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Internet Trends

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CM Summit – New York City

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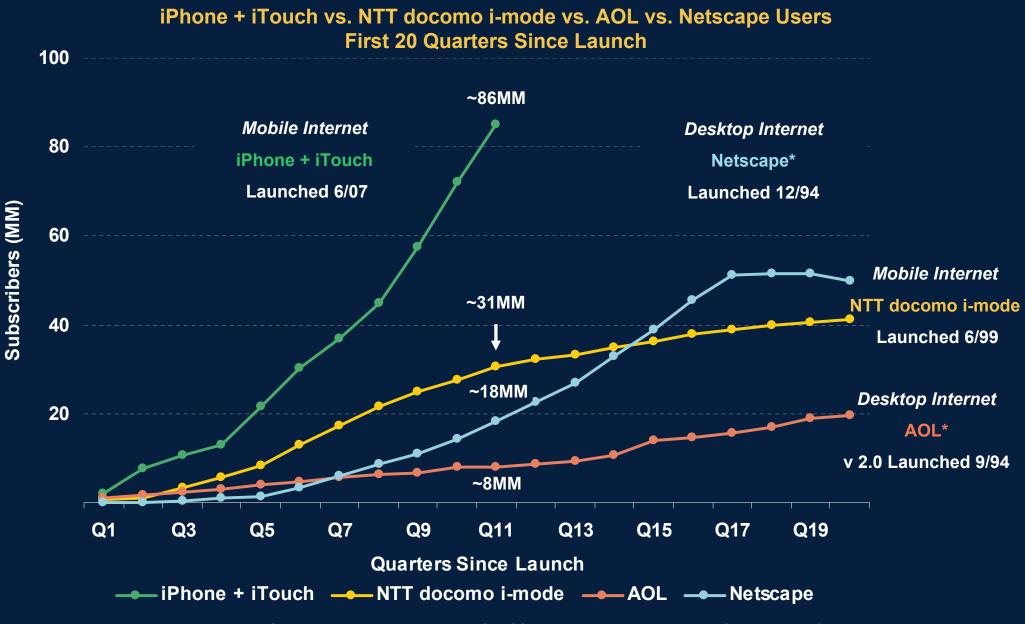
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Internet Trends Outline

- Mobile Internet Unprecedented Early Stage Growth
- Innovation Unprecedented Intensity?
- Online Advertising May Be Entering Golden Age, Finally
- Online Commerce Mobile Should Be Share Gain Accelerator
- **Communications** Share Shift to Sharing
- 'Cloud Computing' Consumer First, Enterprise Next
- Technology What's Next...
- **Beyond Technology** It's Complicated...

Mobile Internet – Unprecedented Early Stage Growth

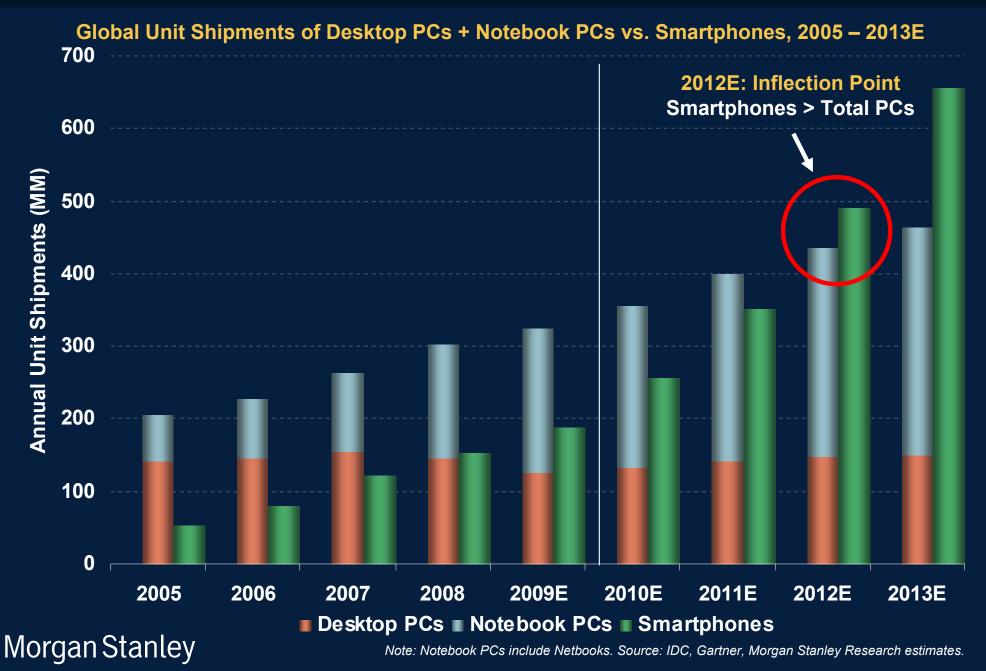
Mobile Internet Ramping Faster than Desktop Internet Did – Apple Leading Charge



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Note: *AOL subscribers data not available before CQ3:94; Netscape users limited to US only. Morgan Stanley Research estimates ~50MM netbooks have shipped in first 10 quarters since launch (10/07). Source: Company Reports , Morgan Stanley Research. 4

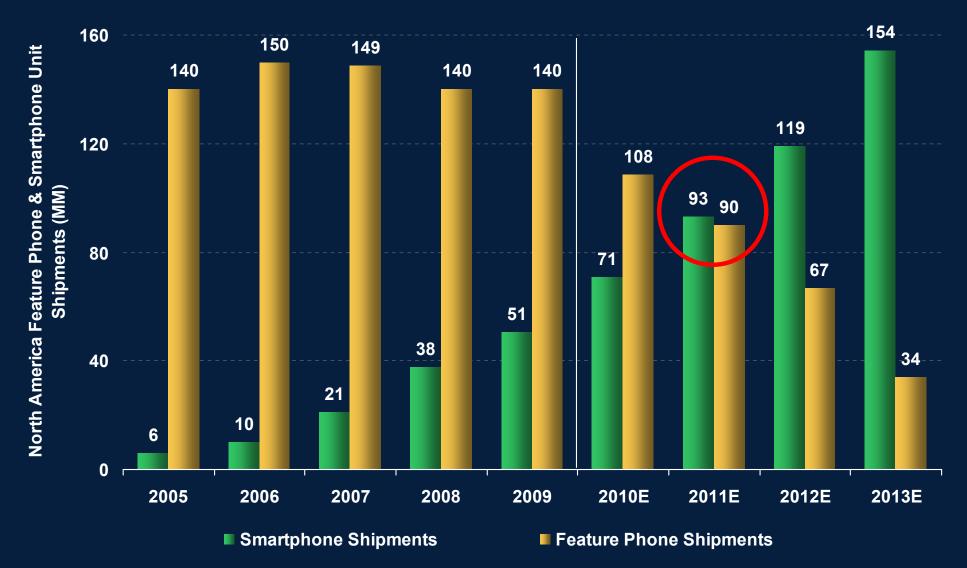
Smartphone > PC Shipments Within 2 Years, Global – Implies Very Rapid Evolution of Internet Access



