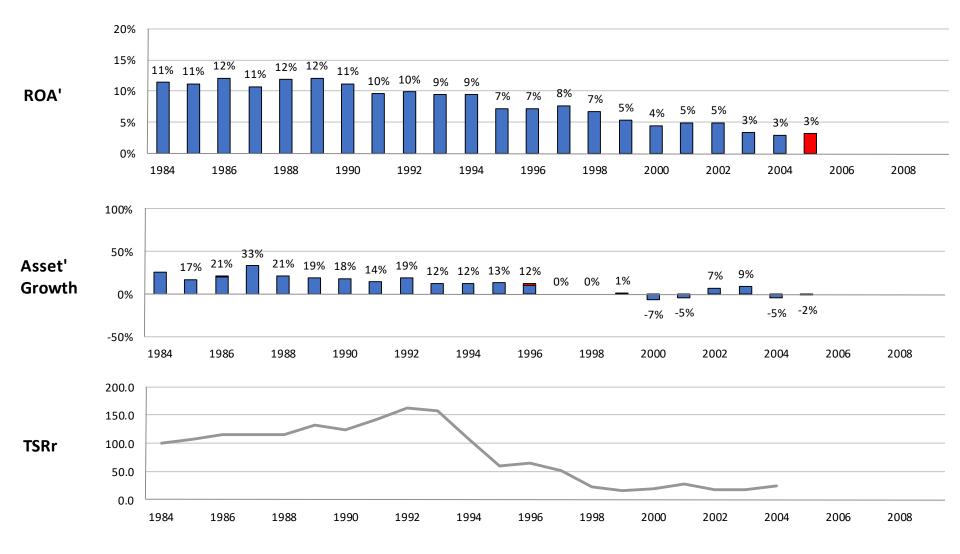
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# WMT – What are the real needs?



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### TOY – What were the real needs?



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- Still touting their competitive advantage as...
- "...broadest range of merchandise..."

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# "ULTIMATE Question

Driving Good Profits and True Growth

# FRED REICHHELD

About the book

Measuring your Net Promoter Score

Fred Reichheld: Author/Speaker

**Related writings** 

For the media

#### Measuring your Net Promoter® Score

Asking the ultimate question allows companies to track promoters and detractors, producing a clear measure of an organization's performance through its customers' eyes, its Net Promoter® Score. Bain analysis shows that sustained value creators—companies that achieve long-term profitable growth—have Net Promoter Scores (NPS) two times higher than the average company. And NPS leaders outgrow their competitors in most industries—by an average of 2.5 times.

NPS is based on the fundamental perspective that every company's customers can be divided into three categories. "Promoters" are loyal enthusiasts who keep buying from a company and urge their friends to do the same. "Passives" are satisfied but unenthusiastic customers who can be easily wooed by the competition. And "detractors" are unhappy customers trapped in a bad relationship. Customers can be categorized based on their answer to the ultimate question.

The best way to gauge the efficiency of a company's growth engine is to take the percentage of customers who are promoters (P) and subtract the percentage who are detractors (D). This equation is how we calculate a Net Promoter Score for a company:

P - D = NPS

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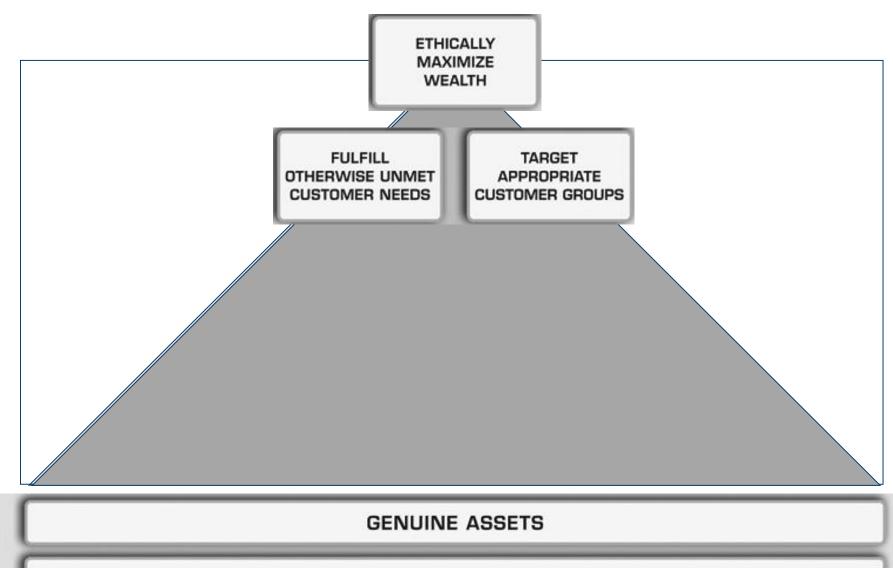
### **Net Promoter Score**

NPS Stars						
HomeBanc*	82%	American Express	<b>51%</b>			
Harledy-Davidson	81%	<b>Commerce Bank</b>	<b>50%</b>			
Costco	81%	Dell	<b>50%</b>			
Amazon.com	<b>79%</b>	Adobe	48%			
Chick-fil-A*	73%	<b>Electronic Arts</b>	48%			
eBay	72%					
Vanguard	71%					
SAS	<b>70%</b>					
Apple	66%					
Intuit (TurboTax)*	66%					
Cisco	58%					
FedEx	57%					
Southwest Airlines	56%					

\* All NPS statistics are based on Bain or Satemtrix surveys, with the exceptions of Intuit, Chick-fil-A, and HomeBanc. For these firms, we used data that they provided. Their data was gathered in a reasonable (but not perfectly equivalent) fashion.

Source: Reichheld, Fred. "The Ultimate Question: Driving Good Profits and True Growth." Harvard Business School Press 2006.

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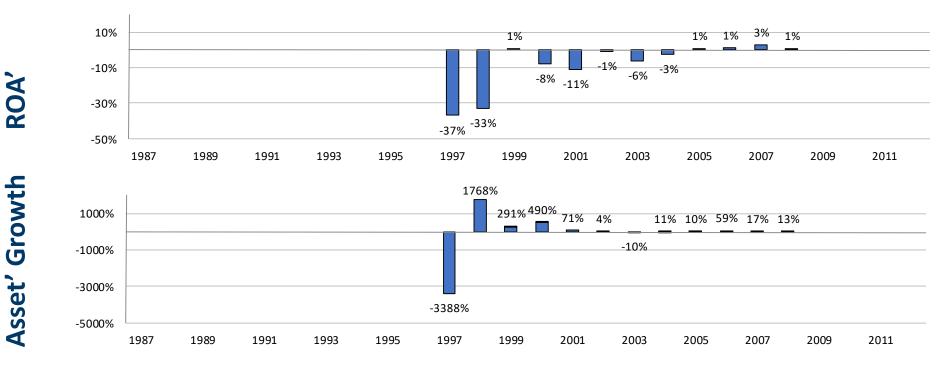


#### VIGILANCE TO FORCES OF CHANGE

#### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION

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### LEAP: Growth in prepaid phone service in the USA

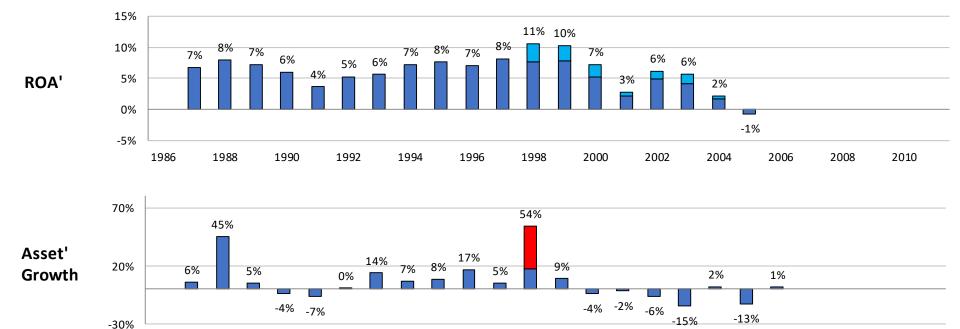


#### DANA HOLDING CORP (DAN)

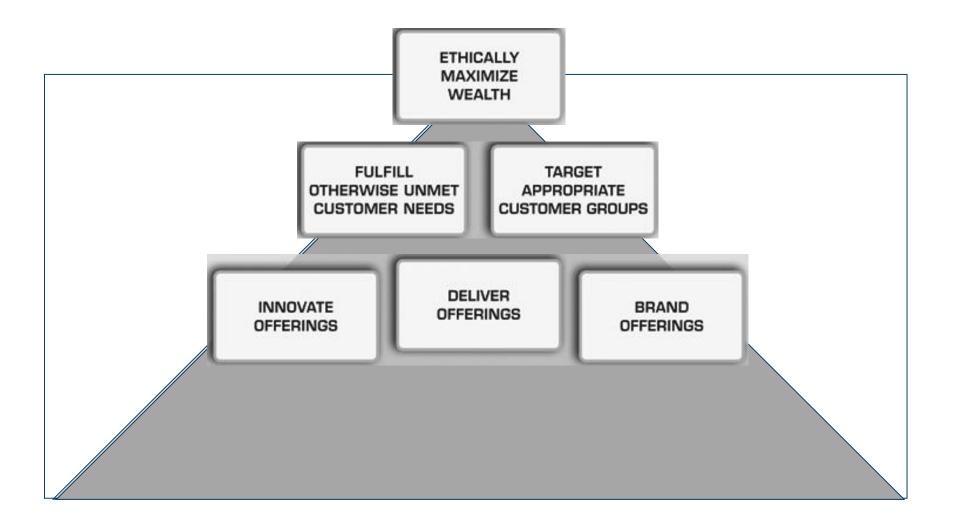
#### **Relative Wealth Chart**

Auto Parts & Equipment Market Cap : 1.832 USD

Price: 12.21 (May 2, 2008)



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## Is it really, truly, absolutely

## "the brand?"



MARK L. FRIGO JOEL LITMAN



ALMANT 11, 2000

www.hutines.com

#### **Special Report**

## HE 1 TOP BRANDS Here's how we calculate the power in a name

o rank the world's 100 most valuable global brands, we set three hurdles that all contenders have to meet to merit consideration. First, they must have brand values greater than \$1 billion. They also have to be global in nature, meaning they must derive at least a third of their sales from outside their home countries and have significant distribution throughout the Americas, Europe, and Asia. Finally, they must have publicly available marketing and financial data. That excluded some big brands, such as Visa International, the BBC, and Mars.

How do you place a value on a brand? Some attempts rely on little more than opinion polls or ad spending. BusinessWeek selected Interbrand's method because it values brands the same way analysts value other assets: on the basis of how much they're likely

profits are then discounted to a present value based on how risky the projected earnings are-that is, the likelihood that they will, in fact, materialize.

To start the process, Interbrand first figures out what the brand's overall sales are. (The brand may be almost the entire company, as in the case of McDonald's Corp. For others, such as Marlboro, it may be just a portion.) Next, with the help of analysts from J.P. Morgan Chase & Co., Citigroup, and Morgan Stanley, Interbrand projects net earnings for the brand. It then deducts a charge for the cost of owning the tangible assets, on the theory that whatever income is generated beyond that cost is due to intangible factors. This is the economic value added by things like patents, customer lists, and, of course, the brand.

The next step is to winnow the earn-

earnings generated by other intangibles. For example, are people buying Shell gasoline because of the brand name or because the gas station is conveniently located? Interbrand uses market research and interviews with industry executives to sift through those variables.

The final phase is to analyze the strength of the brand to figure out how risky those future brand earnings are. To calculate the brand's strength, Interbrand looks at seven factors, including the brand's market leadership, its stability, and its ability to cross geographic and cultural borders. The risk analysis produces a discount rate that is applied to the brand earnings to come up with a net present value. Business-Week and Interbrand believe this figure comes closest to representing the true economic value of that complex ar-

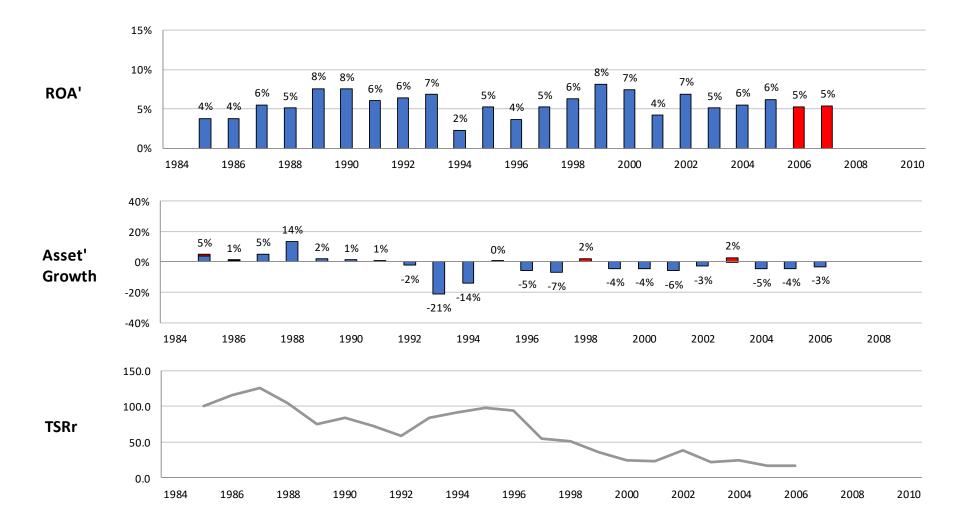
## Branding and valuation...

"Strongest brands" don't see highest valuation levels

"Strong brands" do not correlate with V/A levels

• Polaroid, Kodak

### EK – Retreat to survive



## Branding and valuation...

"Strongest brands" don't see highest valuation levels

"Strong brands" do not correlate with V/A levels

• Polaroid, Kodak

## Branding and valuation...

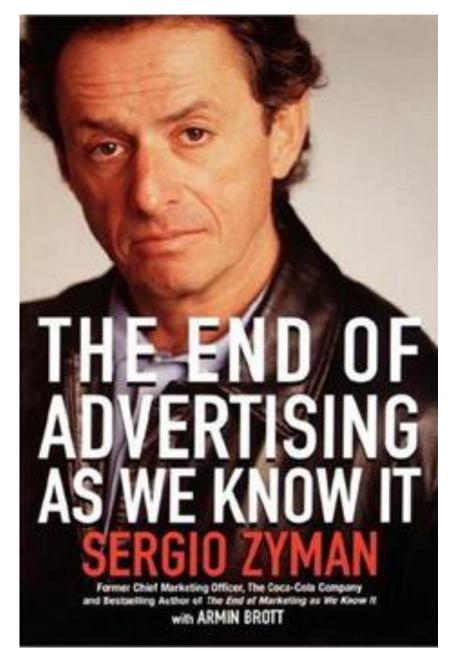
"Strongest brands" don't see highest valuation levels

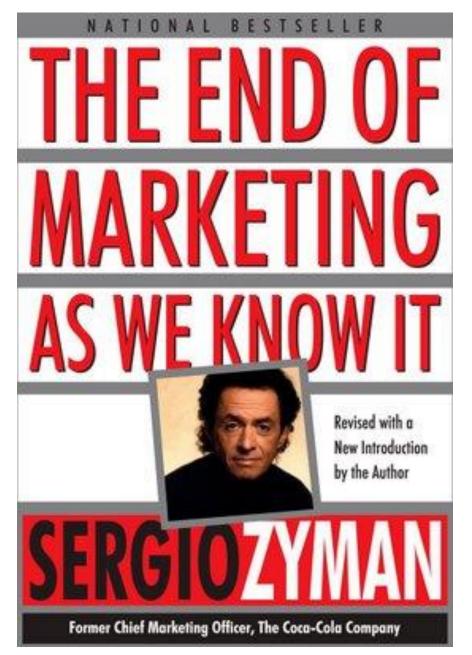
"Strong brands" do not correlate with V/A levels

