

Optimise the Mobile Experience and Drive Competitive Advantage

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Visibility into the customer mobile experience to improve conversions and grow revenue

Tealeaf CX Mobile

Industry-leading customer experience management solutions to mobile websites, native applications, and hybrid apps including support for HTML5.

- Capture and high-fidelity replay of mobile gestures* for mobile web sessions on iOS and Android-based devices help optimize users' experiences on mobile web applications.
- Analyze mobile user behaviors and quantify business impact of user struggles with IBM Tealeaf integrated solutions
- Add-on Heatmap, Link Analytics, Form Analytics, and Attention Map analytics for mobile-web applications

* Mobile gestures such as zoom in/out, pinch in/out, scroll left/right and orientation change

** Requires Tealeaf cxOverstat add-on



Hybrid Apps



HTML5

Mobile Trends





Mobile Driving Success/Failure



eBay Reports Solid Earnings Benefiting From Mobile

"eBay sees mobile as a game changer"

The Washington 105t Politics Opinions Local Sports National World Business Tech

BUSINESS

The Washington Post with Bloomberg

Posted at 01:34 PM ET, 10/19/2012

Google, Microsoft earnings illustrate mobile struggle #thecircuit





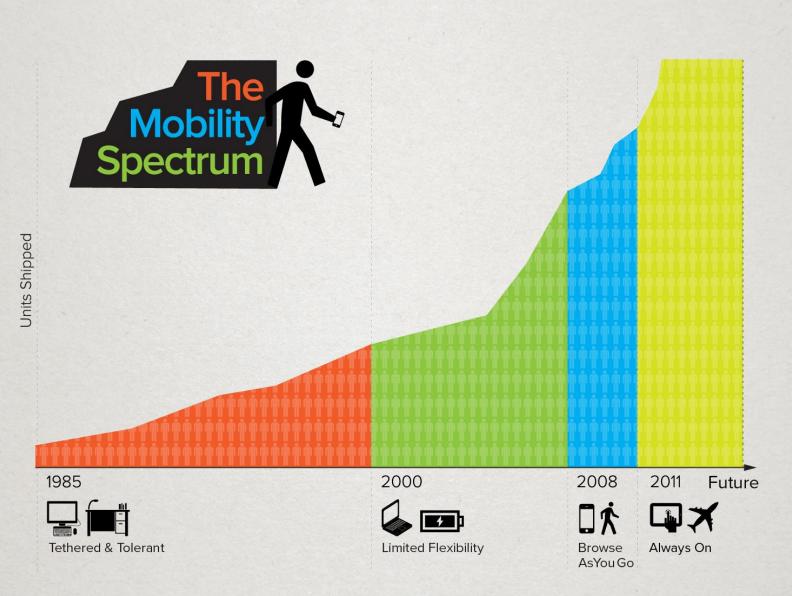


Past — Present — Future? >



Mobility is not about devices, it is about People being increasingly Mobile, and paradigms that enable them







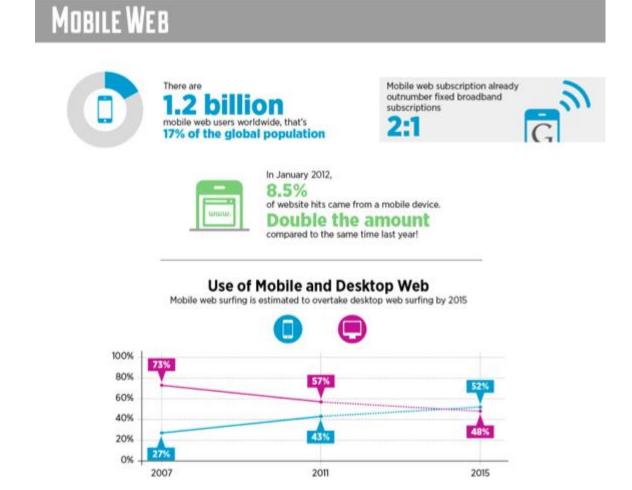
Ubiquitous Mobile Penetration

GLOBAL MOBILE TRENDS Out of the 7 billion people worldwide, Smartphone sales are up 5.9 billion are mobile phone users from 2010 488.5 million units of the world's population have mobile phones! were sold in 2011 Mobile Users by % of Population (PER 100 PEOPLE) 1. C15 143% Furon 119.59 The Americas 03.3% % of the world's mobile users live in India (844 million) China (963 million) and in India (844 million)