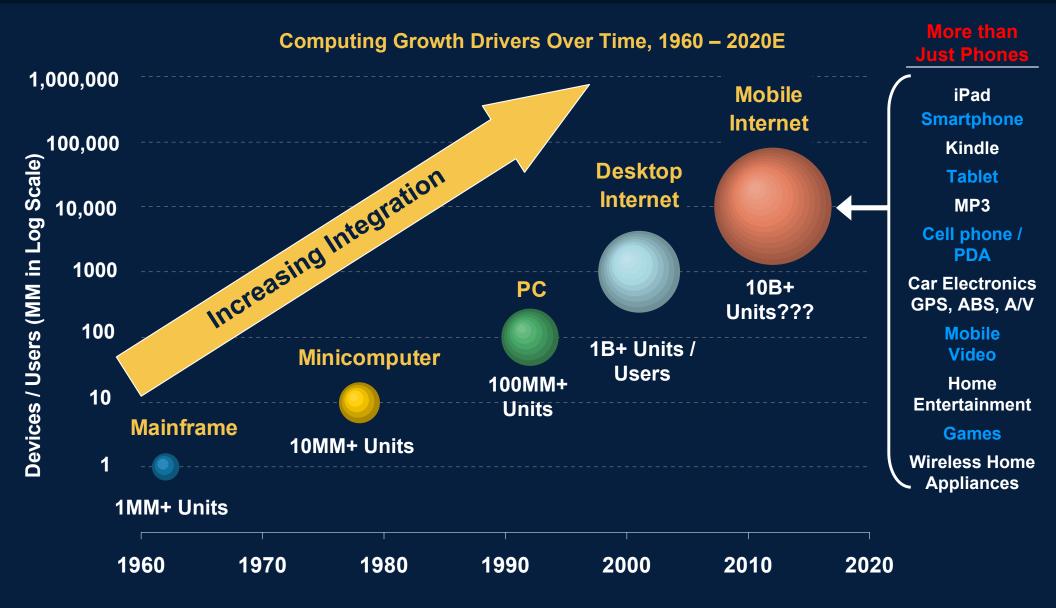
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Smartphone > Feature Phone Shipments Within 1 Year, N. Amer. – Implies Very Rapid Evolution of Internet Access

North America Unit Shipments of Smartphones vs. Feature Phones, 2005 – 2013E



New = Reduce Usage Friction Via Better Processing Power + Improved User Interface + Smaller Form Factor + Lower Prices + Expanded Services

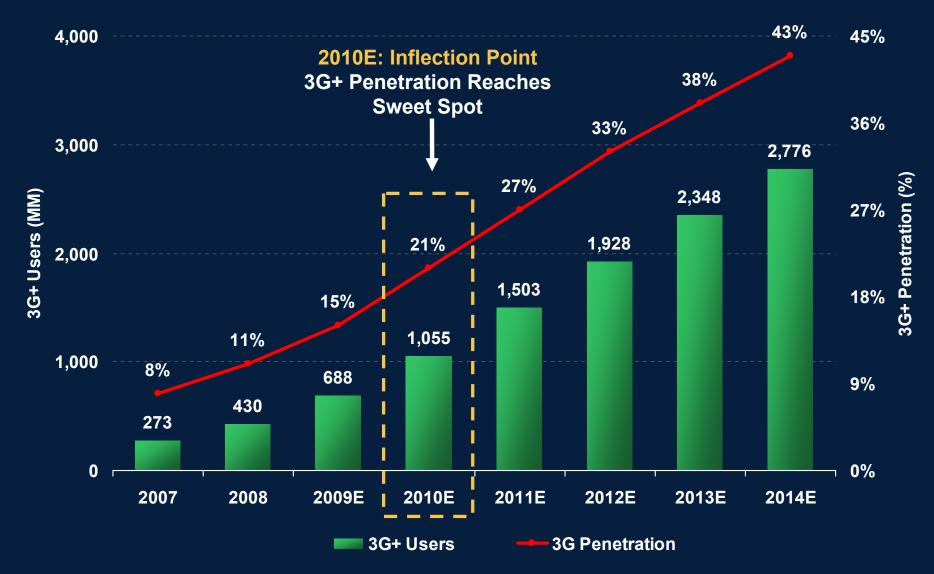


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Note: PC installed base reached 100MM in 1993, cellphone / Internet users reached 1B in 2002 / 2005 respectively; Source: ITU, Mark Lipacis, Morgan Stanley Research.

3G = A Key to Success of Mobile Internet – 2010E 'Mainstream' Inflection Point, 3G Penetration >20%

Global 3G+ Subscribers & Penetration, 2007 – 2014E



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Note: 3G+ technologies include WCDMA, HSPA, TD-SCDMA, 1xEV-DO, LTE and WiMax. Source: Ovum Estimates, Morgan Stanley Research.

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Wireless Options Growing Rapidly – Creating Broad-Based Wireless Infrastructure



 GPS – 421MM+ chipsets sold in 2008E, +57% Y/Y; Cell Phones / PDAs = 60% of GPS shipments.



 3G – 485MM global users, +46% Y/Y in CQ2, >11% mobile user penetration, rising to 44% by 2013E...Japan / W. Europe / USA already >30% penetration.



Wi-Fi – 319MM chipsets sold in 2008E, +42%Y/Y with 862MM installed base; estimate 60% of iPhone / iTouch usage may be on Wi-Fi, providing a crucial (and ~10x faster) offload to stressed 3G networks.

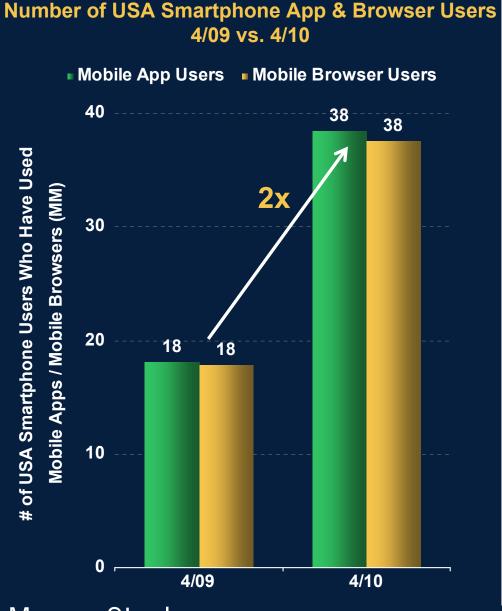


Bluetooth – 1.3B Bluetooth-enabled units shipped in 2008, +45%
 Y/Y; 2B+ Bluetooth devices in use.

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Source: 3G subscribers data per Informa, Wi-Fi usage estimates per AdMob, Wi-Fi shipments by Wi-Fi Alliance; installed base per iSuppli, assuming 4-yr replacement cycle; Bluetooth shipment per iSuppli, installed base per The Bluetooth Special Interest Group; GPS shipment per Future Horizons. Picture sources: Howstuffworks.com, Boy Genius Report, Cisco, Letsbuy.com.