- Polaroid, Kodak
- MCD
- Coors/RKY & TAP
- BUD & InBev

## "Stronger brands" do not mean higher valuations...

	5-yr Median		-yr Median	5-yr Mean			5-yr Median	5-yr Mean 5	-yr Median 5	
Company Ticker	CFROI	CFROI	VCR	VCR	Company	Ticker	CFROI	CFROI	VCR	VCR
ADIDAS-SALOMON AG NPV ADSG	12.4	12.3	2.0	2.0	MICROSOFT CORP COM	MSFT	14.4		4.2	4.
AMAZON COM INC COM AMZN	5.3	1.4	5.2	6.9	NIKE INC CL B	NKE	11.3	11.1	2.6	2.
APPLE COMPUTER INC COLAAPL	1.9	2.9	1.2	1.5	NOKIA OYJ EUR0.06	NOK1V	18.6	20.4	3.1	5.
AVON PRODS INC COM AVP	21.2	21.4	6.0	6.1	NESTLE SA CHF1(REGD)	NESN	13.4	13.4	2.1	2.
AMERICAN EXPRESS CO C AXP	19.0	19.4	4.1	4.4	NINTENDO CO LTD NPV	7974C	8.8	9.1	3.0	2.
BOEING CO COM BA	6.7	6.6	1.8	1.9	ORACLE CORP COM	ORCL	19.9	20.3	6.7	9.
BAYER MOTOREN WERK EBMWG	6.0	5.9	0.9	1.0	PEPSICO INC COM	PEP	22.9	22.6	5.5	5.
BP ORD USD0.25 BP	5.9	6.1	1.4	1.4	PFIZER INC COM	PFE	18.1	18.3	3.7	4.
ANHEUSER BUSCH COS IN BUD	13.5	13.2	3.4	3.4	PHILIPS ELEC(KON) EURO	.2 PHG	2.9	3.1	1.2	1.
CITIGROUP INC COM C	16.5	16.1	2.6	2.8	POLO RALPH LAUREN CO	RRL	11.9	11.4	1.7	1.
CANON INC NPV 7751C	9.6	10.0	1.6	1.6	REUTERS GROUP ORD GE	BIRTR	9.5	10.5	2.7	2.
CARLSBERG SER'B'DKK20 CARLb	7.4	7.6	1.1	1.1	SAP AG ORD NPV	SAPG	14.6	14.5	5.5	5.
COLGATE PALMOLIVE CO (CL	23.9	23.7	7.2	7.5	STARBUCKS CORP COM	SBUX	7.7	7.8	3.6	3.
CISCO SYS INC COM CSCO	11.9	11.5	3.9	4.7	SONY CORP NPV	6758C	6.7	6.4	1.2	1.
DAIMLERCHRYSLER AG OF DCXGn	2.7	3.0	0.7	0.7	AT&T CORP COM NEW	Т	5.7	6.2	0.8	0.
DELL INC COM DELL	24.2	25.2	8.4	8.2	TIFFANY & CO NEW COM	TIF	11.4	10.8	3.0	2.
DISNEY WALT CO COM DIS DIS	7.6	7.2	2.1	2.1	TOYOTA MOTOR CORP NF	P\7203C	7.3	7.4	1.1	1.
EASTMAN KODAK CO COM EK	5.7	6.0	1.2	1.2	TEXAS INSTRS INC COM	TXN	8.9	9.2	2.7	2
RICSSON(LM)TEL SEK1 SI ERICb	-2.7	0.2	1.6	1.9	VIACOM INC CL B	VIA.B	11.0	11.3	3.2	3
EDEX CORP COM FDX	4.6	4.6	1.3	1.3	VOLKSWAGEN AG ORD N	PVOWG	2.5	2.4	0.6	0
FORD MTR CO DEL COM P/F	3.2	3.1	1.0	1.0	DOW CHEM CO COM	DOW	2.8	3.0	1.2	1
GILLETTE CO COM G	16.5	17.3	5.2	5.5	WRIGLEY WM JR CO COM	WWY	17.9	17.9	6.1	6.
GENERAL ELEC CO COM GE	18.4	18.1	4.2	5.3	EXXON MOBIL CORP COM		6.3	6.3	1.6	1.
GAP INC DEL COM GPS	8.2	8.1	1.8	2.0	XEROX CORP COM	XRX	5.2	4.8	1.3	1.
GOLDMAN SACHS GROUP GS	12.9	13.3	2.2	2.3	YAHOO INC COM	YHOO	6.9	7.4	3.5	4.
HARLEY DAVIDSON INC CO HDI	19.4	18.7	4.6	5.0	YUM BRANDS INC COM	YUM	11.8	11.4	2.1	2
HEINEKEN NV EUR1.60 HEIN	10.2	10.2	2.2	2.3	SUN MICROSYSTEMS INC	-	0.3	3.9	1.2	2.
HONDA MOTOR CO NPV 7267C	8.8	7.7	1.1	1.1	MOTOROLA INC COM	MOT	1.0	2.8	1.1	1.
HEINZ H J CO COM HNZ	17.9	17.3	3.4	3.6	TIME WARNER INC COM	TWX	8.6	9.3	1.7	3.
HEWLETT PACKARD CO CCHPQ	8.2	7.9	1.6	1.7	MATSUSHITA ELC IND NP		2.3	0.8	0.8	0.
NTERNATIONAL BUSINESS IBM	8.8	9.1	2.9	2.9	ROYAL DUTCH PETROL EL		7.4	7.4	1.5	1.
NTEL CORP COM INTC	10.7	11.0	3.6	3.3	MATTEL INC COM	MAT	15.3	15.3	2.6	2.
KIMBERLY CLARK CORP C(KMB	12.0	12.3	2.7	2.9	DIAGEO P L C SPON ADR		21.9	22.8	3.4	3
COCA COLA CO COM KO	29.5	30.6	7.2	7.6	BROWN FORMAN CORP C		13.0	12.7	2.8	2
KELLOGG CO COM K	16.8	16.3	4.2	3.8	PEARSON ORD GBP0.25		13.0	12.7	2.5	2
VMH MOET HENNESSY ELLVMH	14.0	16.3	4.2 3.8	3.0 3.7	HILTON HOTELS CORP CO		9.7	9.8	2.5 1.6	2
ACDONALDS CORP COM MCD	7.6	7.6	3.8 1.6	3.7 1.6	SIEMENS AG NPV(REGD)		9.7	9.8 5.0	1.0	1
MEDONALDS CORP COM MED	7.6 11.8	7.6 11.7	1.6	2.0	( /		4.6 9.6	5.0 10.0	1.2	1
ALTRIA GROUP INC COM MO	23.4	23.4	1.9	2.0 3.7	SWATCH GROUP CHF2.25 BENETTON GROUP SPA E	·	9.6	10.0	1.6	1
MERCK & CO INC COM MRK	23.4 16.8	23.4 17.4	3.7	3.7 3.5	BLINE I ION GROUP SPA E	CDING	8.5	0.1	1.5	1.
					Top Brands		9.7	11.2	2.2	3
					S&P 500		9.8	10.8	2.0	2.







## "You can have your commercials..."



## Hoover, Wal-Mart, GE



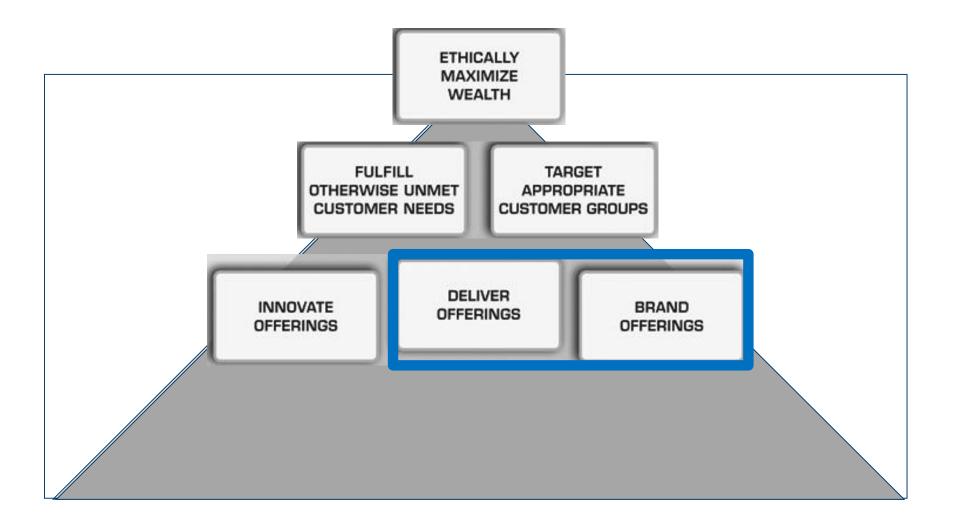
MARK L. FRIGO JOEL LITMAN

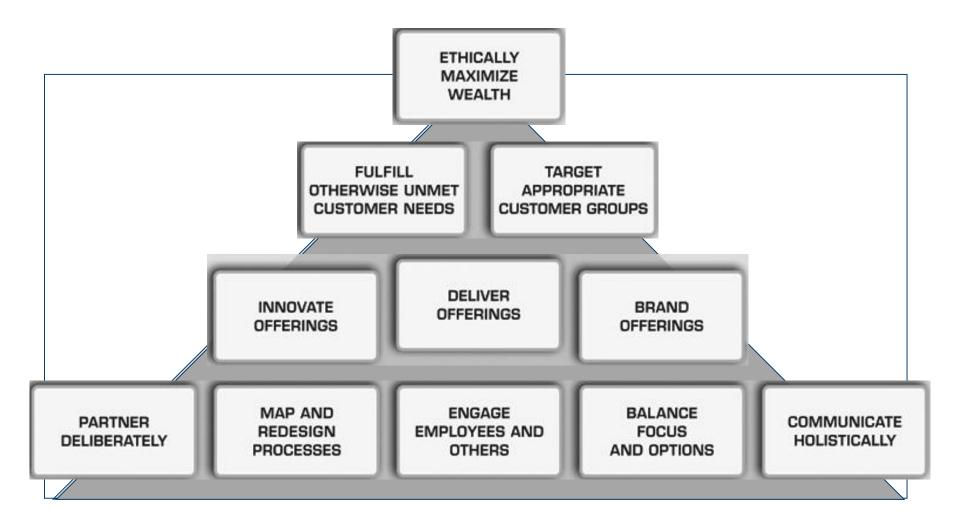


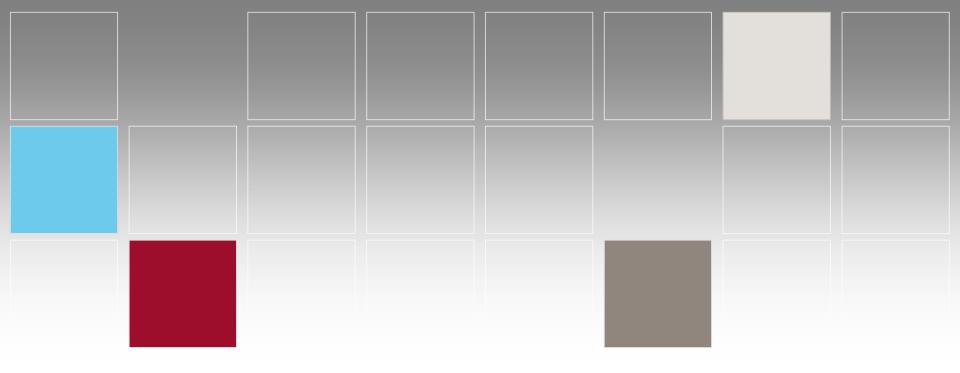
# Is it really, truly, absolutely the brand?



MARK L. FRIGO JOEL LITMAN







May 13, 2008

## The Impact of Human Capital on Investment Capital

## Hewitt and HOLT: Examining human capital metrics that drive business performance

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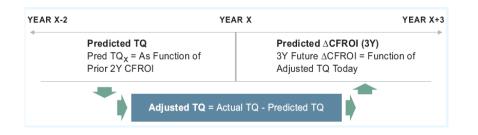
## Linkage to Business Results and CFROI<sup>1</sup>

- Quantifying what's been "fuzzy"
  - Shareholder value
- "Apples-to-Apples" results
  - Industry by industry
- Statistical validity:
  - "Reverse causality"

Incremental Cost of Talent
 *versus* Measurable Business Impact

Data on 1000 companies, 20 million employees
 8 Pilot companies (Verizon, Alcoa, JC Penney, Lilly, Nationwide, Sony Electronics, Siemens, MeadWestvaco)

CFROI and Total Business Return
1997 – 2007, N = 115 companies



<sup>■1</sup>For detailed description of HCF™ methodology and results, see Valuation Issues Journal, Feb 2006: "Optimizing Human Capital Investments for Superior Shareholder Returns", (Raza, Samir)

**Talent Quotient Definition** 

Measuring and monitoring "pay progression"

The people getting the highest total pay increases...

... are they leaving or staying?

## TQ Impacts Business Results—Cross Industry Study<sup>1</sup>

#### In both analyses, Talent Quotient is predictive of financial performance in succeeding years

Deep Empirical Study	Performance Measures in Following Three Years (2001-04)					
Companies grouped by TQ result in 2001 (N=115)	Revenue Growth (3Y CAGR)	Operating Cash Flow Growth (3Y CAGR)	CFROI <sup>®2</sup> (3Y annualized)	Total Business Return (3Y annualized)		
Bottom 1/3 (TQ Avg. 80)	2.2%	5.0%	-1.0%	11.7%		
Top 1/3 (TQ Avg. 126)	4.5%	11.6%	7.9%	15.1%		
Difference	+ 2.3%	+ 6.6%	+ 8.9%	+ 3.4%		

<sup>■1</sup>For detailed description of HCF<sup>™</sup> methodology and results, see Valuation Issues Journal, Feb 2006: <u>"Optimizing Human Capital Investments for Superior Shareholder Returns"</u>.

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## TQ Impacts Business Results—Cross Industry Study<sup>1</sup>

In both analyses, Talent Quotient is predictive of financial performance in succeeding years

#### "Best 10–Worst 10" Comparison

■Average		<ul> <li>Sales Growth</li> <li>3 year annualized</li></ul>	<ul> <li>Total Return</li> <li>3 year annualized</li></ul>	Price to Book	
2004 TQ		(ending 7/07)	(ending 7/07)	(at 7/07)	
WORST 10 in TQ	■84	Median	■5.8%	■7.1%	■1.8

<sup>■1</sup>For detailed description of HCF<sup>™</sup> methodology and results, see Valuation Issues Journal, Feb 2006: <u>"Optimizing Human Capital Investments for Superior Shareholder Returns"</u>.

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## TQ Impacts Business Results—Cross Industry Study<sup>1</sup>

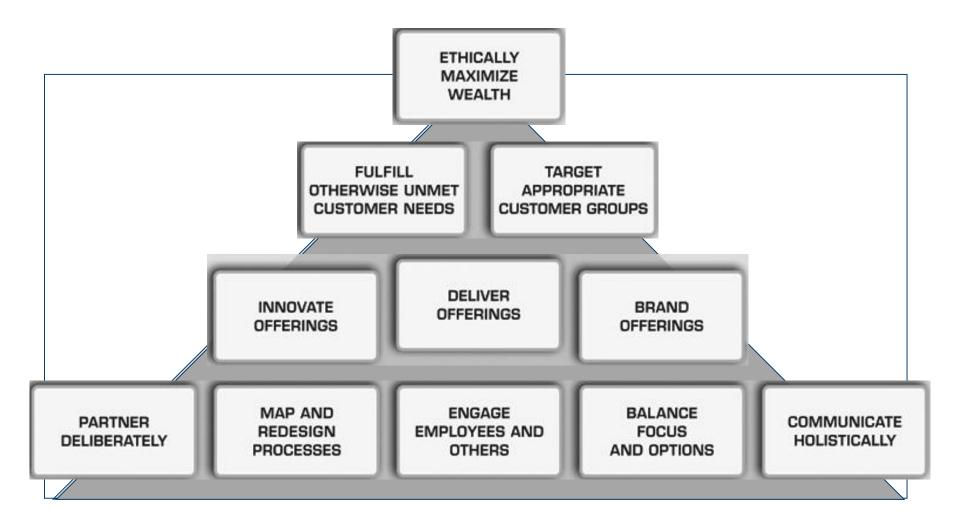
In both analyses, Talent Quotient is predictive of financial performance in succeeding years

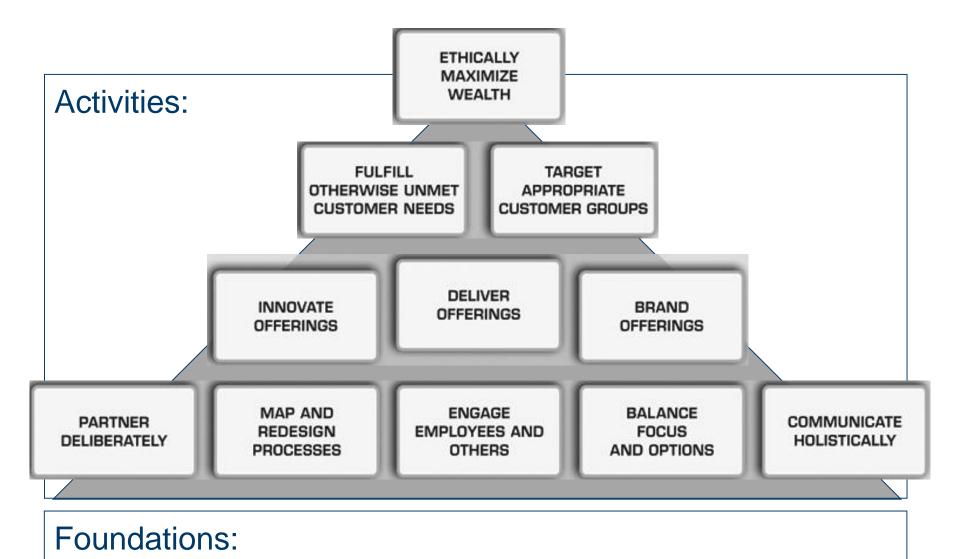
#### "Best 10–Worst 10" Comparison

	Average 2004 TQ		<ul> <li>Sales Growth</li> <li>3 year annualized (ending 7/07)</li> </ul>	<ul> <li>Total Return</li> <li>3 year annualized (ending 7/07)</li> </ul>	Price to Book (at 7/07)	
WORST 10 in TQ	■84	Median	■5.8%	■7.1%	■1.8	
BEST 10 in TQ	■141	Median	■8.0%	<b>13.2%</b>	■2.9	

<sup>1</sup>For detailed description of HCF<sup>M</sup> methodology and results, see Valuation Issues Journal, Feb 2006: <u>"Optimizing Human Capital Investments for Superior Shareholder Returns"</u>.