70 million iPad users in US in 2013 - eMarketer



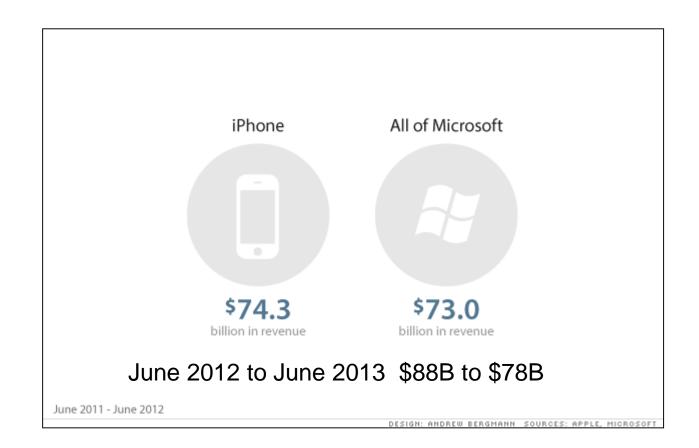
Consumer Behavior Increasingly Mobile Focused







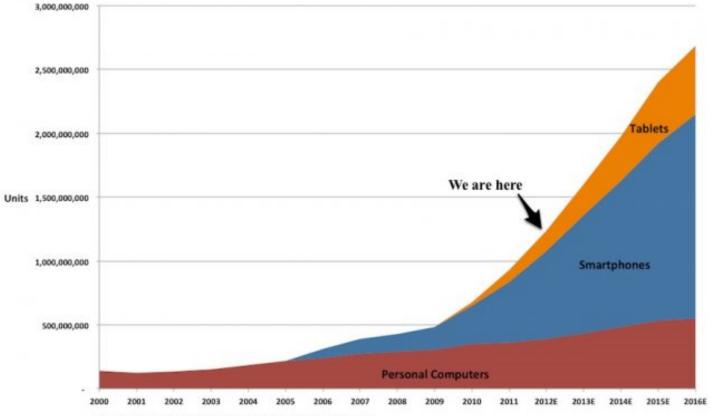
The iPhone is bigger than Microsoft



Source: APPL and MSFT SEC Filings



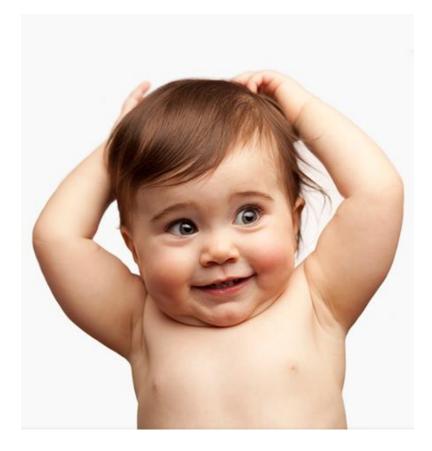
Tablets alone will surpass PC sales in 2 to 3 years

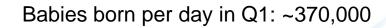


Global Internet Device Sales

Source: Gartner, IDC, Strategy Analytics, company filings, BI Intelligence estimates









Tablets sold per day in Q1: ~502,000



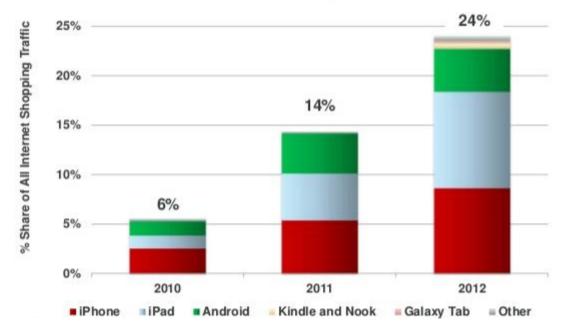
Q1 2013 Tablet Shipments - IDC

Top Five Tablet Vendors, Shipments, and Market Share, First Quarter 2013 (Shipments in millions)