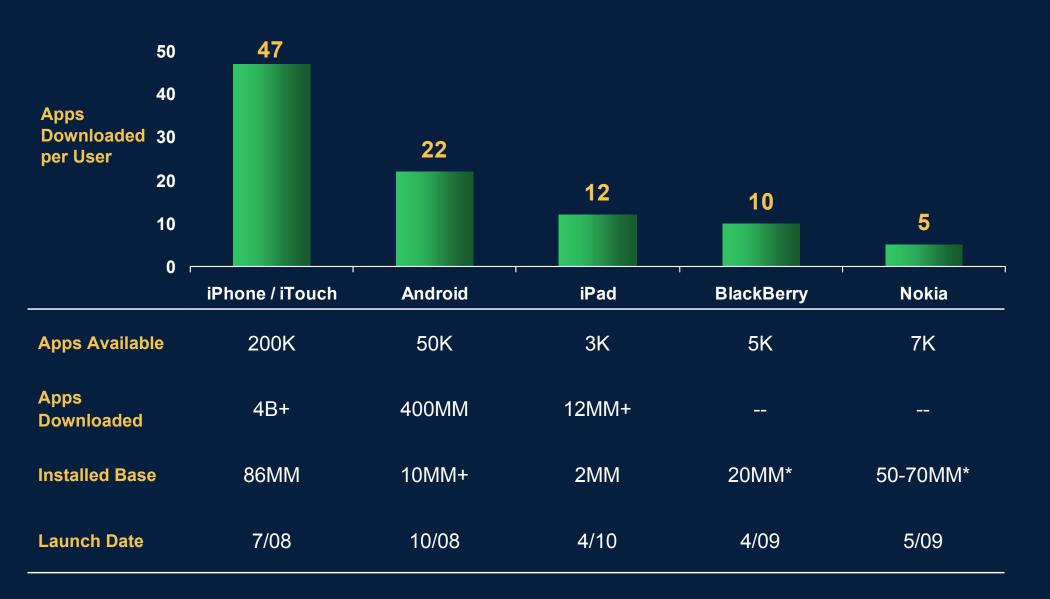
Mobile Apps & Mobile Search – Users of Both Up 2x Y/Y...Search = Most Used Browser Feature, USA



% of Mobile Browser Users Who Have Done the Following Activities, 4/10



Mobile App Usage Ramp = Unprecedented

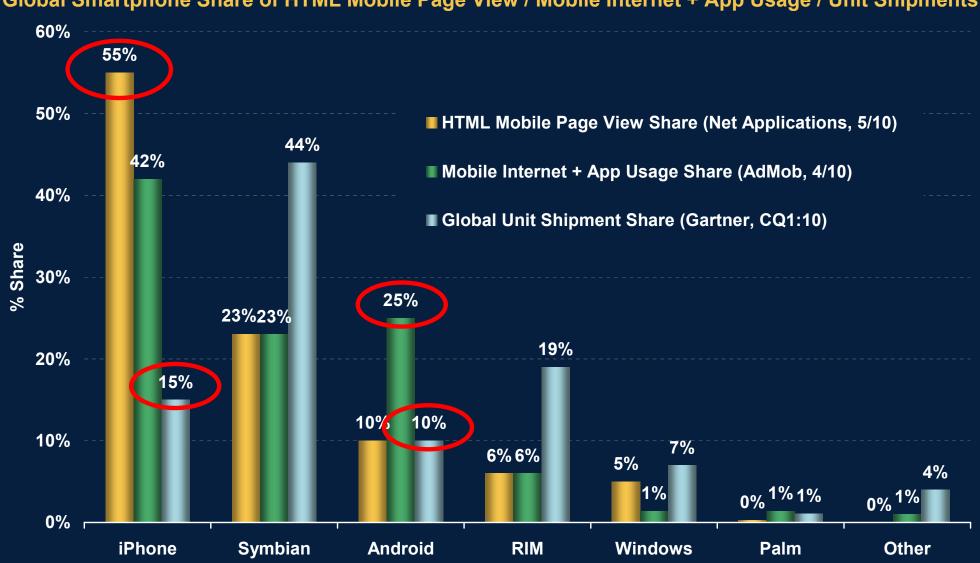


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Note: *BlackBerry / Nokia installed base excludes older devices that cannot support app stores. Nokia apps available / downloaded exclude wallpapers / ringtones / music tracks. Source: Distimo, Apple, Google, RIM, Nokia, Nielsen. Morgan Stanley Research.

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iPhone + Android Internet Usage = Outsized vs. Unit Installed Base



Global Smartphone Share of HTML Mobile Page View / Mobile Internet + App Usage / Unit Shipments

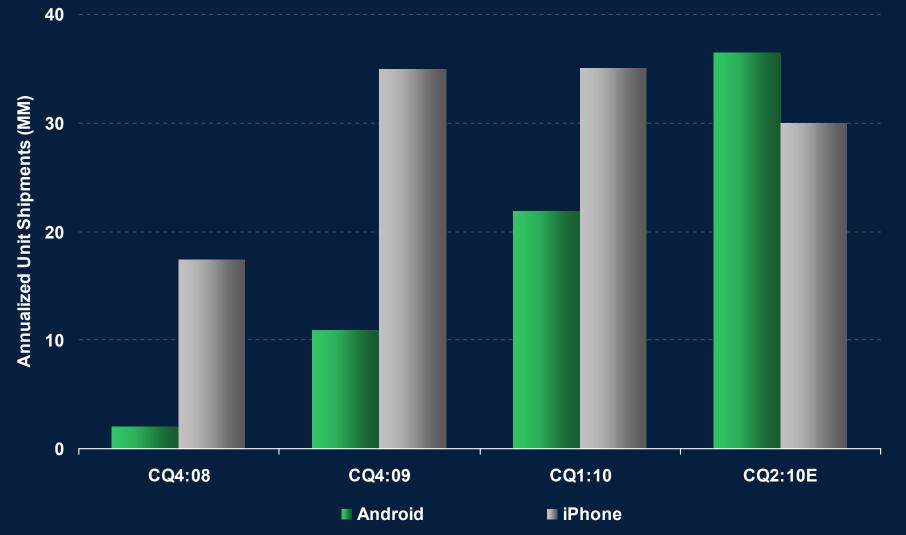
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Note: Net Applications collects data from ~160MM monthly visitors on mobile devices that render full HTML pages and JavaScript. Visits to WAP pages / on feature phones are excluded. Source: AdMob Mobile Metrics Report (4/10), Net Applications (5/10), Gartner (CQ1:10).

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Android Unit Shipments Ramping Fast – Annualized Rates Near iPhone

Annualized Unit Shipments, Android vs. iPhone, CQ4:08 – CQ2:10E



Note: iPhone annualized shipments based on historical quarterly shipments (CQ2:10E data based on Katy Huberty's estimate). Android annualized shipments based on daily shipments & activation data provided by Google (e.g. Google disclosed that 100K Android units are activated / shipped daily in 5/10, leading to an annualized units of 36.5MM in CQ2:10E).

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Source: Company data, Katy Huberty, Morgan Stanley Research.

Apple iPad =

Among One of the Fastest Growing New Consumer Computing Devices Ever

Number of Days to Reach 1MM Units Sold

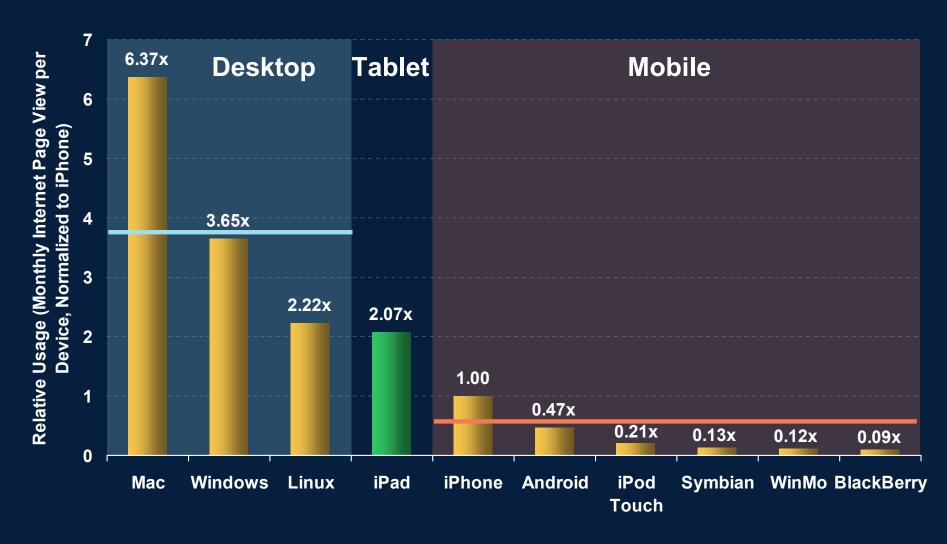
						In the second se
Nintendo Wii*	Nintendo DS*	iPad	iPhone	Netbooks	BlackBerry	iPod
~13	~15	28	74	~180	~300+	~360+

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Note: *Nintendo Wii & DS were launched during holiday seasons (11/19/06 for Wii, 11/21/04 for DS); iPad shipped on 4/3/10; iPhone shipped on 6/29/07, First netbook (Asus Eee PC) shipped on 10/16/07, BlackBerry smartphone first shipped 2002, iPod shipped on 10/23/01. Source: Company data, Katy Huberty, Morgan Stanley Research.