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#### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION

### Unique measures and metrics

**KO and 50 Foot/Population rule** 

Share of stomach

WMT and 10 Foot Rule

What are key units of measure with:

**Asset managers?** 

Motorcycle makers?

**Construction companies?** 

When is Six Sigma too "loose"?



## VALENS RESEARCH

**Return Driven Strategy** 

Professor Joel Litman September 2016

Valens Securities, Inc., Valens Research, and The Institute of Strategy & Valuation 110 Cambridge Street, Cambridge MA 02141 joel.litman@valens-securities.com

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WMT and 10 Foot Rule

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When is Six Sigma too "loose"?

#### What is being measured in Lean Manufacturing?

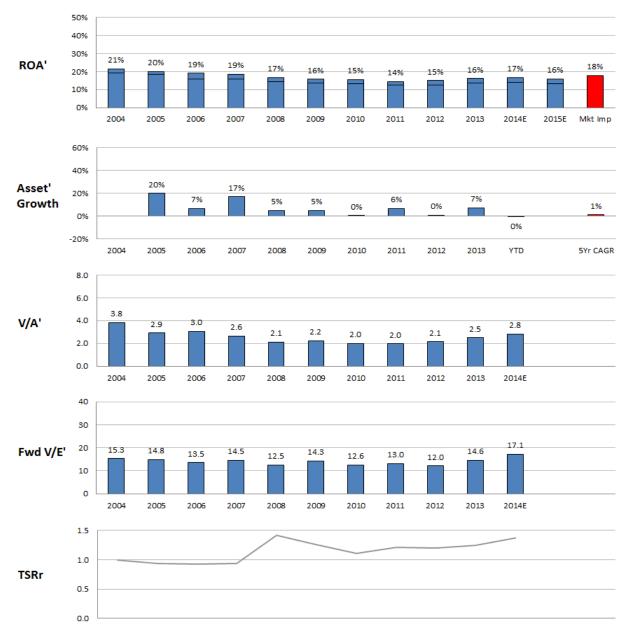


## Analyzing Strategy, Performance, and Valuation Together

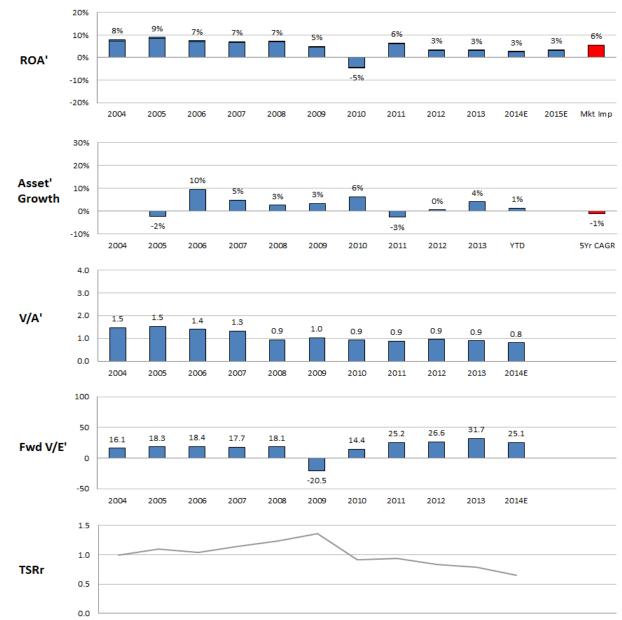


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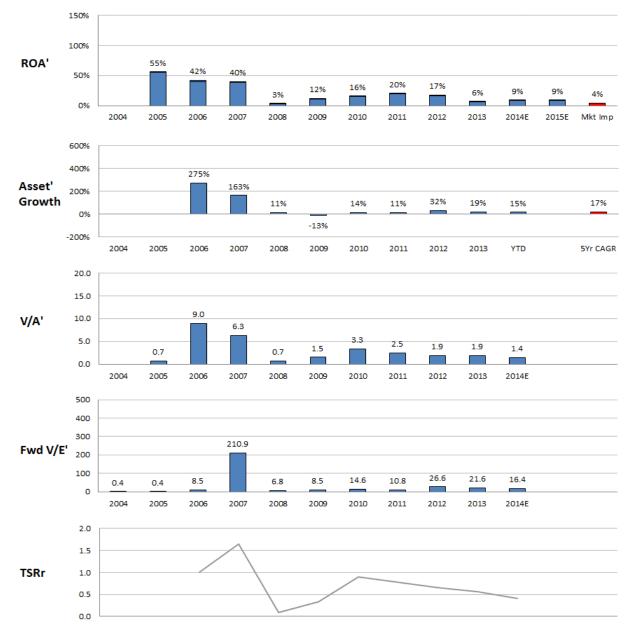
#### JNJ – Johnson & Johnson



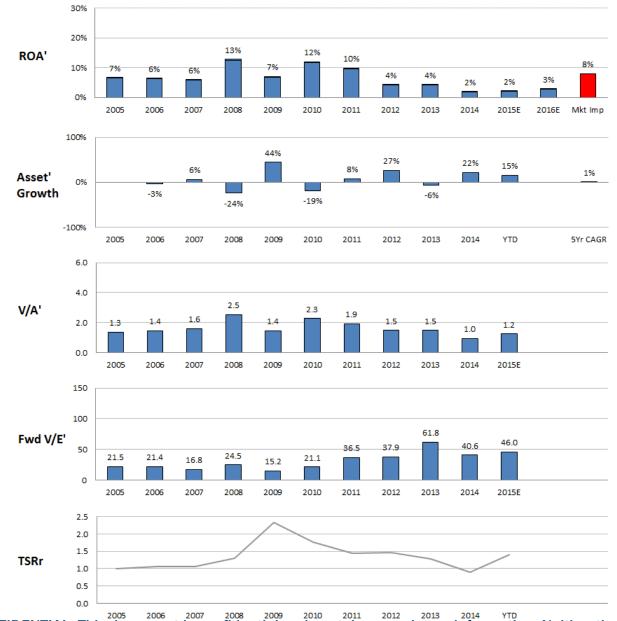
#### **BP** – BP plc



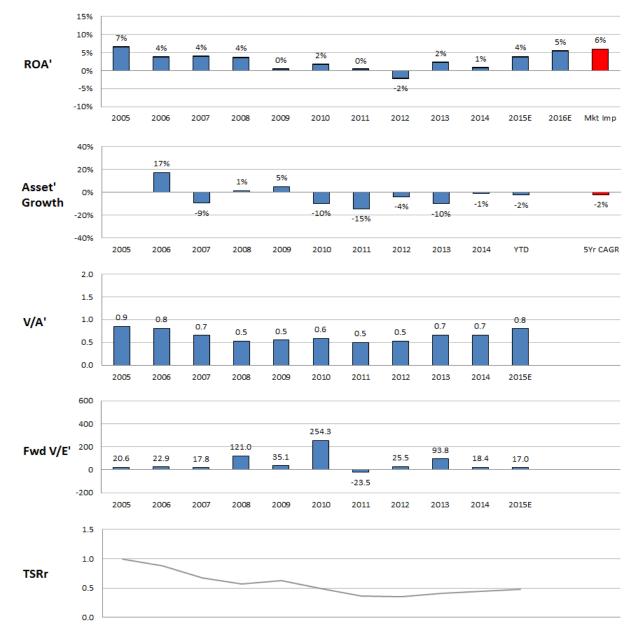
#### CROX – Crocs, Inc



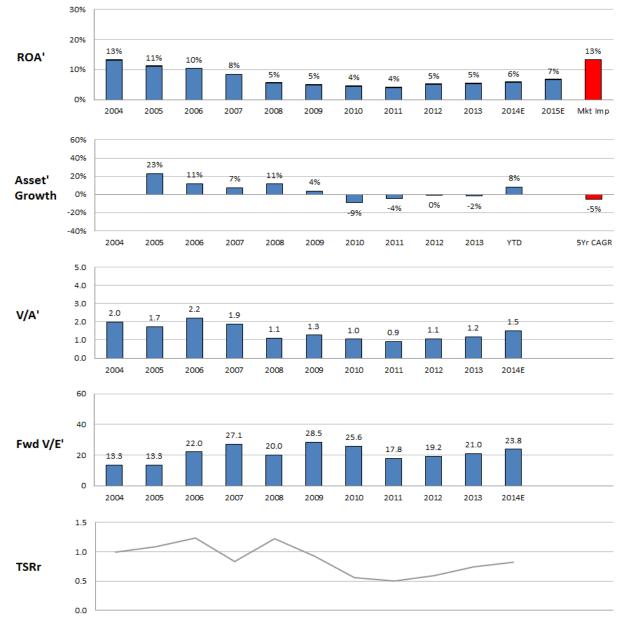
#### **S53** - SMRT Corporation Ltd



#### 6701 – NEC Corporation



#### TLKM – PT Telekomunikasi Indonesia

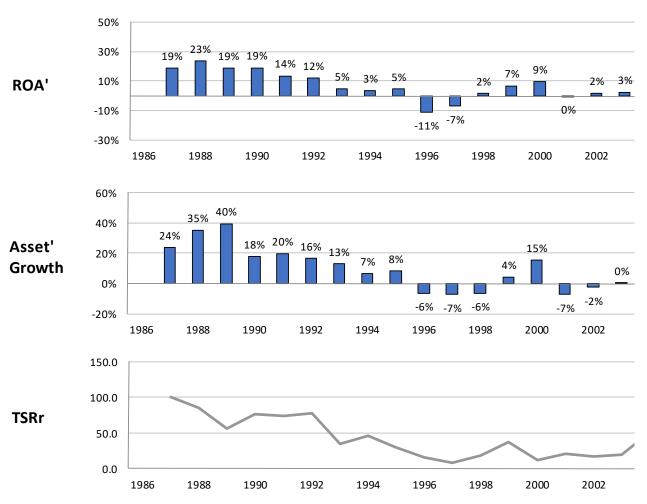


## **Return Driven Strategy**

#### APPLE INC (AAPL)

#### **Relative Wealth Chart**

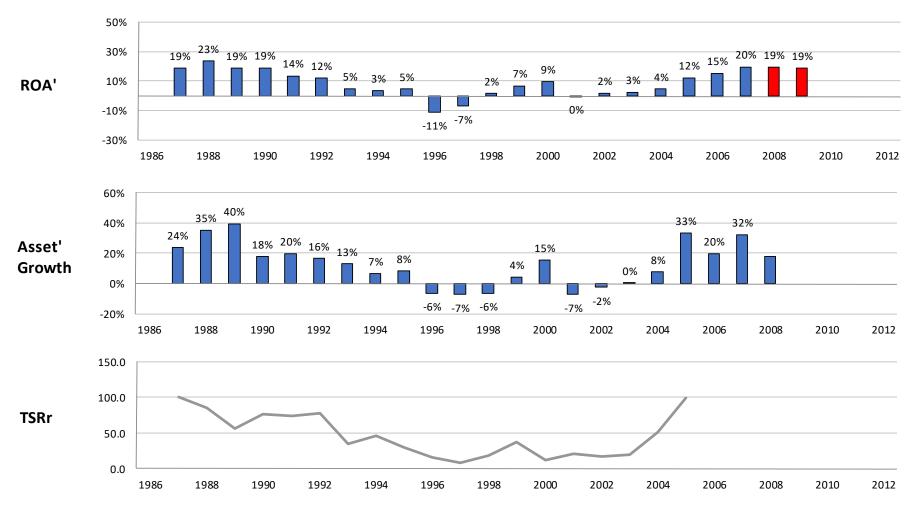
#### Computer Hardware Market Cap : 107.412 USD



#### APPLE INC (AAPL)

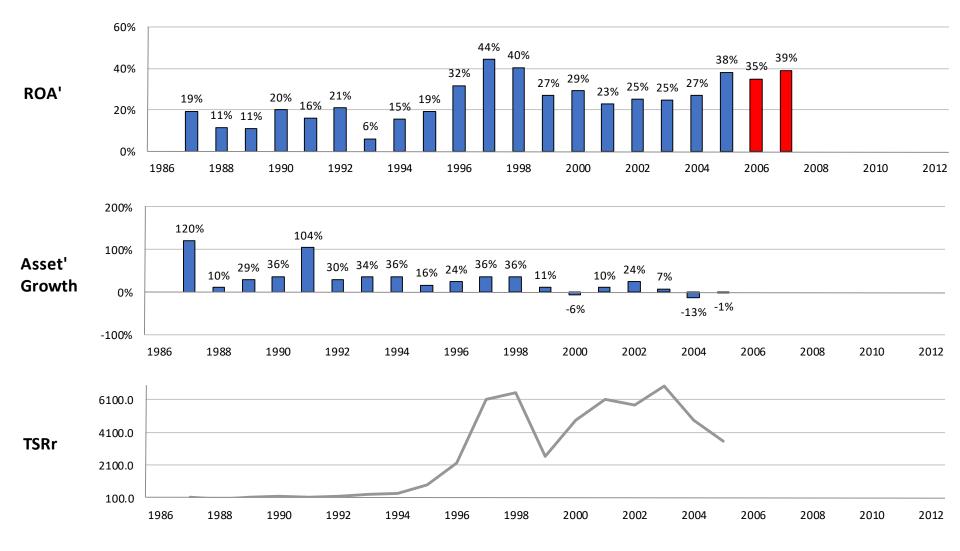
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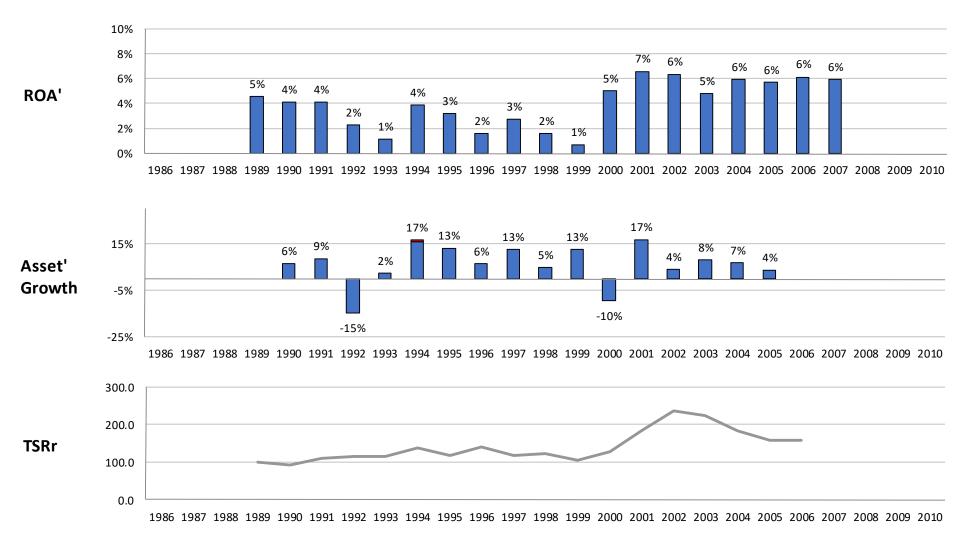