Vendor	1Q13 Unit Shipments	1Q13 Market Share	1Q12 Unit Shipments	1Q12 Market Share	Year-over- Year Growth
1. Apple	19.5	39.6%	11.8	58.1%	65.3%
2. Samsung	8.8	17.9%	2.3	11.3%	282.6%
3. ASUS	2.7	5.5%	0.6	3.1%	350.0%
4. Amazon.com Inc.	1.8	3.7%	0.7	3.6%	157.1%
5. Microsoft	0.9	1.8%	0.0	N/A	N/A
Others	15.5	31.5%	4.9	24.1%	216.3%
Total	49.2	100.0%	20.3	100.0%	142.4%



Mobile Commerce Surging

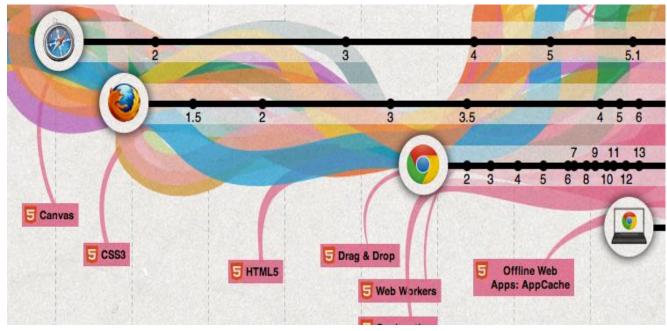


% of USA Black Friday Internet Shopping Traffic From Mobile + Tablet Devices, 2010 – 2012

Source: Mary Meeker/KPCB

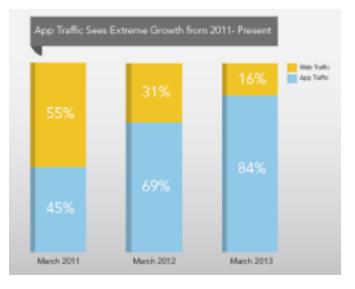


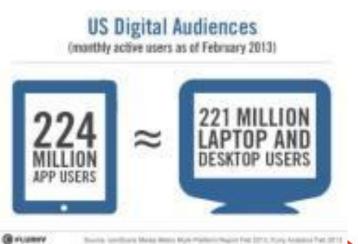
What's the future?











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Expectations vs. Realities

85% of adults who have completed a mobile transaction in the past year **expect the experience to be better than using a laptop or desktop** computer

Yet **41%** of comments about the top mobile companies expressed frustration

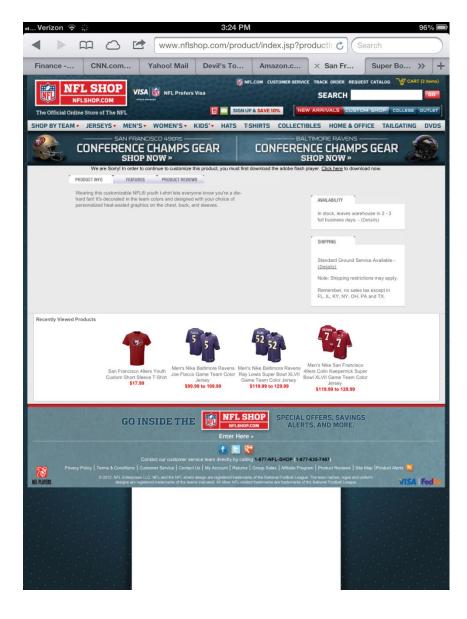


Consumer Mobile Expectations Are High





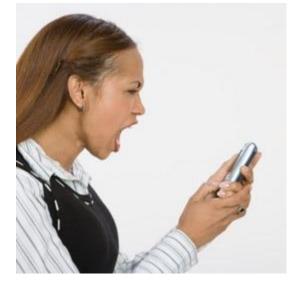
Consumer Mobile Expectations Are High



Top consumer struggles



Inability to complete a transaction Search functionality User interface



63% of all online adults would be less likely to buy from a company via other purchase channels if they experienced a problem conducting a mobile transaction.