Apple iPad Internet Usage = More Like Desktop PCs than Smartphones

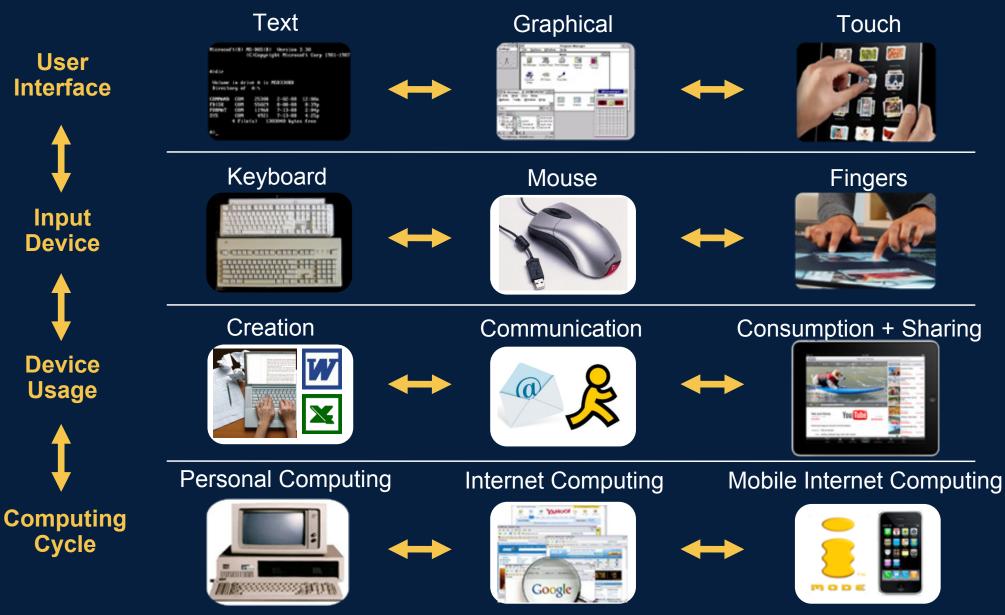
Monthly Internet Page Views per Device, Normalized to iPhone*, 5/10



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Note: *We calculate usage as follows: market share of Internet page views by OS (per Net Applications) divided by market share of device installed base (desktop per Gartner, tablet & mobile per company data and our estimate) and then normalize it to iPhone's level. Source: Company data. Gartner, Net Applications, Morgan Stanley Research.

User Interface + Device Usage Evolution Over Past 30 Years – From Input...to Output...to Sharing



Massive / Rapid User Expectation Change

In Just 2 Years, Wireless Consumers Expect...

- Always-On Access with Super-Fast 'Boot Time'
- Near Zero Latency Access to Nearly All Information
- Day-Long-Plus Battery Life in Elegant Portable Devices

Innovation – Unprecedented Intensity?

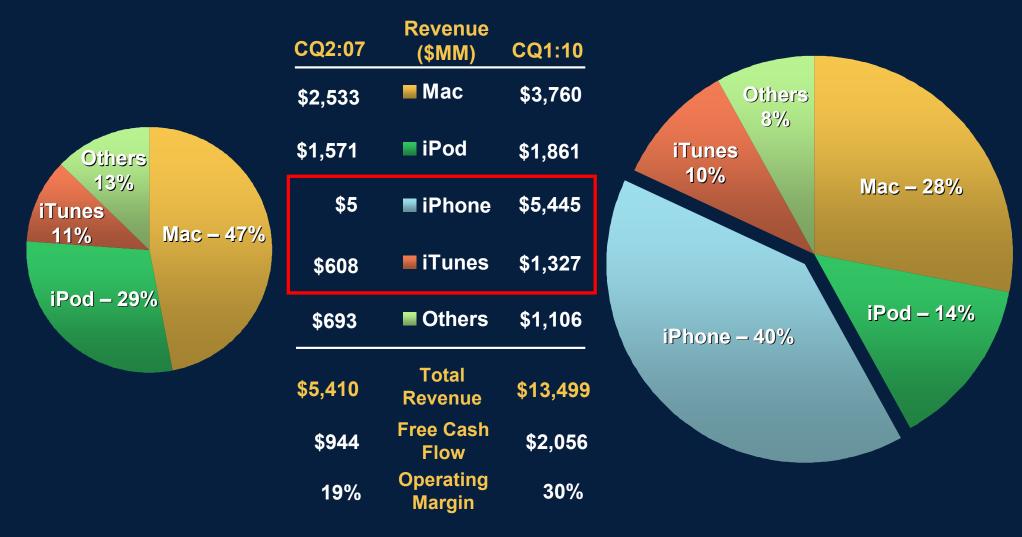
Mobile Internet – Tortoise vs. Hare? USA Surpassed Japan as Country with Most 3G Users in CQ1:09 – USA Has Become Global Leader in Mobile Users + Innovation

3G Users in Japan vs. USA, 2002 - 2009



Apple's Epic Reinvention – Innovative Mobile Devices Driving Material Revenue Upside

Apple's Revenue Mix, Free Cash Flow & Operating Margin, CQ2:07 vs. CQ1:10



Unusually High Level of Innovation from Incumbents

- Apple iPad / iPhone / iTouch / iTunes / Multi-Touch Input
- Google Android / Chrome / YouTube / Display Advertising / Web Apps
- Amazon.com Kindle / EGM (Electronics & General Merchandise) Sales / Mobile Apps / AWS (Amazon Web Services)
- Tencent Virtual Goods
- Nintendo / Sony / Microsoft Motion Sensors (natural gaming input)
- PayPal Mobile Payments
- Netflix Streaming Content
- Salesforce.com Chatter (real-time enterprise collaboration platform)

Unusually High Level of Innovation from New Attackers

- Facebook Real-time Communication / Social Graph / Credits (payment platform)
- Skype VoIP (Voice-over-IP) / Video Calling
- Zynga Virtual Goods / Offers (Reward-Driven Marketing)
- Twitter One-to-Many Real-Time Broadcast
- OpenTable / Yelp Location-Aware Mobile Services
- Hulu Streaming Content
- Gilt / One Kings Lane / Rue La La Time-based 'Flash' Sales
- Groupon Social Group Buying
- Tapulous / Digital Chocolate / Ngmoco:) Social / Mobile Gaming

Unusually High Level of Global Innovation – Facebook & Tencent Learning From Each Other's Playbooks...