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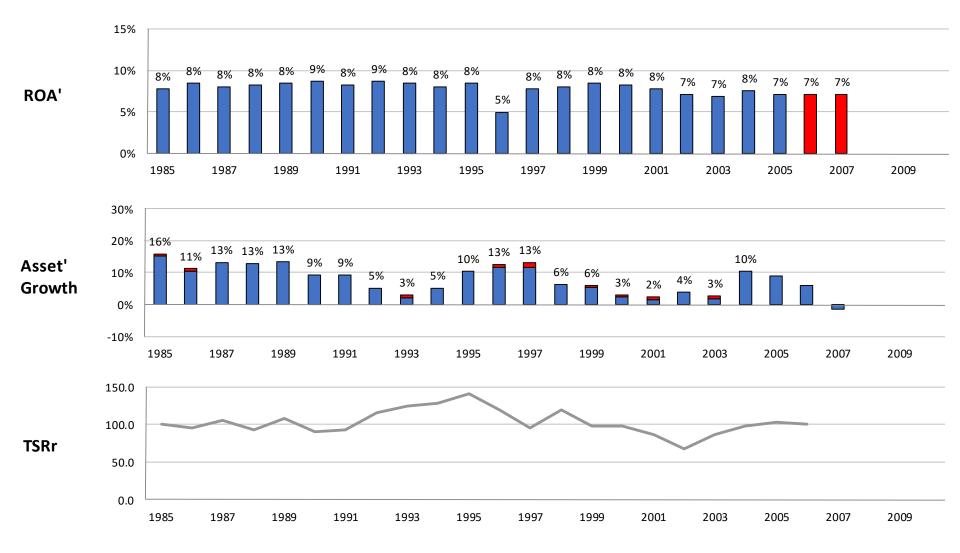
## DELL – Real needs are not always the obvious ones



#### BMW – Great product vs. great business

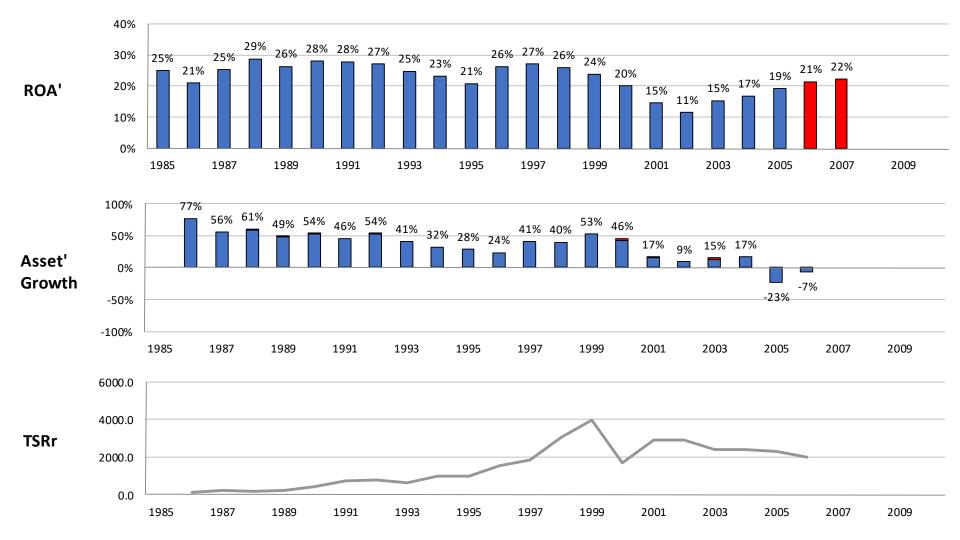


## MCD – Great product vs. great business

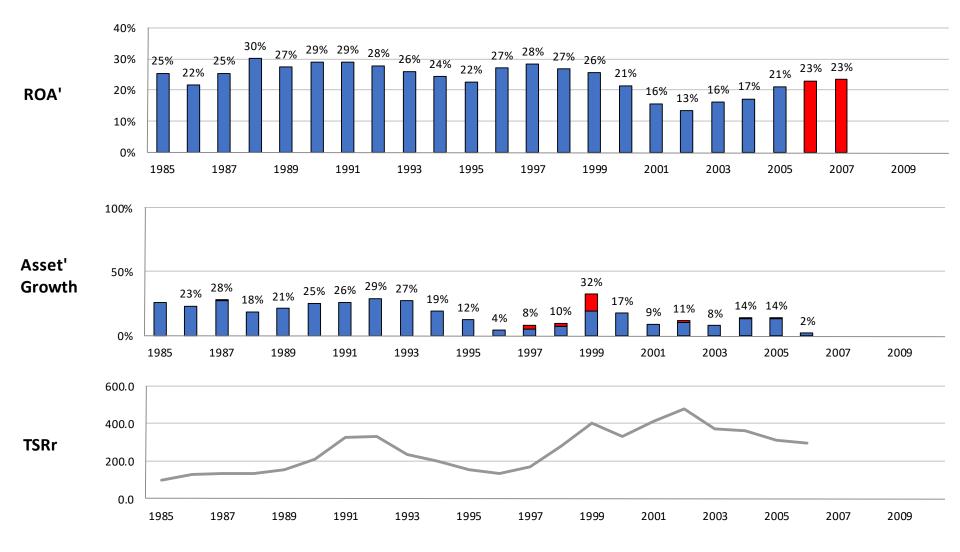


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## MSFT – pricing power

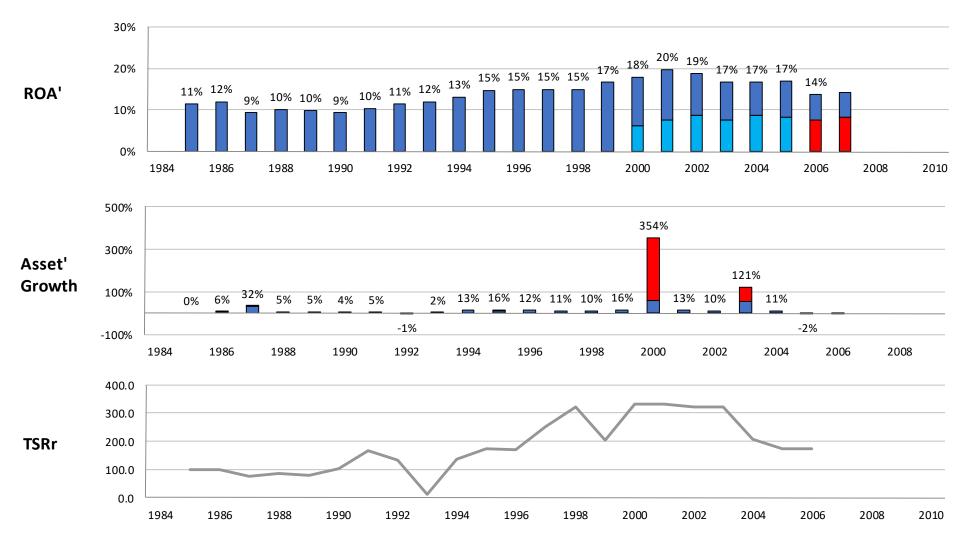


## WMT – Real needs are not always the obvious ones

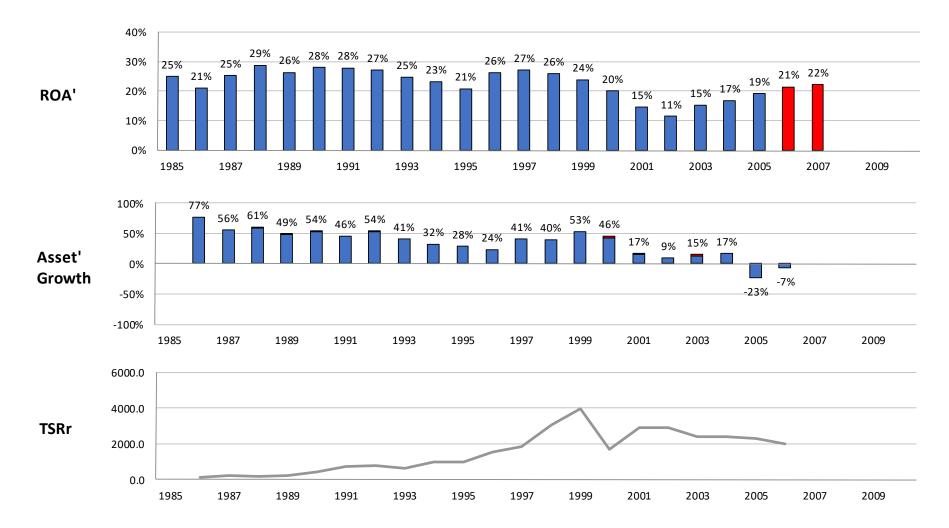


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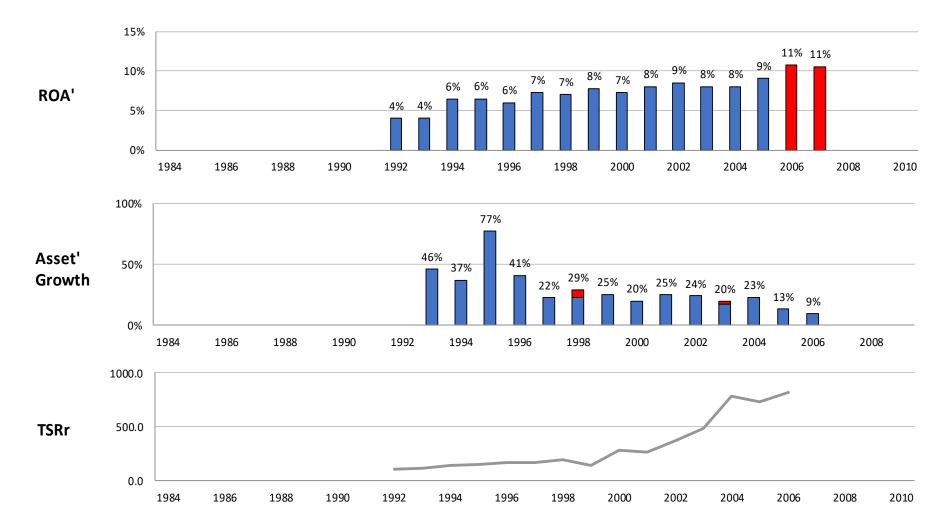
## PFE – Asset growth is like principal growth



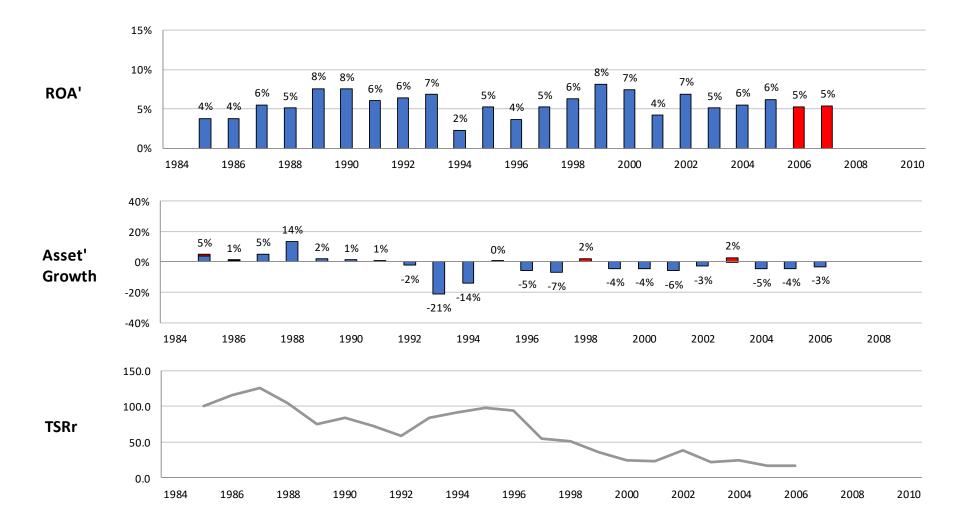
## Asset Growth is Like Principal Growth – MSFT



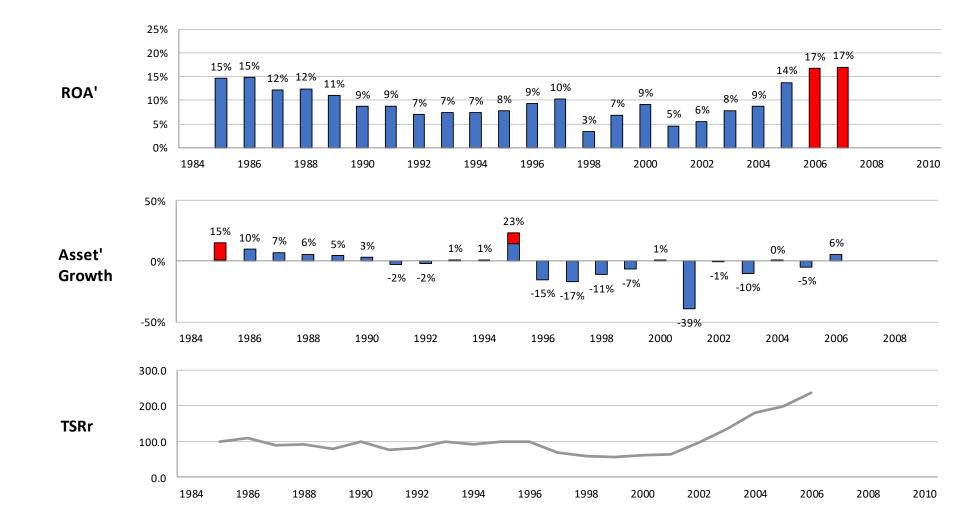
#### Asset Growth is Like Principal Growth – SBUX



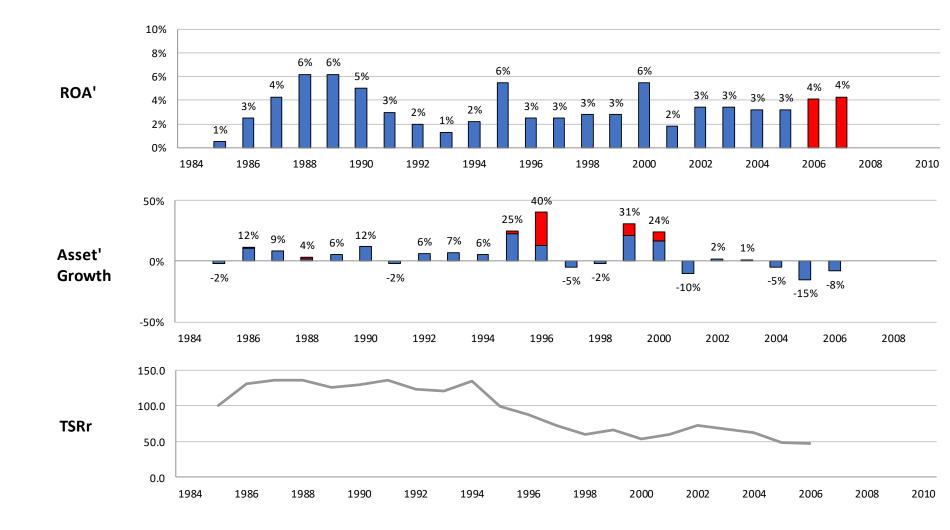
### EK – Retreat to survive



## ROK – Shrink and grow rich



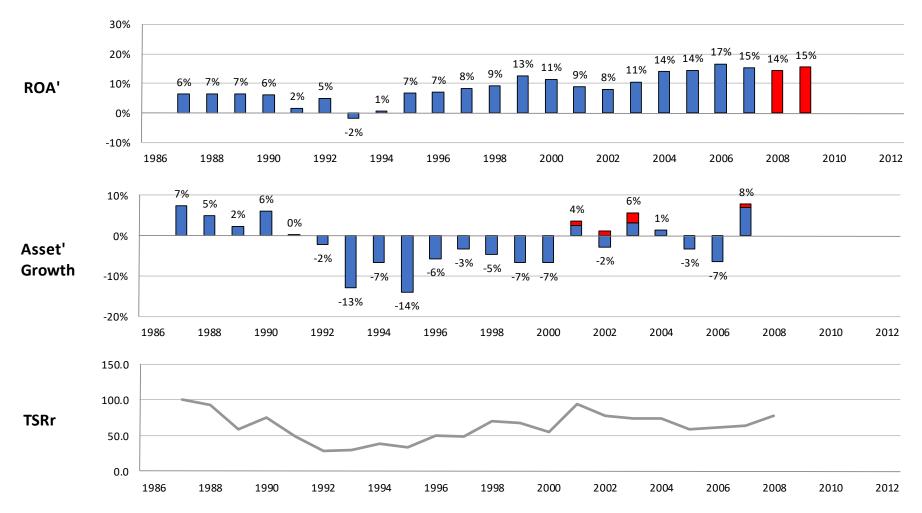
## IP – Quality of M&A growth is case-by-case