Mobile Commerce: Utter Frustration

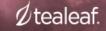


@bevan - ____ mobile is down. Not letting me checkout. CS says it's a known problem. On BlackFriday? I just missed two deals!!

@gdomdom - @_____ Your app sucks for trying to shop!!!
Get your mobile act together



@christenfolsen - Dear _____, please fix the mobile version of your website or I am going to kill you.





Mobile Stars

Some companies are getting mobile right and people are talking about it

Convenience Ease of use Time savings



■1 AT&T				
SHOP MY ACCOUNT SHOPPING LIST				
search	search SEARCH Q 0 items 🚔			
3-DAY	3-DAY SHIPPING FREE over \$50			
ADD YOUR BEAUTY INSIDER CARD TO PASSBOOK				
SHOP	WHAT'S NEW	BRANDS		
J.		AtoZ		
RATINGS & REVIEWS	TODAY'S Obsession	MOBILE OFFERS		
****	6			
PURCHASE HISTORY	SHOPPING LIST	eGIFT CARD		
		remark		
GIFT	SALE	TODAY'S FREE		
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Mobile Commerce: Pure Delight

@beccbrown - Wow, just did half my #Christmas shopping on the bus, using my #iPhone _____ app. #ihearttech #blackfridaybedamned

@LiveLoveLaugh88 - I'm like a fiend with these _____ deals... setting alarms on my phone and checking _____ app every 15 mins. #BlackFriday



@eclat521 - Well- that's my boy's Xmas presents ordered, from my phone, thanks to _____ app. Too easy!



Lessons Learned

Mobile consumers are task oriented

- Give them the essentials
- Give it to them consistently (match mobile and regular web site)
- Make it readable
- Serve it up quickly
- Even if you do all of this.....