Facebook

- Largest Social Network in English-Speaking Countries – 519MM visitors, +69% Y/Y in 4/10
- Real Identity Sharing among real-world friends / pictures / events



Tencent

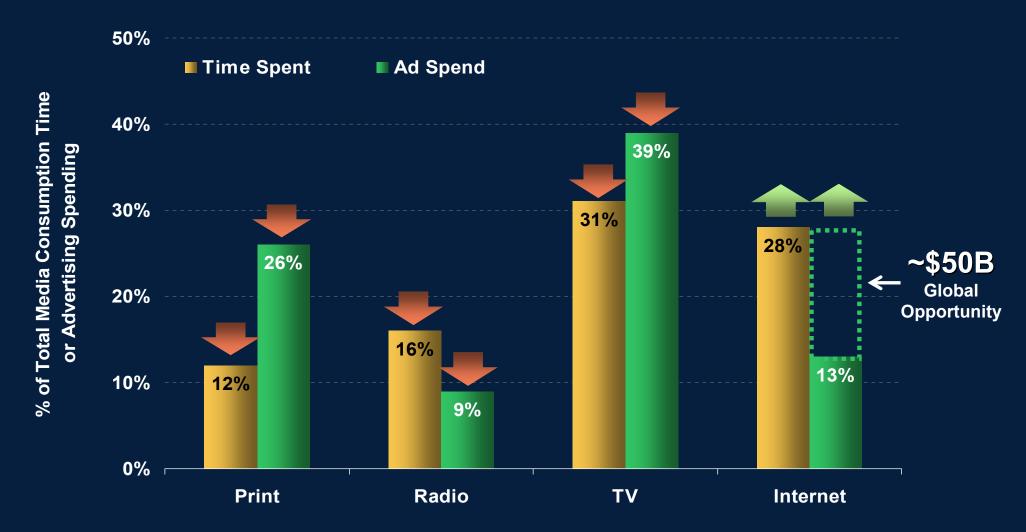
- Largest Social Network in China 523MM active IM users, +39% Y/Y in CQ1
- Virtual Identity \$1.4B virtual goods revenue (from users customizing their avatars / purchasing game items...) in 2009, +94% Y/Y



Online Advertising – May Be Entering Golden Age, Finally

Media Time Spent vs. Ad Spend Still Out of Whack Internet / Mobile (upside...) vs. Newspaper / Magazine / TV (downside...)



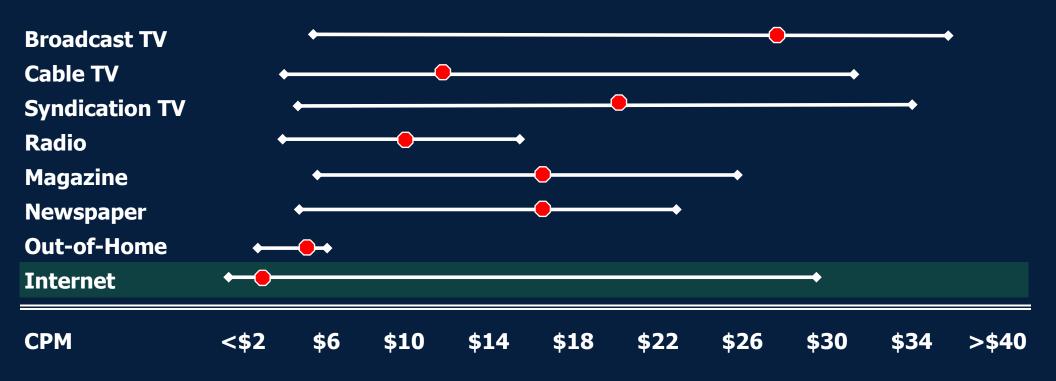


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Note: Time spent data per NA Technographics (2009), ad spend data per VSS, Internet advertising opportunity assumes online ad spend share matches time spent share, per Yahoo!. Source: Yahoo! Investor Day, 5/10. 25

Average Online CPMs = Still Well Below Other Media, Illustrating Upside Potential

Advertising Cost per Thousand Impressions by Medium, 2009 / 2010



Denotes average CPM

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Note: all media measured per adult (not per household), based on 2009 / 2010 rates; low estimates for traditional media include advertisements aimed at mass market (no demo targeting); Average estimates for TV include 1) early am, 2) daytime, 3) early news, 4) primetime, and 5) late evening and are based on upfront pricing. Source: Media Dynamics, comScore, Ben Swinburne, Morgan Stanley Research.

Google Paid Clicks Accelerating Showing Advertisers + Google Serving Better Results

Google Key Operating Metrics, CQ1:08 – CQ1:10

	CQ1:08	CQ2:08	CQ3:08	CQ4:08	CQ1:09	CQ2:09	CQ3:09	CQ4:09	CQ1:10
Net Revenue (ex. TAC) (\$MM)	\$3,700	\$3,893	\$4,046	\$4,218	\$4,073	\$4,070	\$4,386	\$4,953	\$5,064
Y/Y Growth	46%	43%	34%	25%	10%	5%	8%	17%	24%
EBITDA (\$MM)	\$2,164	\$2,242	\$2,409	\$2,532	\$2,564	\$2,544	\$2,770	\$3,122	\$3,110
Margin (%)	58%	58%	60%	60%	63%	63%	63%	63%	61%
Capital Expenditures (\$MM)	\$842	\$698	\$452	\$368	\$263	\$139	\$186	\$221	\$239
% of Revenue	23%	18%	11%	9%	6%	3%	4%	4%	5%
Gross Advertising Revenue (\$MM)	\$5,087	\$5,185	\$5,352	\$5,505	\$5,331	\$5,336	\$5,757	\$6,465	\$6,475
Y/Y Growth	40%	35%	28%	16%	5%	3%	8%	17%	21%
Paid Clicks (MM)	9,640	9,602	9,995	10,945	11,273	11,003	11,388	12,401	12,959
Y/Y Growth	20%	19%	18%	18%	17%	15%	14%	13%	15%
Cost per Click (\$)	\$0.53	\$0.54	\$0.54	\$0.50	\$0.47	\$0.48	\$0.51	\$0.52	\$0.50
Q/Q Growth	7%	2%	-1%	-6%	-6%	3%	5%	3%	-4%

Yahoo! Display + Home Page Growth Accelerating Showing Online Targeting / Personalization Improving

- Owned & Operated display advertising revenue +20% Y/Y to \$444MM in CQ1:10
- Post redesign (7/09), homepage time spent growth accelerated to +15% Y/Y in CQ4:09 from +8% in CQ4:08
- 32K customized homepages delivered every 5 minutes; 1MM variations per day



Yahoo! Homepage

Facebook's 500MM+ Users + Under-Monetized 'Like' Connections Offer Significant New Ad Opportunities

		# of People Who Like	Equivalent TV	
Rank	Top 20 Brands / Products	This (Millions)	Shows*	TV CPM Range (\$)
1	Texas Hold'em Poker (Zynga)	19.0	NCIS	^
2	Mafia Wars (Zynga)	12.3	The Good Wife	
3	Facebook	9.5	Glee	
4	Starbucks	7.4	Fringe	~\$30
5	Coca-Cola	5.4		
6	YouTube (Google)	5.1	Parks & Recreation	\uparrow
7	Skittles (Mars)	4.7	Happy Town	
8	Oreo (Kraft)	4.6		\checkmark
9	Red Bull	4.1		Y
10	Windows Live Messenger (Microsoft)	4.1		~\$25
11	iTunes (Apple)	4.0		^
12	Nutella (Ferrero)	3.9	Scrubs	
13	Disney	3.5	Vampire Diaries	
14	Victoria's Secret (Limited Brands)	3.5		\checkmark
15	Pringles (P&G)	3.3		
16	Adidas Originals (Adidas)	2.9	Dollhouse	~\$20
17	Kinder Surprise (Ferrero)	2.7	Smallville	
18	Ferrero Rocher (Ferrero)	2.7		
19	Converse	2.7		
20	iPod	2.7		