#### INTL BUSINESS MACHINES CORP (IBM)

#### **Relative Wealth Chart**

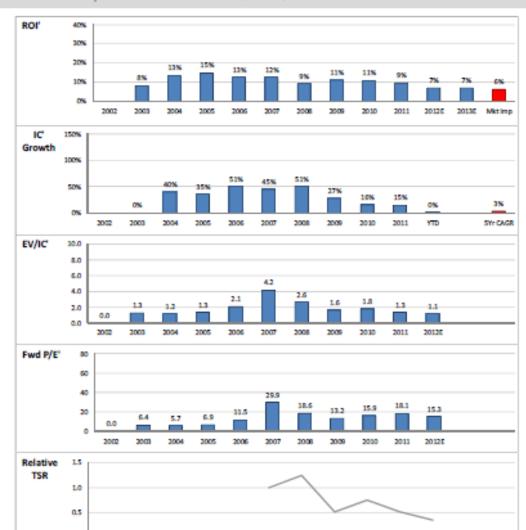
Computer Hardware Market Cap: 157.834 USD



#### MetroPCS Communications, Inc., PCS

Stock Price USD 5.94 - 2.2B

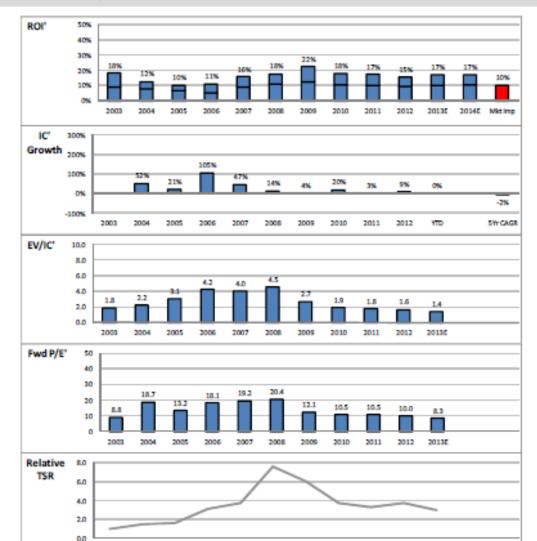
Telecommunication Services - Wireless Telecommunication Services



Data Date - 6/21/2012 | Fiscal Year - 12/31/2011 - Current Quarter - Q12012

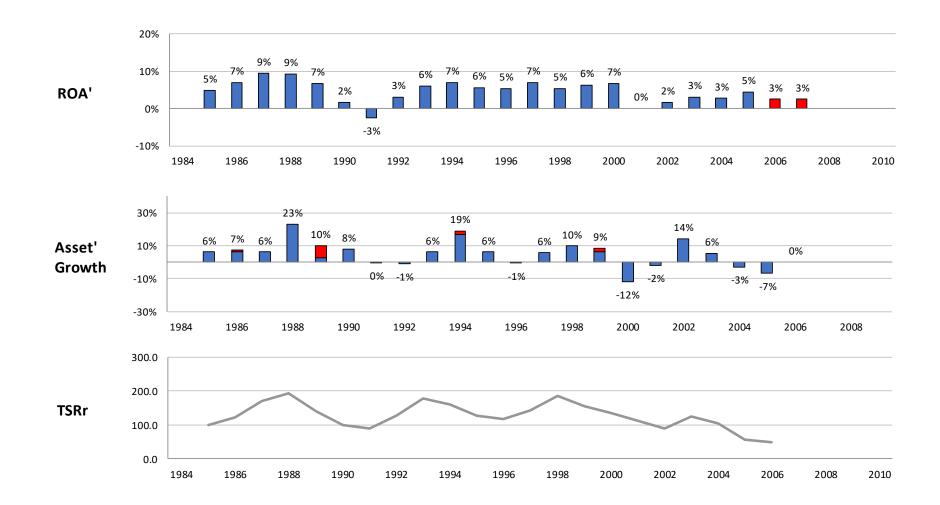
#### GameStop Corp., GME

Stock Price USD 17.56 - 2.3B Consumer Discretionary - Computer and Electronics Retail

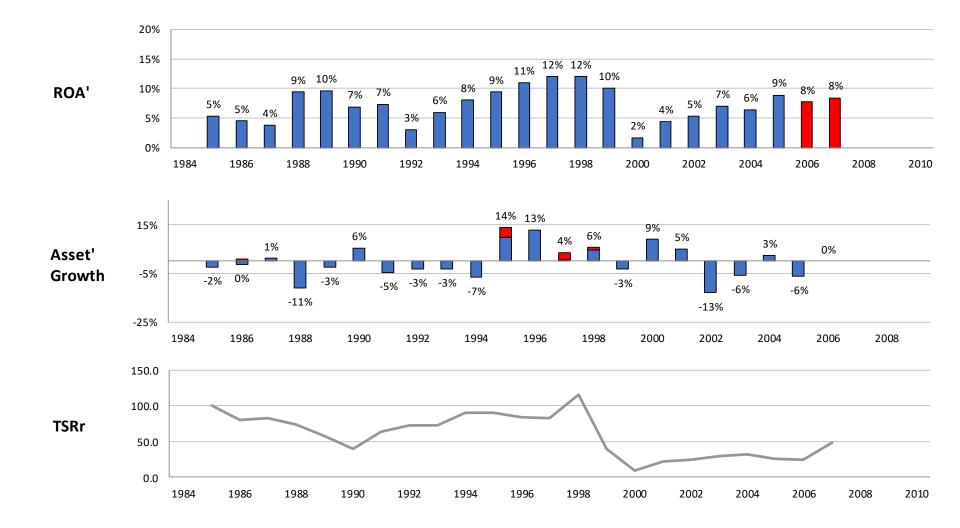


Data Date - 6/21/2012 | Fiscal Year - 1/28/2012 - Current Quarter - Q42012

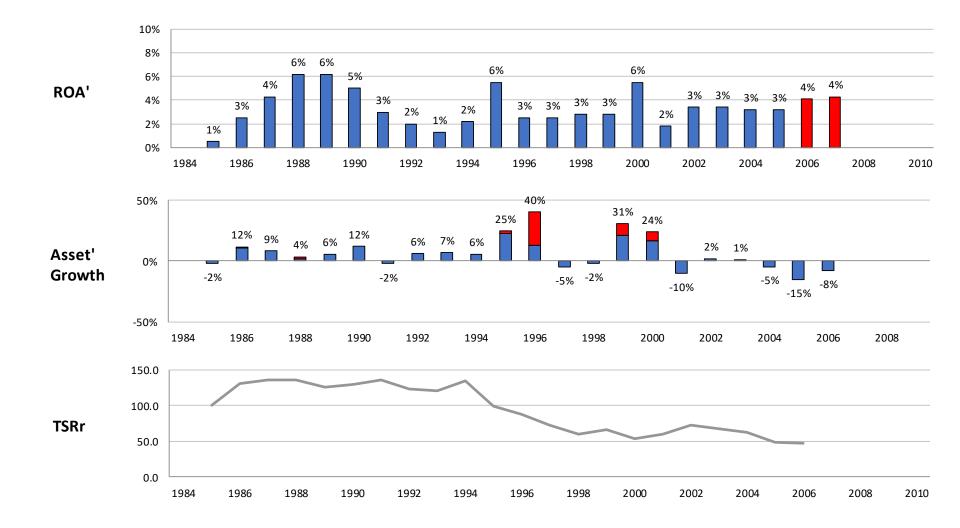
## F – Retreat to survive



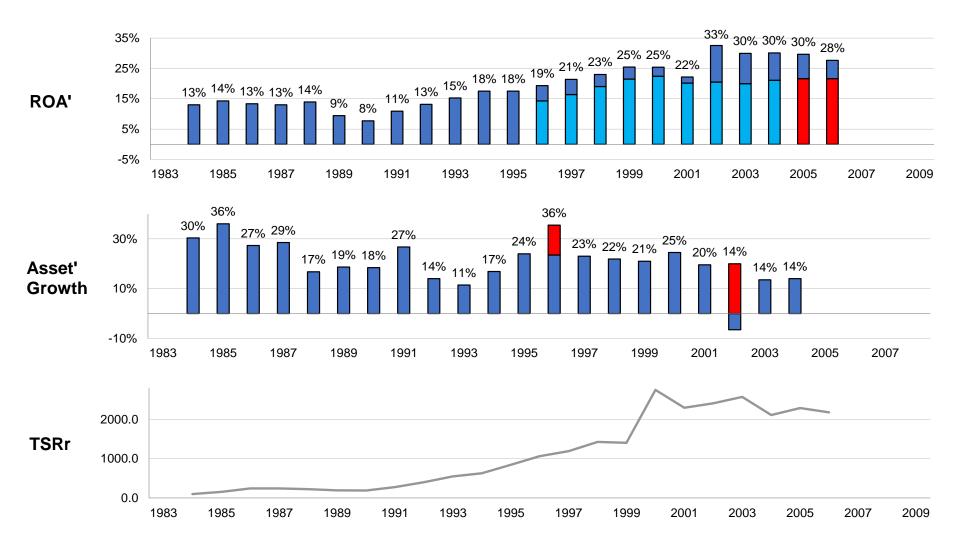
## XRX – Retreat to survive



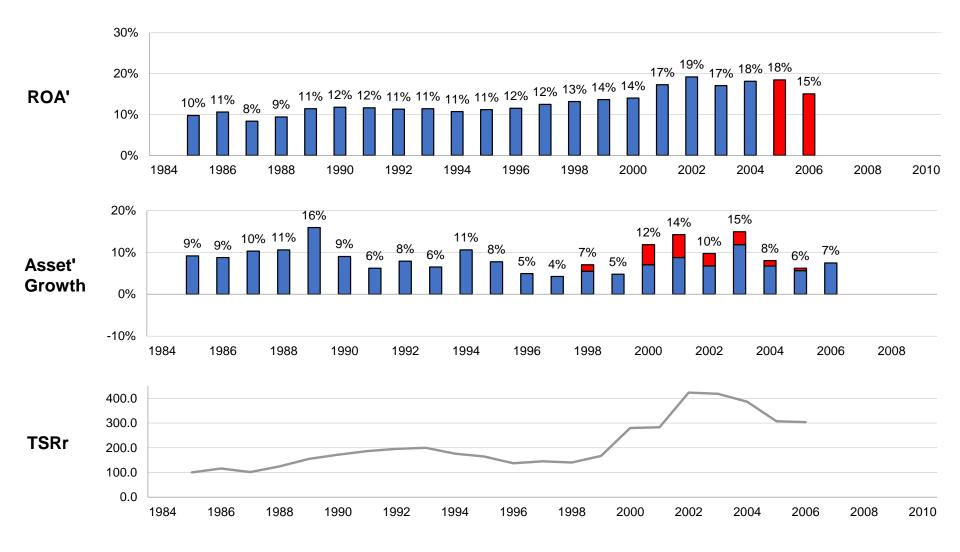
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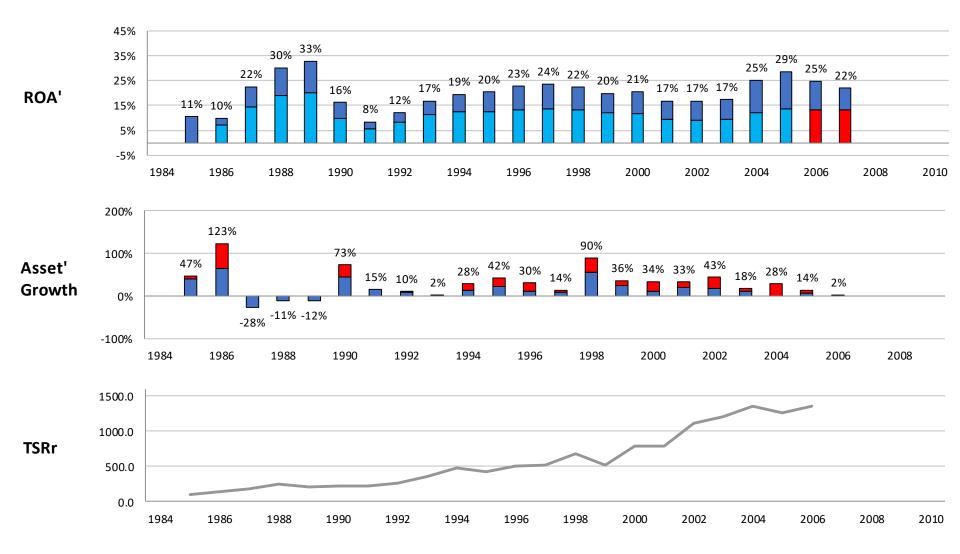
## PAYX – Quality of M&A growth is case-by-case



## SYY – Quality of M&A growth is case-by-case

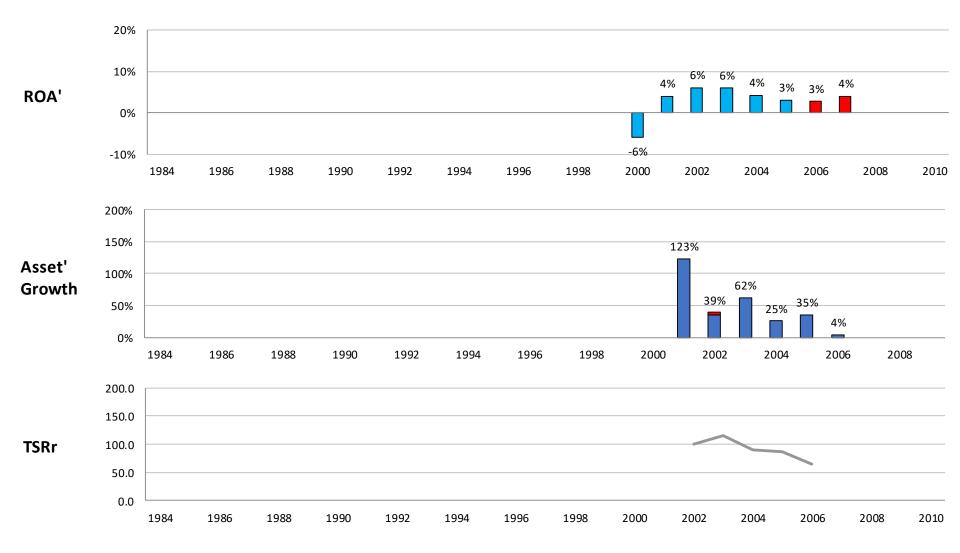


## DHR – Quality of M&A growth is case-by-case



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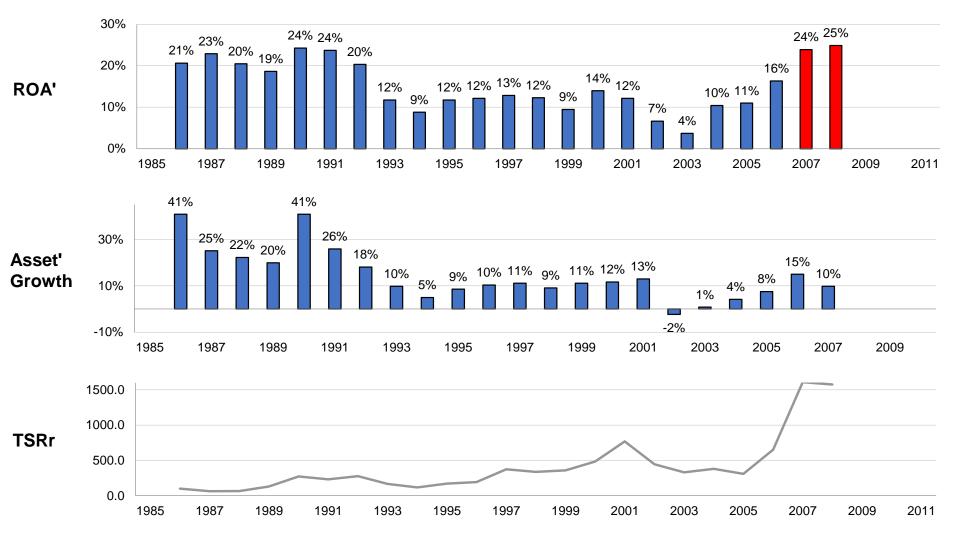
## JBLU – Great product vs. great business



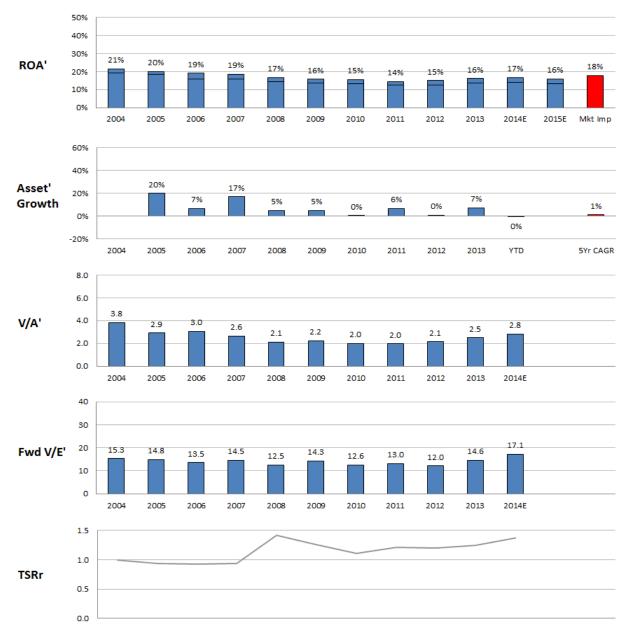
#### NINTENDO CO., LTD.(C) (7974)