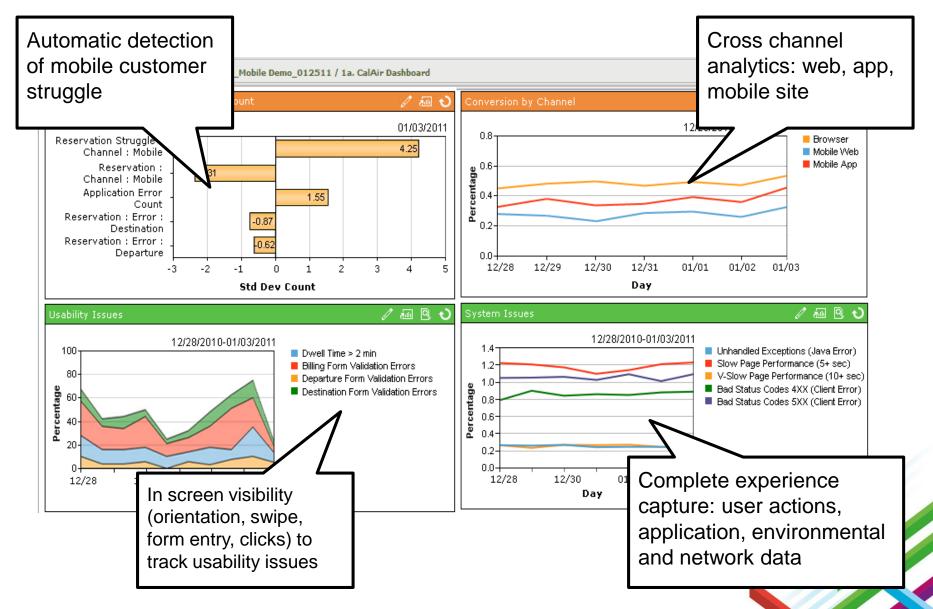


Product Overview

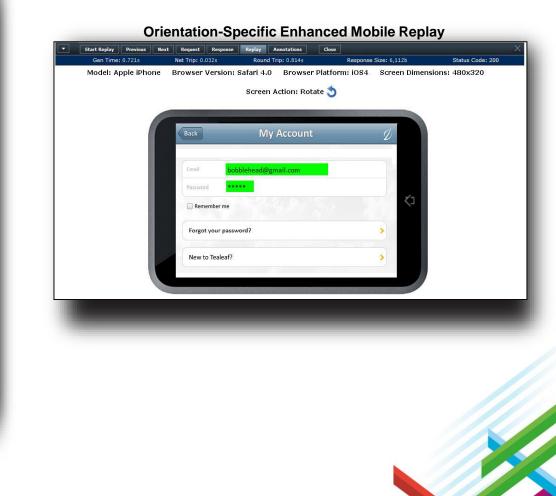




Mobile dashboard





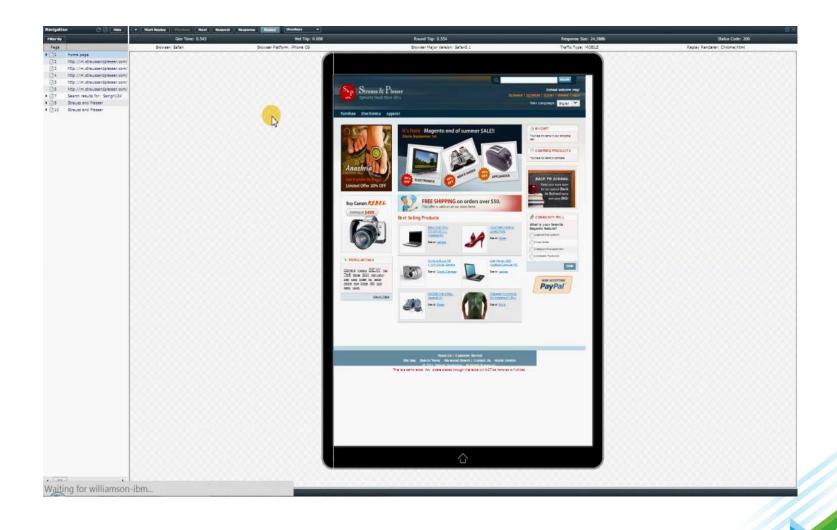


Mobile Web



IBM. Ö

Mobile DOM Rendering





Mobile Usability





Native Apps

Request	Response	Replay	Annotations	Clos
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ConnSpeed=197308	
ConnType=DSL	
WS_Generation=1217	
WS_Grade=ExcellentWS	
WS_GradeEx=0	
NT_Total=31504	
NT_Grade=ExcellentNT	
NT_GradeEx=0	
RT_Total=32721	
RT_Grade=ExcellentRT	
RT_GradeEx=0	
urlfield]	
Android=ImageTest	
RequestBody]	
["serialNumber":30, "messageVersion": "0.0.0.2", "sessions": [{"startTime": 1333644402188, "id": "4879AEF31	7C446D3B5AD99B4EE66754C"
{"offset":25479,"type":6,"contextOffset":4827,"exception":{"description":"divide by zero","stackTrace":"ja com.tealeaf.sp.activities.BaseActivity.crashTheApp(BaseActivity.java:61)\n\tat com.tealeaf.sp.activities.Base android.app.Activity.onMenuItemSelected(Activity.java:2264)\n\tat com.android.internal.policy.impl.Phone'	eActivity.onOptionsItemSelected()
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Best Practices





Common Mistakes

Not accounting for size/width of the finger Visual overload Making user fill out long forms Not accounting for device width Heavy or too many image files Not using CSS3/HTML5 (reduces need for images) Opaque design – user can't figure out what is happening Not setting a home screen icon Making pages non-zoomable



Best Practice: Make It Easy

 \checkmark As the research shows, only 17 percent of mobile users feel the ease of use is what they' d expect.

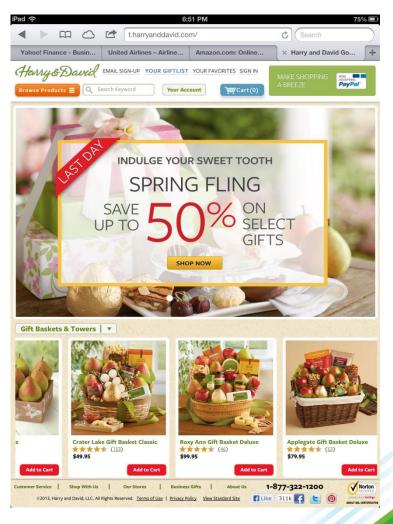
 \checkmark There's a huge opportunity to make ease of use a competitive advantage, whether for mobile sites or apps.