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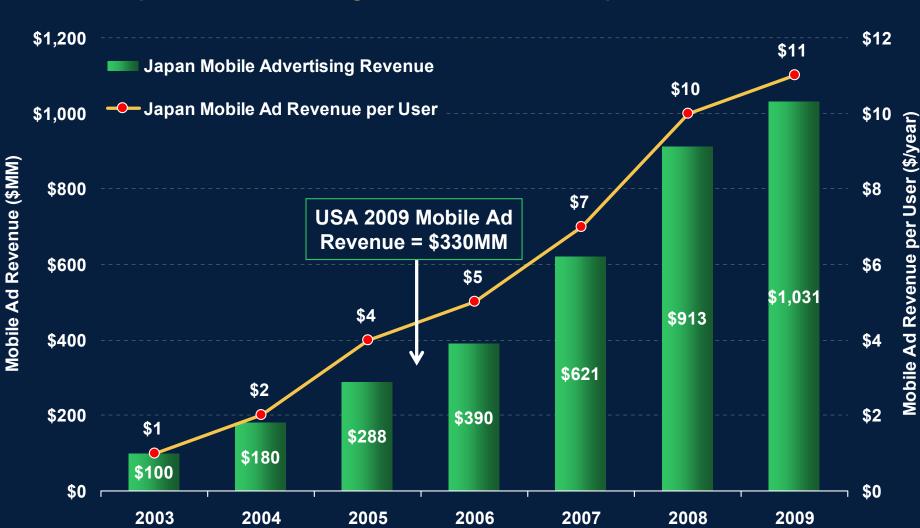
Note: Top 20 brand / product pages ranked by # of people who opted in to 'like' the page, excludes 'people' (like Vin Diesel / Lady Gaga) and 'activities' (like 'I ♥ Sleep'). Data as of 6/3/10. *Equivalent TV shows based on # of total viewers during the 2009 – 2010 season. Source: Facebook, Nielsen Media Research.

Where are the Great Online Ads? Apple / Google / Yahoo! / Facebook / Others Say 'Watch This Space!'

AdAge Top 25 Advertising Campaigns in Twentieth Century

Rank	Company	Commercial	Ad Agency	Year
1	Volkswagen	Think Small	Doyle Dane Bernbach	1959
2	Coca-Cola	The pause that refreshes	D'Arcy Co.	1929
3	Marlboro	The Marlboro Man	Leo Burnett Co.	1955
4	Nike	Just do it	Wieden & Kennedy	1988
5	McDonald's	You deserve a break today	Needham, Harper & Steers	1971
6	DeBeers	A diamond is forever	N.W. Ayer & Son	1948
7	Absolut Vodka	The Absolut Bottle	ТВWA	1981
8	Miller Lite Beer	Tastes great, less filling	McCann-Erickson Worldwide	1974
9	Clairol	Does sheor doesn't she?	Foote, Cone & Belding	1957
10	Avis	We try harder	Doyle Dane Bernbach	1963
11	Federal Express	Fast talker	Ally & Gargano	1982
12	Apple Computer	1984	Chiat/Day	1984
13	Alka-Seltzer	Various ads	Jack Tinker & Partners; Doyle Dane Bernbach; Wells Rich, Greene	1960s, 1970s
14	Pepsi-Cola	Pepsi-Cola hits the spot	Newell-Emmett Co.	1940s
15	Maxwell House	Good to the last drop	Ogilvy, Benson & Mather	1959
16	Ivory Soap	99 and 44/100% Pure	Proctor & Gamble Co.	1882
17	American Express	Do you know me?	Ogilvy & Mather	1975
18	U.S. Army	Be all that you can be	N.W. Ayer & Son	1981
19	Anacin	Fast, fast, fast relief	Ted Bates & Co.	1952
20	Rolling Stone	Perception. Reality.	Fallon McElligott Rice	1985
21	Pepsi-Cola	The Pepsi generation	Batton, Barton, Durstine & Osborn	1964
22	Hathaway Shirts	The man in the Hathaway shirt	Hewitt, Ogilvy, Benson & Mather	1951
23	Burma-Shave	Roadside signs in verse	Allen Odell	1925
24	Burger King	Have it your way	BBDO	1973
25	Campbell Soup	Mmm mm good	BBDO	1930s
N/A	raan Stanla			

Japan Shows Potential for Mobile Advertising = Japan Mobile Advertising Revenue = \$11 per User vs. \$1 Six Years Ago



Japan Mobile Advertising Revenue & Ad Revenue per User, 2003 - 2009

Online Commerce – Mobile Should Be Share Gain Accelerator

Amazon.com's Revenue Acceleration + Share Gains are Powerful

Amazon.com vs. US Retail E-Commerce Sales⁽¹⁾

Amazon.com Key Operating Metrics

	50% -			CQ1:09	CQ2:09	CQ3:09	CQ4:09	CQ1:10
			Revenue (\$MM)	\$4,889	\$4,651	\$5,449	\$9,519	\$7,131
Y/Y Growth	40% -		Y/Y Growth	18%	14%	28%	42%	46%
			Media Revenue (\$MM)	\$2,723	\$2,442	\$2,929	\$4,679	\$3,430
	30% -		Y/Y Growth	7%	1%	17%	29%	26%
	00/0		% of Total	56	53	54	49	48
	20% -		EGM Revenue (\$MM)	\$2,046	\$2,069	\$2,357	\$4,609	\$3,513
	20 /0		Y/Y Growth	38%	35%	44%	60%	72%
			% of Total	42	44	43	48	49
ï۲	10% -		Active Customers (MM)	91	94	98	105	114
			, Y/Y Growth	15%	15%	17%	19%	25%
	0% -		Revenue per Customer	55	50	57	94	65
			Y/Y Growth	2%	(1%)	10%	21%	19%
	-10% -		Active Sellers (000)	1,600	1,700	1,800	1,855	1,950
	,.		Y/Y Growth	23%	20%	24%	24%	22%
	-20% -		Total Units (MM)	255	243	267	423	357
		- 1:03 CQ1:04 CQ1:05 CQ1:06 CQ1:07 CQ1:08 CQ1:09	Y/Y Growth	30%	28%	32%	37%	40%
			Third-Party Units (MM)	82	73	83	118	111
		— U.S. Retail E-Commerce Sales	Y/Y Growth	39%	32%	32%	42%	36%
		 Amazon.com North America Revenue U.S. Total Retail Sales 	Kindle Books (000)	270	320	360	400	500

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Note: (1) Adjusted for eBay by adding eBay US gross merchandise volume and subtracting eBay US transaction revenue; Source: Amazon.com (CQ4:09), US Dept. of Commerce (CQ3:09); EGM is Electronics and other General Merchandises; Revenue per active customers is based on average active customers during the quarter. Source: Amazon.com, DOC, Morgan Stanley Research. 33