#### **Relative Wealth Chart**

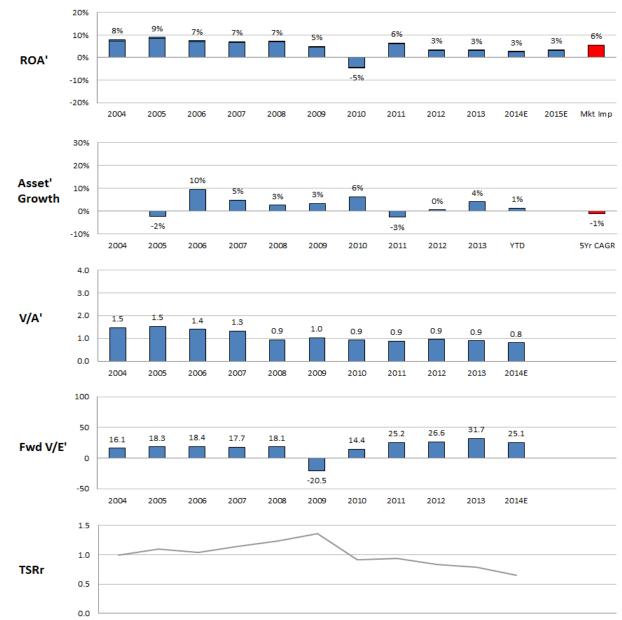
Home Entertainment Software Market Cap: 65.847 USD



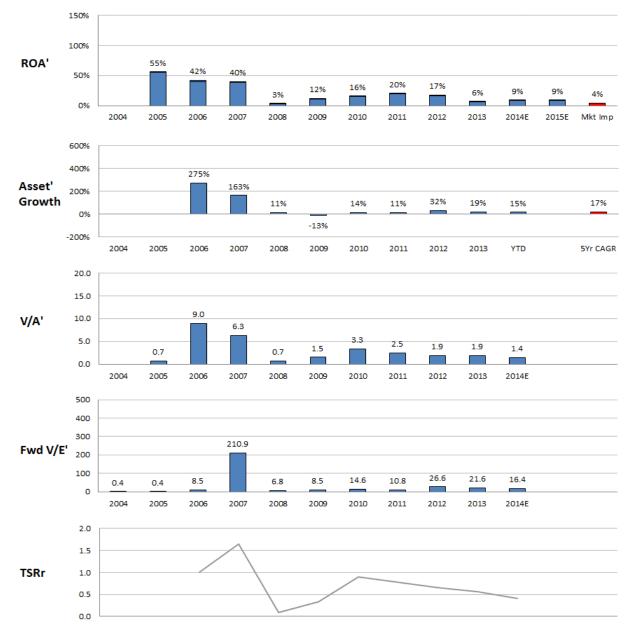
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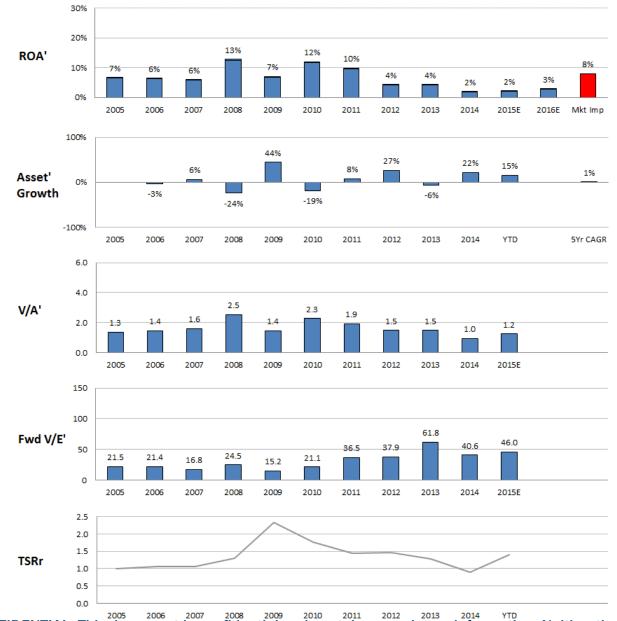
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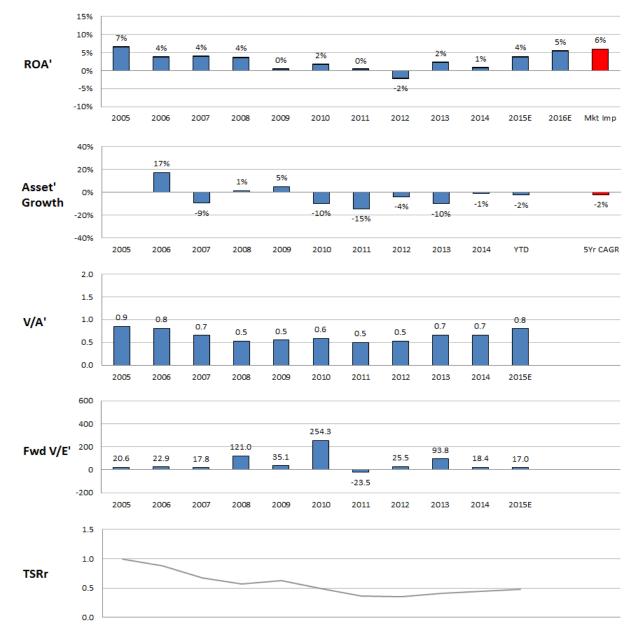
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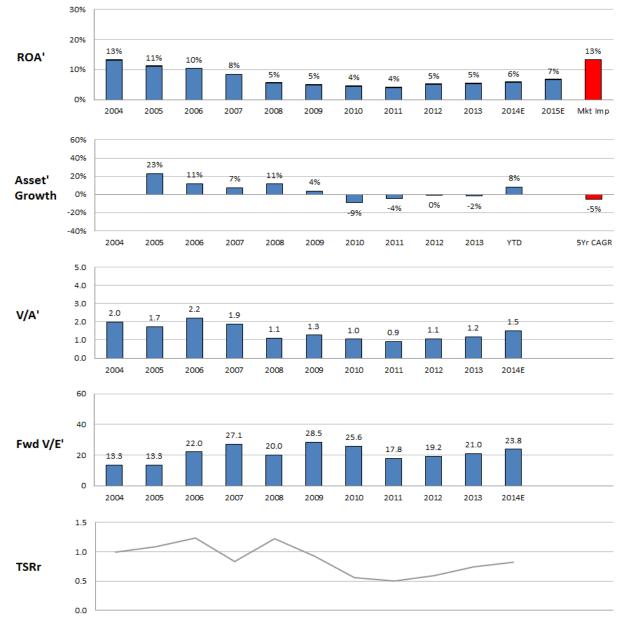
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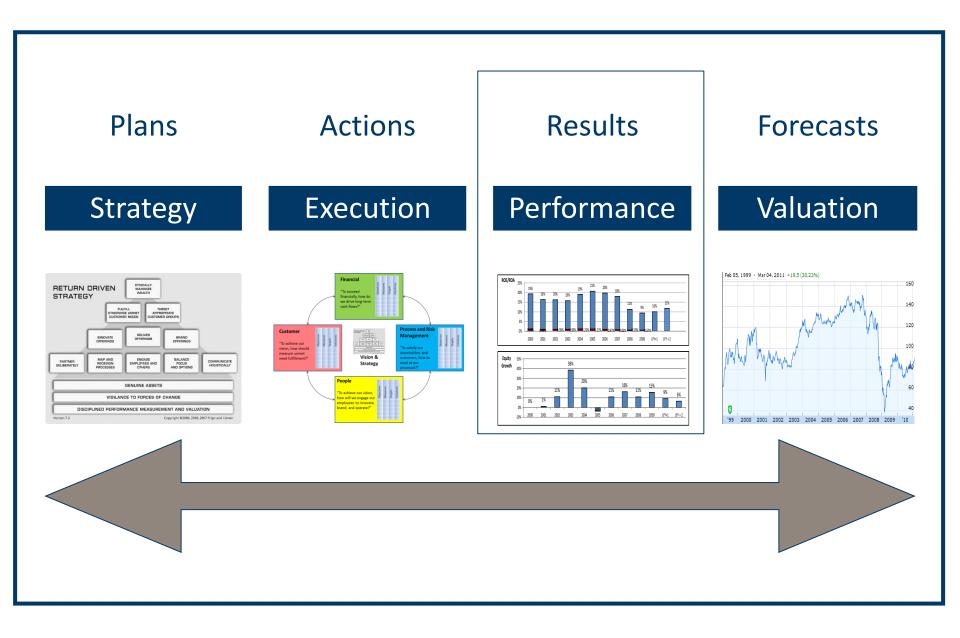


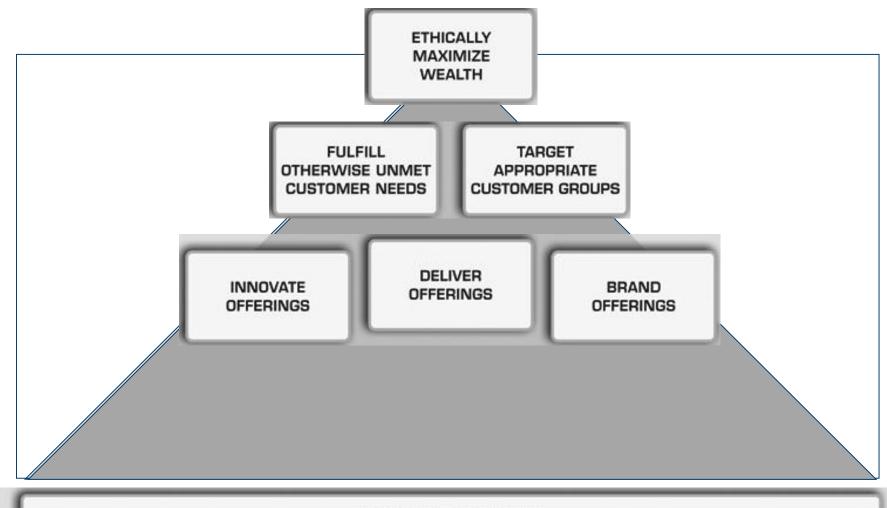
#### 6701 – NEC Corporation



#### TLKM – PT Telekomunikasi Indonesia







#### **GENUINE ASSETS**

#### VIGILANCE TO FORCES OF CHANGE

#### DISCIPLINED PERFORMANCE MEASUREMENT AND VALUATION

Insights from Return Driven Strategy



## Execution of strategy requires a strategy for execution



Insights from Return Driven Strategy



# Execution of strategy requires a strategy for execution

## Use case, rehearsal, pilot... TOY

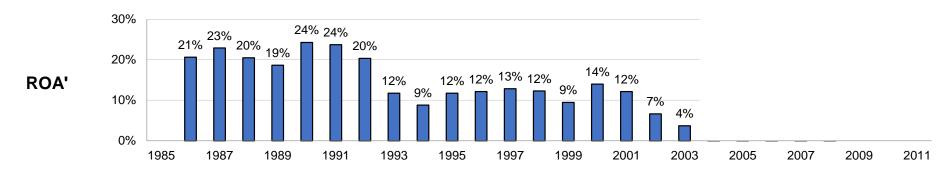
BUSINESS STRATEGY, ILIUMAN ACTIONS, AND THE CREATION OF WEALTH

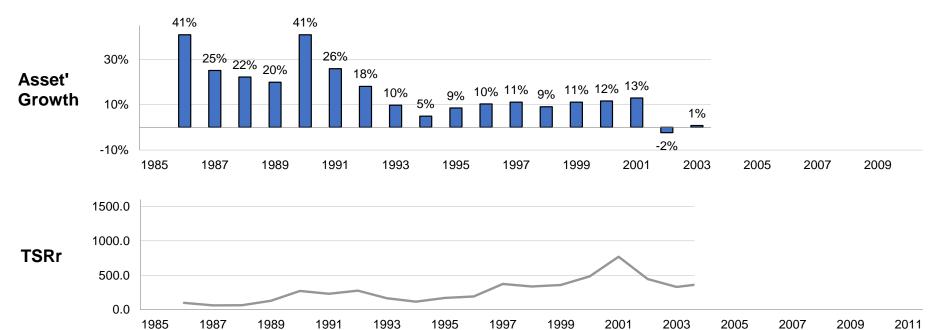
MARK L. FRIGO JOEL LITMAN

#### NINTENDO CO., LTD.(C) (7974)

#### **Relative Wealth Chart**

Home Entertainment Software Market Cap: 65.847 USD

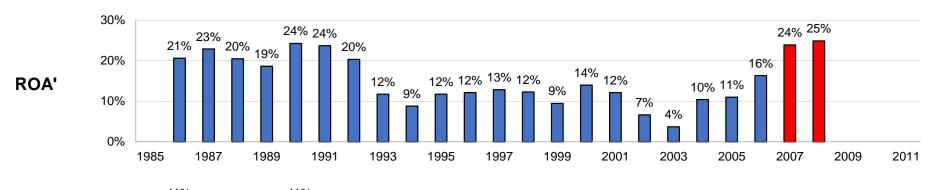


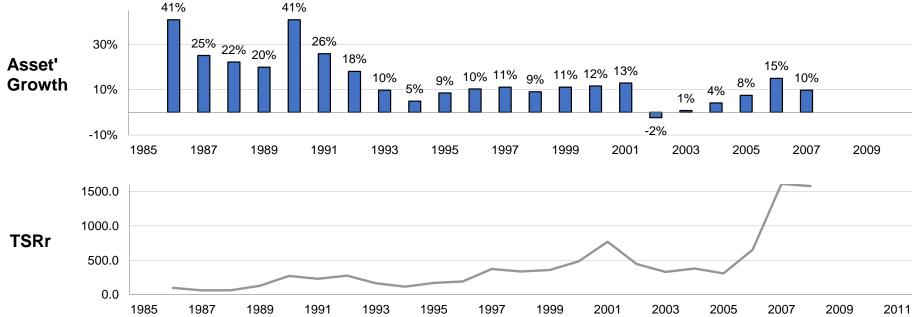


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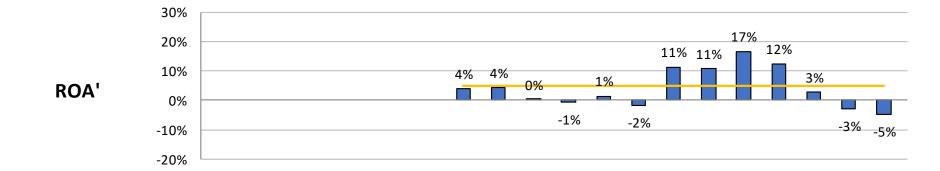
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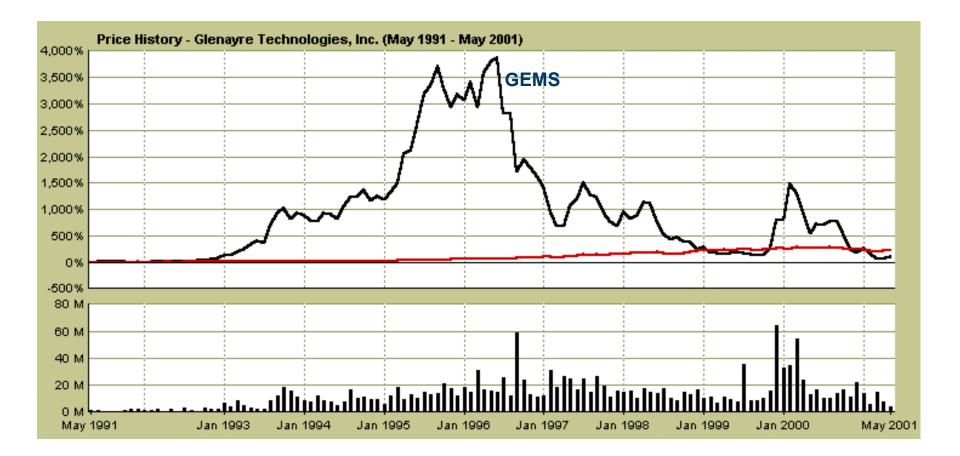
## **Innovation Alone Is Not Enough**