Make it easy: Design for mobile





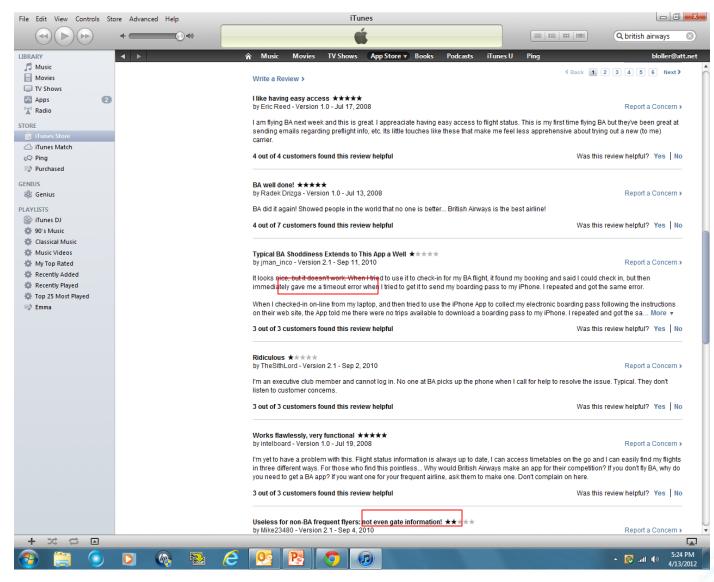
Best Practice: Listen

- Customers have lots of ways of telling you (and everyone else) what works and what doesn' t—app store reviews, Twitter, Facebook, etc. They are sharing critical information.
- Be open to learning and optimizing from what they are saying.





Listen: Reviews, Tweets, FB = VOC



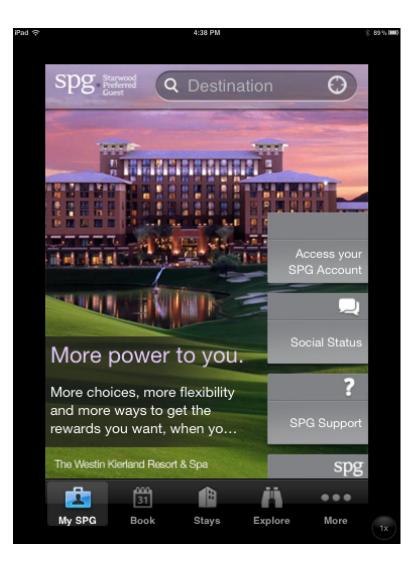
Best Practice: Simplify

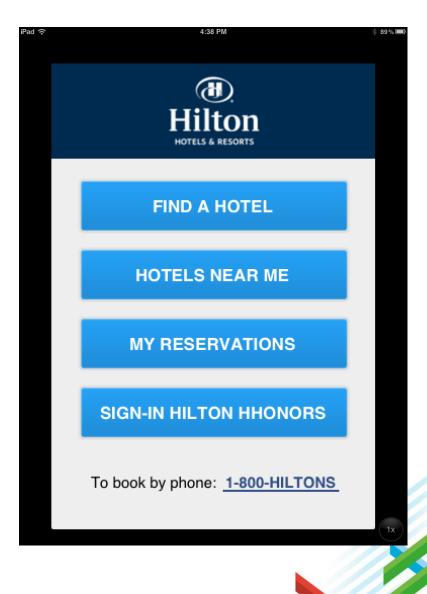
- Move from doing things because they are cool to doing things that help customers buy on mobile devices.
- Think twice before opting for complex processes and always consider your mobile service from the perspective of your customers.
- ✓ For instance, consider implementing forms that shift orientation from vertical to horizontal in order to enable easier data entry.



Simplify: KISS







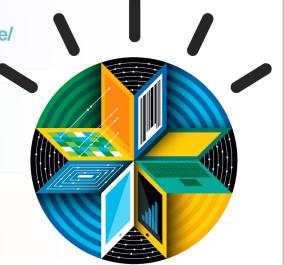


Three ways to get started with IBM MobileFirst

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