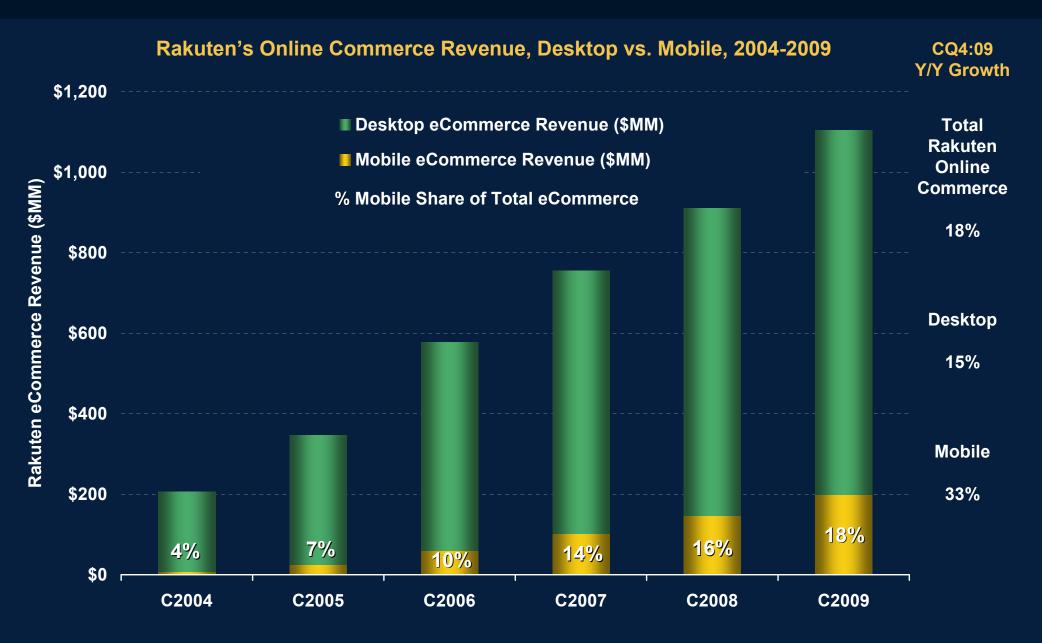
China's TaoBao = Supporting Impressive Momentum

- 190MM active users as of CQ1, up ~80% Y/Y (vs. 114MM for Amazon.com and 90MM for eBay).
- **\$29B Gross Merchandise Volume** in 2009, **up 2x Y/Y**, accounting for 1.5-2% of China's overall retail sales.
- ~50% of 2B total package deliveries in China in 2009.



Japan Shows Potential for Mobile Commerce =

19% (and Rising) of Rakuten's CQ4:09 Online Commerce Revenue Derived from Mobile



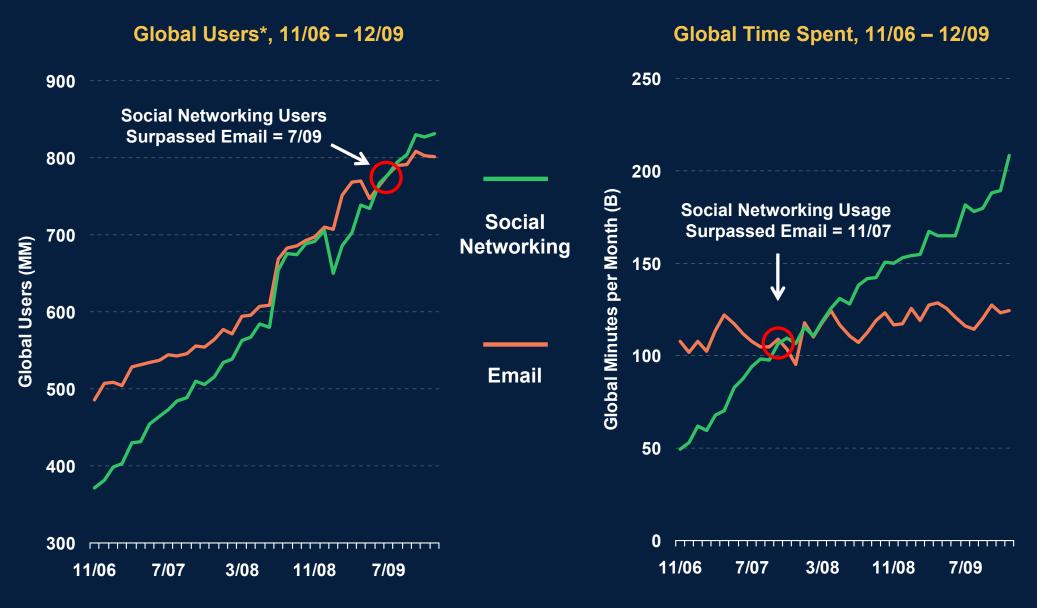
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Note: Rakuten Ichiba is Japan's leading eCommerce company, eCommerce revenue excludes travel, includes books and auctions. Source: Company data, Nema Naoshi, Morgan Stanley Research.

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Communications – Share Shift to Sharing

Communications – Social Networking > Email Usage...



'Cloud Computing' – Consumer First, Enterprise Next

Consumers Have Been Clouding for Awhile... Enterprises Moving to the Cloud - Why Now?

- Home Users Ahead of Enterprise Users Quality of home based computing has been evolving at faster pace than enterprise computing for years and cloudbased connectivity has become so pervasive that enterprises are finally being forced to play catch up.
- Consumers Expect Easy-to-Use 24x7 Connectivity and Want the Same at Work - Wireless device (smartphone / tablet) adoption has empowered consumers to expect (and demand) cloud-based high-speed wireless connectivity 24x7.
- Recession-Spending Delays Helped Underlying Markets Develop -Recession-related technology spending delays from 2007 to 2009, in effect, allowed cloud-based services to evolve / develop / mature to levels that are more 'enterprise-ready.'
- Less Concern about Security Issues Cloud-based security concerns have abated somewhat as enterprises realize the difference in risk profile between internal and external environments is lower than they once believed.

Technology – What's Next...

Mobile Connectivity Drives New Ways to Do Old Things Faster / Better / Cheaper

- More Connected Real-time connectivity / 24x7 / in palm of hand...
- More Affordable Wi-Fi nearly ubiquitous in many developed markets...for many / 3G tiered pricing lowers adoption barrier...
- Faster Near-zero latency for boot-up / search / connect / pay...
- Easier to Use User Interface revolution + location awareness provide something for nearly everyone...
- Fun to Use Social / casual gaming / reward-driven marketing...
- Access Nearly Everything Music / video / documents / 'stuff' in cloud...
- Longer Battery Life Hours of continuous usage...

Tom Friedman Said "The World is Flat"

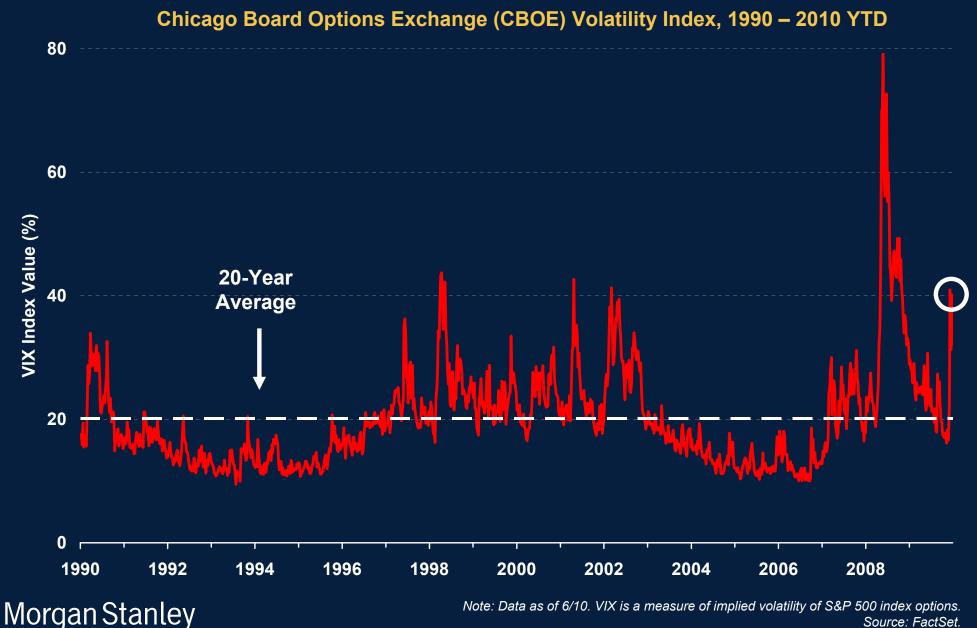
It's also increasingly in the palm of your hand...