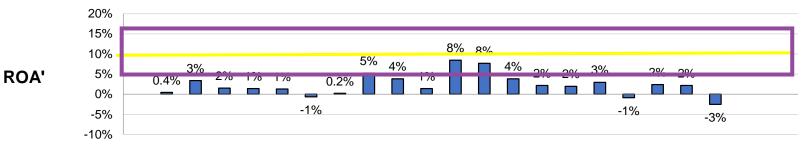
#### Annual Cash Flow Returns from 1988 through 2000

(\$ in Thousands) Sales Revenue	<b>1992</b> 15,586	<b>1993</b> 136,139	<b>1994</b> 172,107	<b>1995</b> 321,404	<b>1996</b> 390,246	<b>1997</b> 451,679	<b>1998</b> 399,942	<b>1999</b> 238,089
R&D Expenditure	1,173	11,843	15,991	23,968	28,983	40,425	52,024	40,831
R&D % of Revenue	7.53%	8.70%	9.29%	7.46%	7.43%	8.95%	13.01%	17.15%

#### **Glenayre stock performance vs S&P 500**

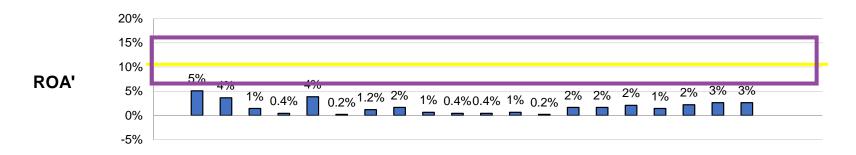


#### What is the value of the brand?



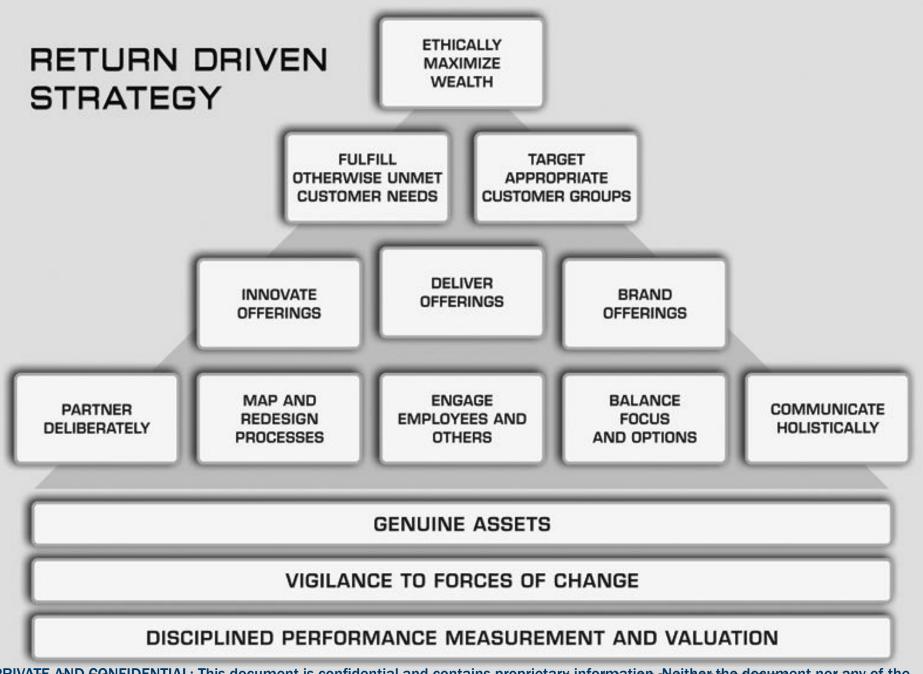
#### **POLAROID CORP - PRD**

#### COORS (ADOLPH) - CL B - RKY



Annual Cash Flow Returns from 1980 through 2000

Source: HOLT Value Associates



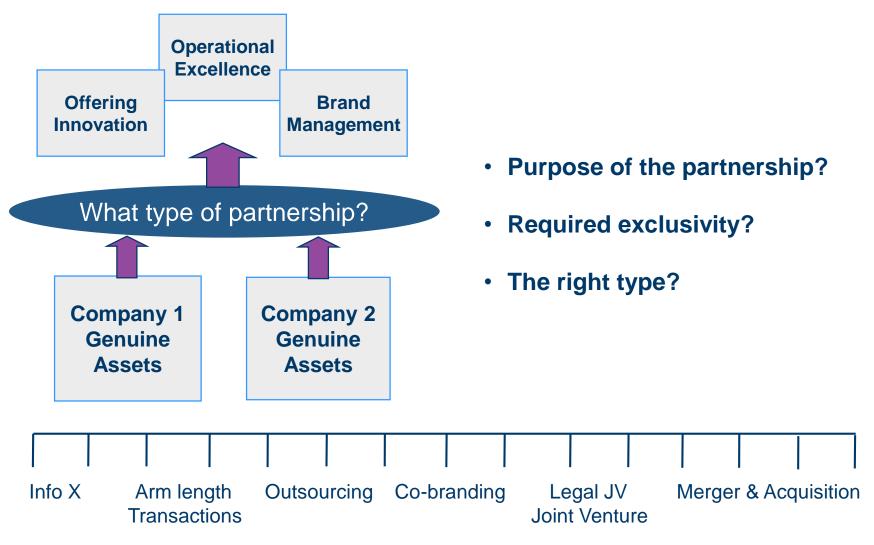


### No company is an island



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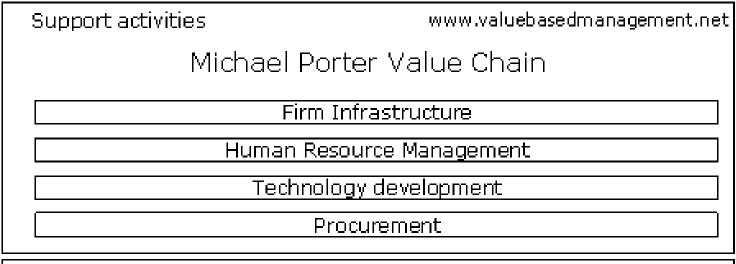
#### **Strategic Partnering Analysis**

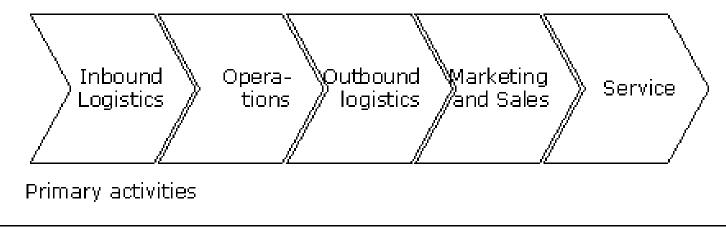




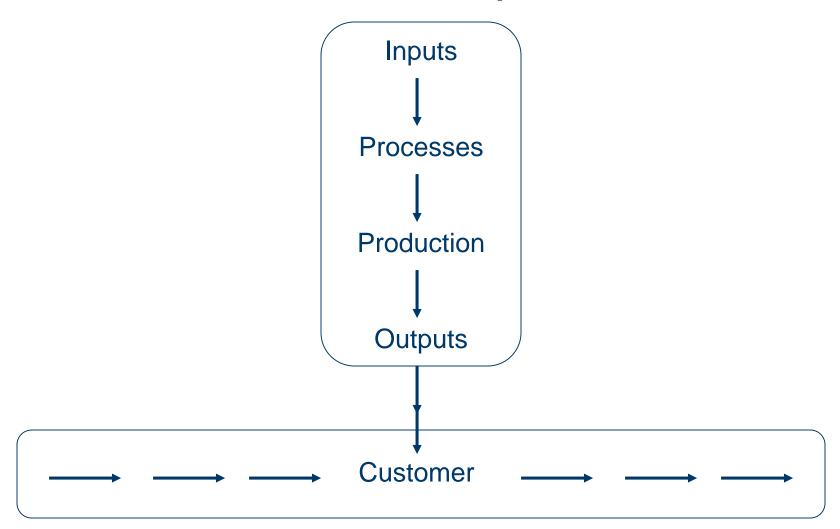
# Reliable navigation begins with reliable maps



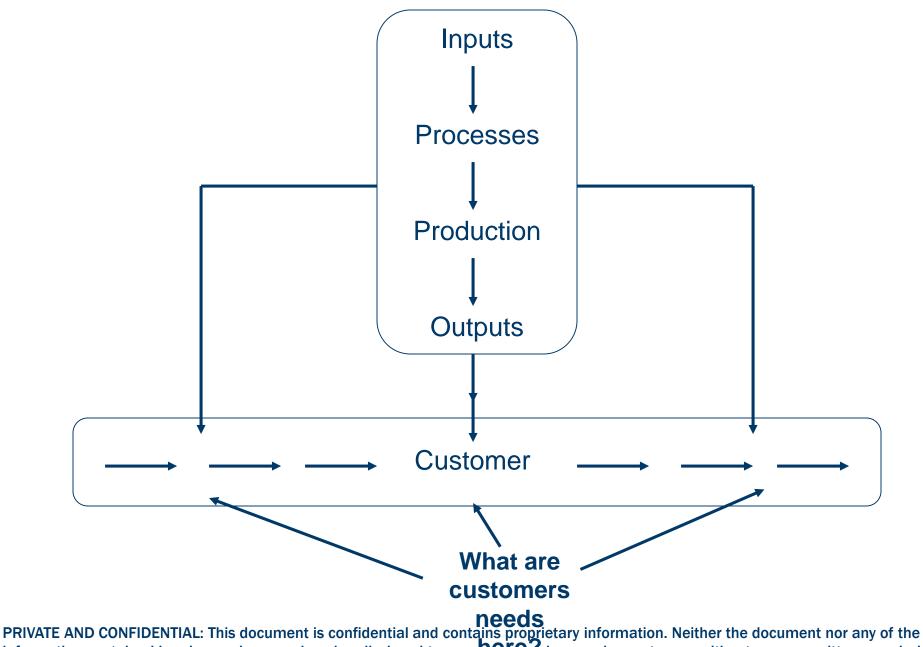




#### **Total Customer Experience**

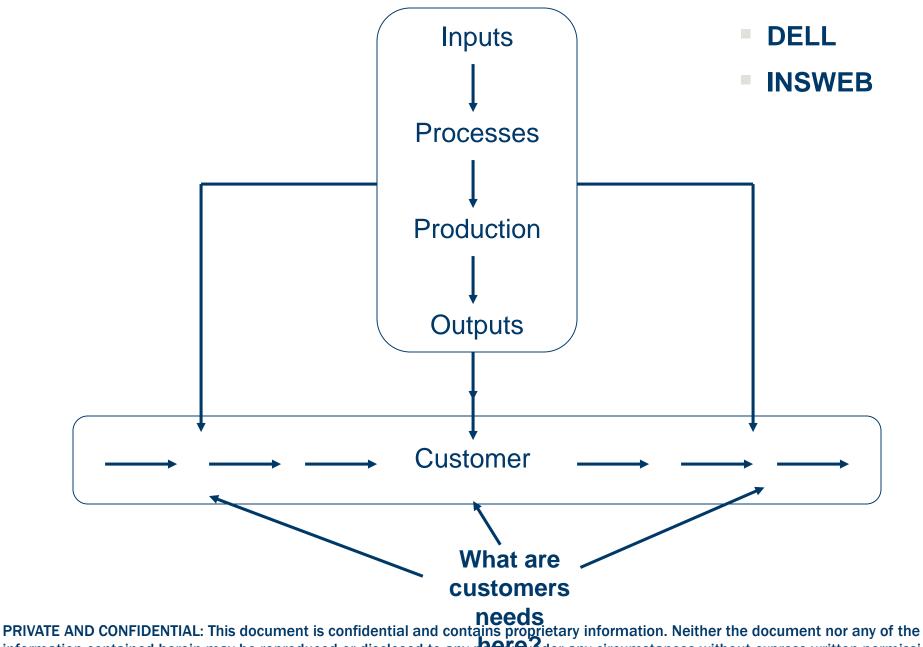


#### **Total Customer Experience**



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#### **Total Customer Experience**



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### High-performing recruiting strategy is just like marketing strategy



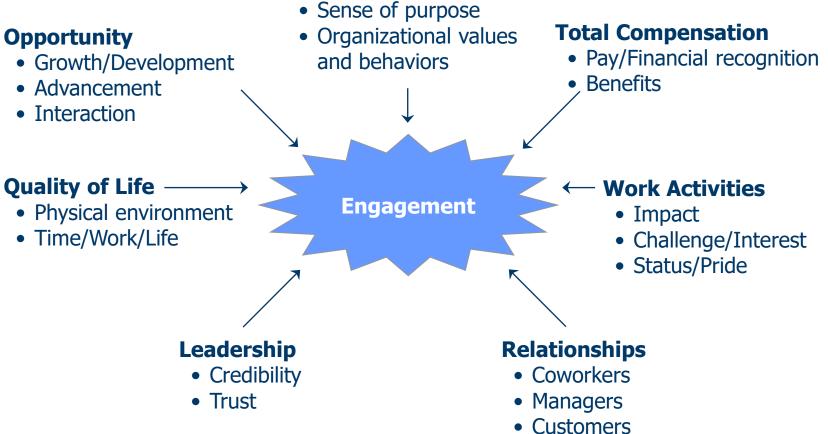
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## Maximizing employee engagement beyond compensation

(Courtesy of Hewitt Associates)

#### **Seven Levers Of Engagement**

#### Culture and Purpose





# How lightning strikes and plants grow

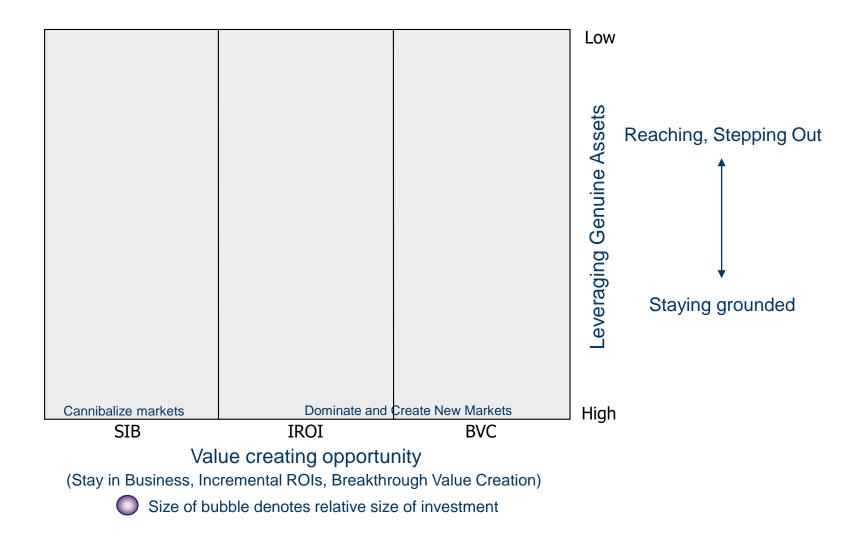


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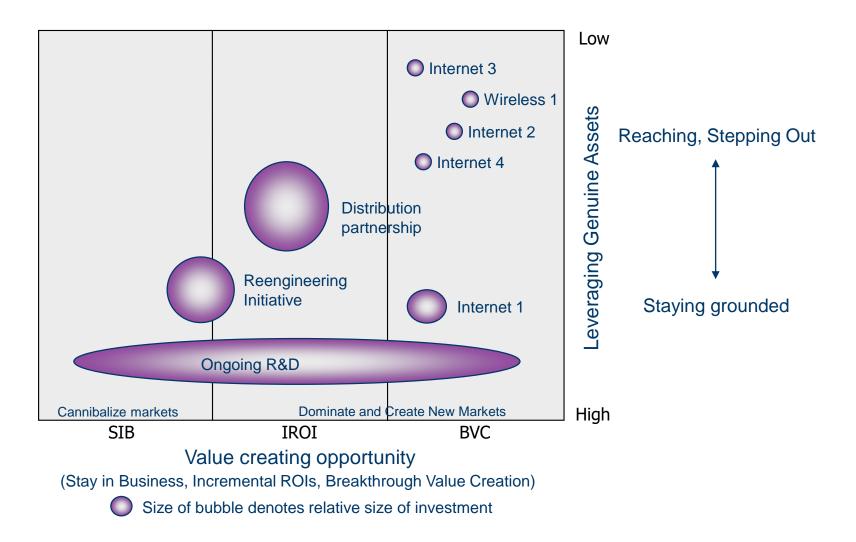
Offering Innovation: To meet customer needs in ways un-replicable