Beyond Technology – It's Complicated...

Stock Market = Often a Leading Indicator of Economic Growth Recent Equity Weakness Reflects EU Sovereign Debt / Euro Value / China Real Estate Concerns



Stock Market Volatility Implies Renewed Fear Volatility Index (VIX) Recently Spiked Well Above 'Normal'



Uniquely Challenging Times

- **Debt Levels** Many countries / consumers are over-levered...
- European Union Challenges Sovereign debt levels in Greece / Spain / Portugal / Ireland / Italy unsustainably high, Euro down 19% vs. US Dollar YTD...
- China Real Estate Supply / Demand Imbalance Urban home price to median income ratio at 8x (vs. USA's peak of 5x in 2005-06)...
- Military Incidents North Korea vs. South Korea, Israel vs. Palestine, 'War on Terror'...
- Rise in Government Involvement Regulation / taxation / fiscal expansion (economic stimulus) vs. fiscal tightening (austerity measures)...
- Unnatural Disasters BP oil spill, Stock Market 'Flash Crash'...

Leverage Uber Alles –

Average Net Debt as % of GDP for Top 25 Countries = 55%

				As % of	Net De	bt as % c	of GDP			As % of	2009 Budget	As % of	2009	
		2009 Net Debt		World			05-09	2009 GDP		World	Surplus /	World Gross	Unemploy-	Y/Y
Rank	Country	Outstanding (\$B)	Y/Y	Total	2009	2005	Change	(\$B)	Y/Y	Total	Deficit (\$B)	Deficit	ment Rate	(pps)
1	Japan	\$9,149	12%	26%	181%	162%	19%	\$5,049	-5%	9%	-960	33%	5%	+1
2	Italy	2,434	0	7	116	106	11	2,090	-5	4	-0		8	+1
3	Greece	374	8	1	111	99	12	338	-2	1	-27	1	9	+2
4	Belgium	454	0	1	98	92	6	461	-3	1	-1	0	8	+1
5	France	2,028	5	6	77	66	11	2,635	-2	5	-105	4	9	+2
6	Germany	2,423	1	7	75	68	7	3,235	-5	6	-16	1	7	+0
7	Austria	263	2	1	70	64	6	374	-4	1	-5	0	5	+1
8	India	854	-3	2	69	80	-12	1,243	6	2	31			
9	UK	1,444	3	4	66	42	24	2,198	-5	4	-49	2	7	+2
10	Canada	870	-5	3	66	70	-4	1,319	-3	2	44		8	+2
11	Netherlands	503	-1	1	64	52	12	790	-4	1	4		4	+1
12	Argentina	178	-7	1	59	59	0	301	1	1	14			
13	USA	7,811	23	23	55	37	17	14,266	- 2	25	-1,438	50		+3
14	Poland	223	-11	1	53	47	6	423	2	1	26			
15	Spain	757	20	2	53	43	10	1,438	-4	2	-125	4	18	+7
16	Norway	187	-17	1	51	45	6	369	-2	1	38		3	+1
17	Sweden	175	-5	1	44	51	-7	398	-4	1	9		8	+2
18	Brazil	650	-6	2	44	44	0	1,482	0	3	40			
19	Switzerland	212	5	1	44	53	-9	484	-1	1	-10	0	4	+1
20	Denmark	125	7	0	40	38	3	308	-5	1	-8	0	3	+2
21	Turkey	219	-14	1	37	52	-15	594	-5	1	36			
22	Australia	309	-3	1	34	36	-3	920	1	2	8		6	+1
23	Venezuela	95	11	0	27	27	0	353	-3	1	-9	0		
24	China	609	7	2	13	18	-5	4,758	9	8	-38	1		
25	Russia	92	-15	0	7	14	-7	1,255	-8	2	17			
	Тор 1-25	\$32,438	0%	94%	55%	52%	3%	\$47,081	-3%	81%	\$2,790	97%	7%	+1
	Global	34,632	8	100	68	66	2	57,937	-2	100	2,885	100	7	+2
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Note: Net debt excludes intra-government holdings. Source: IMF, Business Intelligence. 47

America's Biggest Challenge – Entitlement Spending is the Future?

	F1997	F2001	F2005	F2009	
Revenue (\$B)	\$1,579	\$1,991	\$2,154	\$2,105	-
Y/Y Growth	9%	-2%	15%	-17%	
Individual Income Taxes	\$737	\$994	\$927	\$915	- 1997 - 2009
% of Revenue	47%	<i>50%</i>	<i>43%</i>	<i>43%</i>	
Social Insurance Taxes	\$539	\$694	\$794	\$891	Entitlement
% of Revenue	<i>34%</i>	<i>35%</i>	<i>37%</i>	<i>42%</i>	
Corporate Income Taxes	\$182	\$151	\$278	\$138	Revenue
% of Revenue	<i>12%</i>	<i>8%</i>	13%	7%	+65%
Other	\$120	\$152	\$154	\$161	+03 /6
% of Revenue	<i>8%</i>	8%	7%	<i>8%</i>	
Expense (\$B)	<mark>\$1,601</mark>	<mark>\$1,863</mark>	<mark>\$2,472</mark>	\$3,518	Entitlement
Y/Y Growth	3%	4%	8%	18%	
Entitlement	\$827	\$969	\$1,256	\$1,779	Spending
% of Expense	52%	<i>52%</i>	<i>51%</i>	<i>51%</i>	+115%
Non-Defense Discretionary	\$228	\$346	\$497	\$420	
% of Expense	14%	<i>19%</i>	<i>20%</i>	<i>12%</i>	
"One-Time" Items % of Expense		 		\$416 <i>12%</i>	
Defense	\$271	\$305	\$495	\$661	
% of Expense	<i>17%</i>	16%	<i>20%</i>	<i>19%</i>	
Net Interest on Public Debt	\$244	\$206	\$184	\$187	
% of Expense	15%	<i>11%</i>	7%	<i>5%</i>	
Profit / Loss (\$B)	-\$22	\$128	-\$318	-\$1,413	
Profit Margin (%)	-1%	6%	-15%	-67%	

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Note: Federal fiscal year ends in September of each year. Entitlement programs include Social Security, Medicare, Medicaid, Unemployment Insurance and other federal aids on housing / nutrition..."One-time" items in F2009 includes net expenditures related to TARP (Troubled Asset Relief Program), government take-over of Fannie Mae & Freddie Mac and ARRA (American Recovery & Reinvestment Act) programs. Source: White House Office of Management and Budget.

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(as of May 31, 2010)

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	Coverag	e Universe	Investment Banking Clients (IBC)				
Stock Rating Category	Count	% of Total	Count	% of Total IBC	% of Rating Category		
Overweight/Buy	1079	42%	358	42%	33%		
Equal-weight/Hold	1111	44%	397	47%	36%		
Not-Rated/Hold	13	1%	3	0%	23%		
Underweight/Sell	349	14%	95	11%	27%		
Total	2,552		764				

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