### Failure is an option

#### **Options and Portfolio: Achieving Balance**



#### **Options and Portfolio: Achieving Balance**





### "Holistic" for the whole

Investors Competitors Customer PR Internal The public



DRIVEN

THE CREATION OF WEALTH

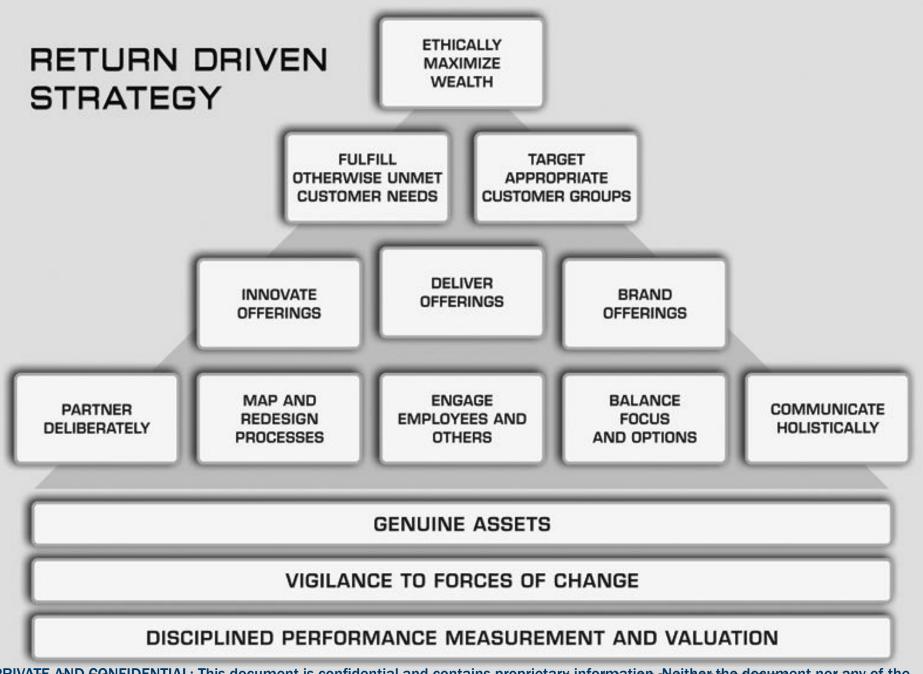


### Speak and write as if everything you say and type will be heard and read by everyone



HUMAN ACTIONS, AND THE CREATION OF WEALTH

MARK L. FRIGO JOEL LITMAN





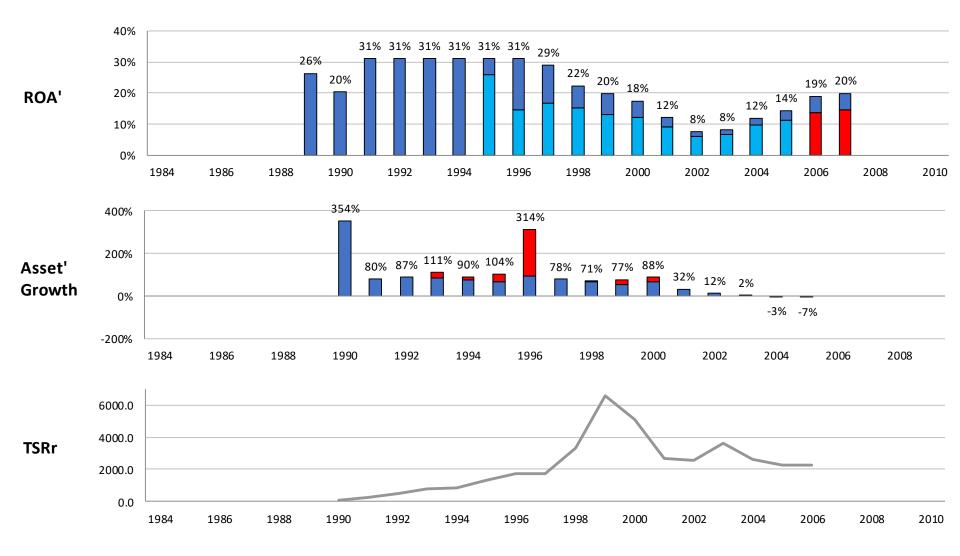
**Return Driven Strategy** 

Professor Joel Litman Chief Investment Strategist November 12-14, 2014

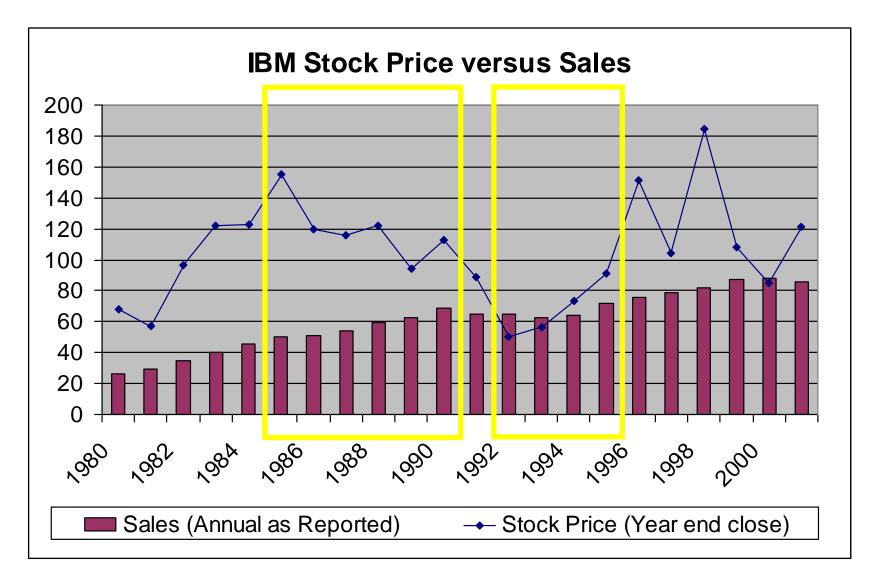




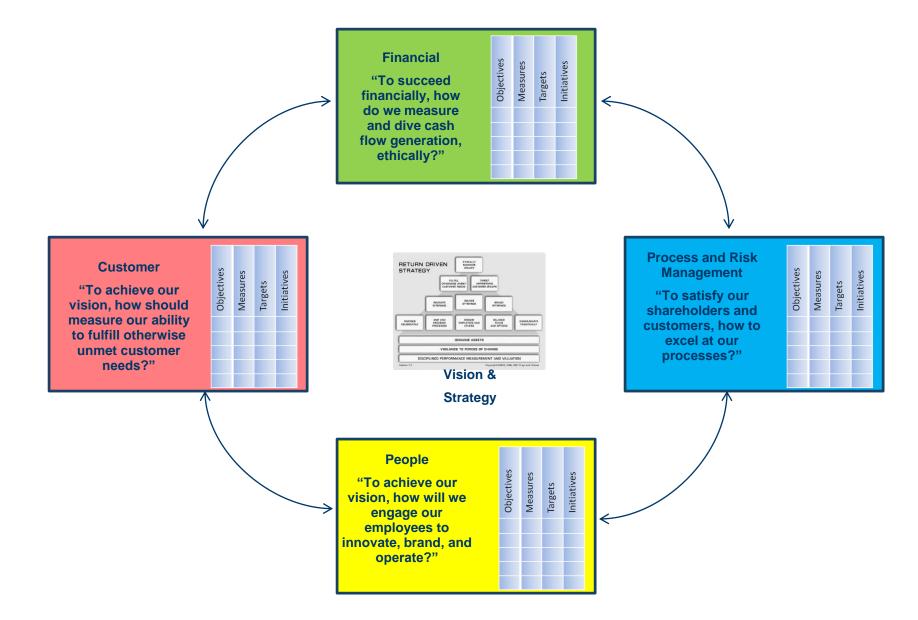
#### CSCO – Quality of M&A growth is case-by-case



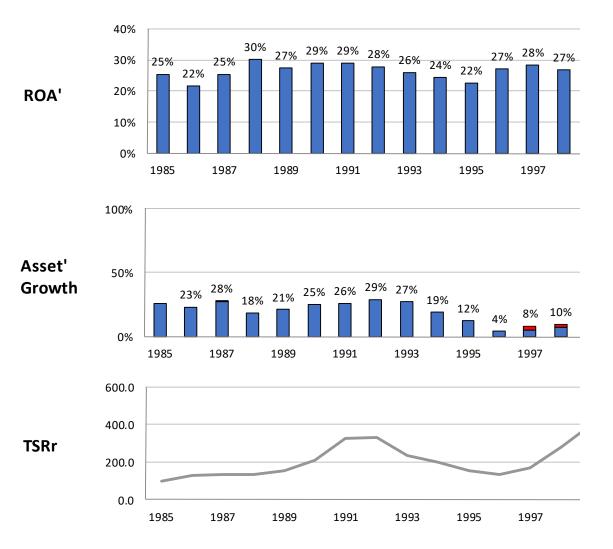
#### What about the top line?

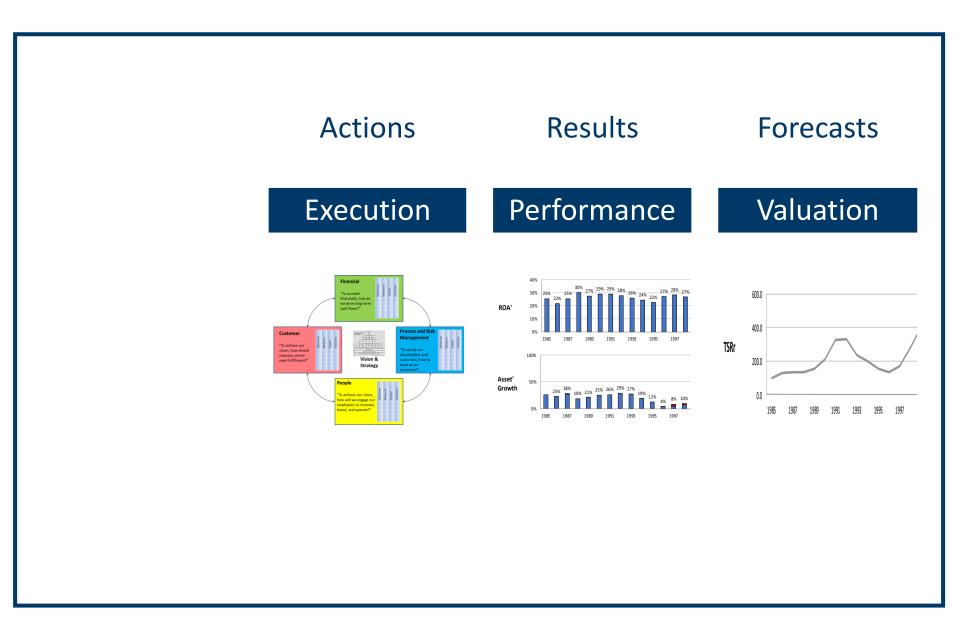


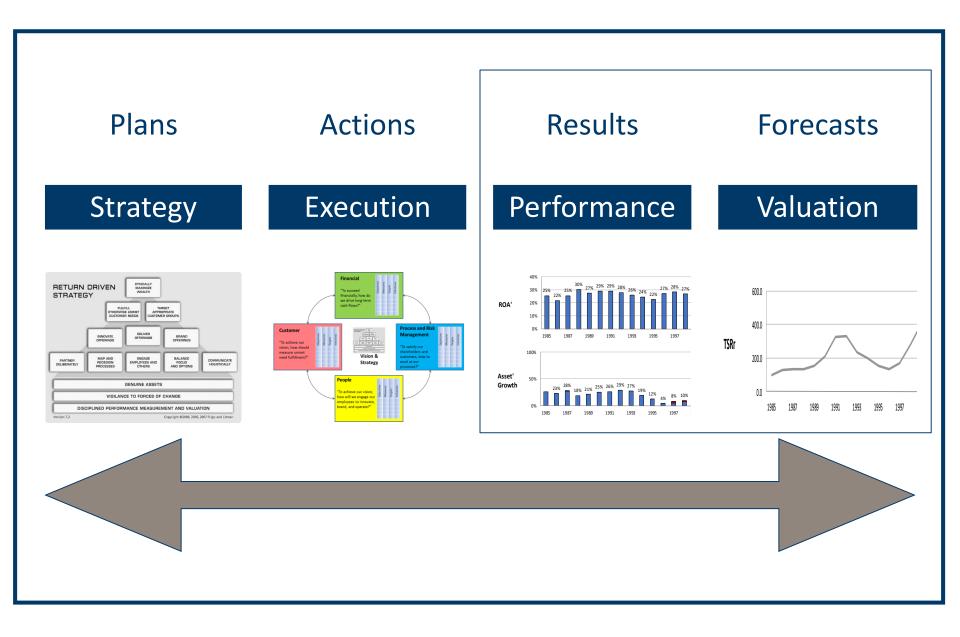


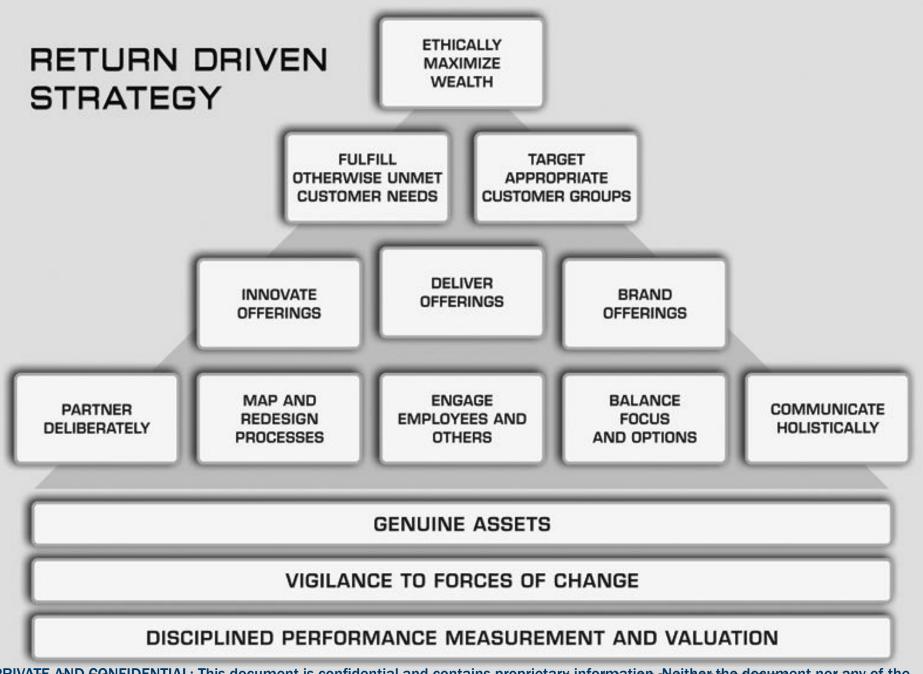


#### WMT









#### Unique need fulfillment = pricing power

# Pricing power can reveal itself relative to variable costs OR fixed costs



## Easier to ride a wave than storm a beachhead



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## When to shrink and grow rich or grow and grow poor



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## Better to steal your own sales than for someone else to



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## Large companies versus great companies



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Eci, un 1 û

#### **Return Driven Strategy**

### **Forgetting Rules 1 and 2**



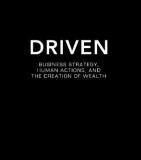
Relative (S&P 500)			
Company	Unethical Practice (Financial Restatement)	Year of Financial Restatement	Total Shareholder Return
MicroStrategy	Improper Revenue Recognition - Premature Revenue Recognition	2000	-90%
Sunbeam Corp	Improper Revenue Recognition - Bill- and-Hold to Inflate Revenues	1998	-87%
Unify Corporation	Improper Revenue Recognition - Fraud	2000	-84%
McKesson HBOC	Improper Revenue Recognition - Fraudulent Inflation of Net Income and Revenues	1999	-76%
Homestore.com	Improper Revenue Recognition - Fraud	2002	-70%
Waste Management	Improper Expense Recognition - Deferral of Expenses	1998	-69%
Cedant Corporation	Improper Revenue Recognition - Fictitious Revenue	1998	-56%
Rite Aid Corp	Improper Expense Recognition - Overstating Inventory to Inflate Net Income	1999, 2000	-88%, -76%
WorlCom, Inc	Improper Expense Recognitions - Capitalizing Expenses	In 2002, the Company and certain of its subsidiaries filed for bankruptcy	

#### The Cost of "Unethical" Means to Maximize Financial Value



# Ethical behavior does not guarantee success

# It reduces the risk of massive financial failure



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Computer Hardware Market Cap: 107.412 USD

### **Great product**

VS.

### **Great business**

## PCs: AAPL, IBM, DELL BMW, JBLU, MCD Real needs? Betamax, Sega, Glenayre...