Wi-Fi: The Next Killer Application Of The Internet

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Wi-Fi: The Next Killer Application Of The Internet

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INDEX:

.01 Overview
.02 Productivity
.03 Popularity
.04 Wi-Fi In Plain Words
.05 Paradigm Shift
.06 Grassroots Movement
.07 Hot Spots
.08 Connecting Concerns
.09 Summary
.10 Other Important Wi-Fi Resources
.11 Footnotes

.01 Overview (return to index)

I am writing this article while sipping my morning Double Tall Latte at a Starbucks in Hillsboro, Oregon. My car is next door in the shop having some work done which will take 3 hours. This usual idle time now becomes more productive and profitable time because my notebook computer has a Wi-Fi card and I am connected via the Starbucks T-mobile Network [1] to the Internet. Starbucks’ database shows where to find the nearest WI-FI enabled café in my area or any future travel area.

.02 Productivity (return to index)

Writers, teachers, salespeople and just about anybody who uses the Internet will find the ability to
connect via Wi-Fi to the Internet a superb manager of time. Ordinarily, I could start to write this article on a word processor without a Net connection. The real time saver is to be able to simultaneously research, write, and transfer the writing to be edited.

.03 Popularity (return to index)

Simply use a Google news search to see the popularity of Wi-Fi. [2] To demonstrate this, I searched Wi-Fi, finding 7 articles written in the last nine hours and 1,310 news articles for the previous 30 days. “In the years ahead, Wi-Fi will become a universal standard, found everywhere in the electronics world. It will show up in consumer electronics devices, from videogame consoles to music players. Cell phones will have it, as will PDAs and digital cameras. Any PC bought in a year or so will instantly become the hub of a wireless network, simply by turning it on. The numbers will quickly reach true mass-market levels: an estimated 99 million people with Wi-Fi by 2006, according to Gartner.” [3]

.04 Wi-Fi In Plain Words (return to index)

Wi-Fi comes in several varieties; for the sake of this article we will limit the description to 802.11b. These numbers refer to the protocol that transfers information up to 11Mbps in the 2.4 unlicensed bandwidth with a range up to 300 feet. This technobable can be translated to the following personal scenario. I have a cable modem connection coming into my home office which is on the lower level of my home. I purchased a wireless router, Wi-Fi notebook card and USB Wi-Fi connection. Total cost (prices have come down in the past 3 months) for connecting 3 computers was $229. I can now take my notebook, find my favorite work spot, conduct research, answer my e-mail and listen to any radio station that broadcasts via the Internet, if I choose.

.05 Paradigm Shift (return to index)

The previous academic and business paradigm was to commute to a workplace or school setting and use the sophisticated equipment that was too expensive to purchase for the average consumer or student.

Most of the subscribers of this journal have a home office with all the equipment for the next paradigm shift. Broadband connection to the Internet is now ubiquitous in most major metropolitan areas. Forest Grove (Pop. 18,382), the home of the Berglund Journal has both DSL and Cable connections to the Internet. In most settings, work and education will no longer be dictated by being tethered to an expensive machine and an exclusive network.

.06 Grassroots Movement (return to index)

Portland, Oregon [4] was just ranked the most wireless city by Intel’s most unwired city survey . [5] It is no surprise to this author that Intel funded this survey. Intel with slower Pentium chip sales
has just introduced their new Centrino mobile processor chip [6] for notebook computers. Essentially any Centrino enabled notebook computer will just have to turn on the machine to see if they are connected to a local hot spot.

.07 Hot Spots (return to index)

A hot spot is a collective term for a public access network location. Hot Spots are usually located in public locations (i.e. Airports, Coffee Shops etc.) Your connected Wi-Fi card will automatically find a Hot Spot and your computer screen will have an icon to report the strength of that Hot Spot.

Your favorite hot spot directory [7] will be your best friend when you travel with your Wi-Fi enabled device. Choose your directory carefully because hot spots appear literally by the hour. Personal Telco [8] in Portland, Oregon publishes a directory containing maps and is updated frequently. [9] Personal Telco works because there is community support and there is a strong volunteer team to keep the network robust.

.08 Connecting Concerns (return to index)

One of the principal shortcomings of Wi-Fi is the inability for users to be able to log in with their Wi-Fi in different locations. The popularity and ubiquitous nature of cell phone usage is due in large part to the world-wide pervasive network of major carriers who share or lease their network to other vendors. Ergo, someone using a Sprint Network can roam in the T-mobile network and still have coverage. This is not true with Wi-Fi connectivity at this point. Yes, you can use the T-mobile network to connect in most every Starbucks and Borders book store but if you’re staying in Hays, Kansas, a Hot Spot in a local coffee shop will not accept your T-mobile account. There are some new arrivals in the Wi-Fi world that promise greater connectivity. Boingo [10] is a company that ties commercial hot spot providers by providing them with a back office set of security, authentication and billing tools. In this manner an Espresso Bar in Yamhill, Oregon could be tied into a network of hot spots in a greater geographical area. To the user the Yamhill Espresso Bar is just another hot spot in the Boingo Network. AT&T Intel and IBM have joined forces to provide wireless internet access nationwide. Cometa [11] is the name of their new venture.

.09 Summary (return to index)

Wi-Fi communication will change the workplace forever. Think how radio and TV changed the way the world received their news. The IRAQ WAR was delivered in full color to our living room. Wi-Fi now brings high speed Internet access to you anywhere that you have access to a local Hot Spot. I can now use my DV camera in the field, upload the digital media to my notebook, edit the production and ship it anywhere in the world that has access to the Internet without being anchored to a cable. Wi-Fi still has to overcome the network availability issues but once that is solved Wi-Fi will be ubiquitous.
.10 Other Important WI-FI Resources (return to index)

WI-FI Networking News http://wifinetnews.com
Wireless Developer Network http://www.wirelessdevnet.com/
802.11 Planet http://www.80211-planet.com/
Air Share http://airshare.org/

.11 Footnotes (return to index)

[1] Starbucks
http://www.starbucks.com/retail/wireless.asp

http://news.google.com/news?hl=en&q="Wi-Fi"+OR+"802.11a"+OR+"802.11b"

http://www.wired.com/wired/archive/11.05/unwired/wifirevolution.html

[4] Oregonian

[5] Intel Survey
http://www.pressi.com/int/release/61702.html

http://www.intel.com/products/centrino/more_info/

http://www.80211hotspots.com/

[8] Personal Telco
http://www.personaltelco.net/index.cgi/PersonalTelco

http://www.nodedb.org/unitedstates/or/portland/

[10] Boingo Network
http://www.boingo.com

3 piece video ipod exceptional murder she wrote brown recluse shasta call of duty 3 hot boys paris hilton video www king com winrar free newborn marlyn monroe gym class cerebral palsy lawyer trade stocks online fresh fm howard k stern bad santa homestead

on January 29, 2014 at 7:51 PM said:

This design is steller! You certainly know how to keep a reader entertained. Between your wit and your videos, I was almost moved to start my own blog (well, almost...HaHa!) Excellent job. I really loved what you had to say, and more than that, how you presented it. Too cool!

Marvin

on January 30, 2014 at 12:16 AM said:

Excellent weblog right here! Additionally your site loads up very fast! What host are you using? Can I get your affiliate link for your host? I wish my website loaded up as fast as yours lol

mobile marketing workshop

on January 30, 2014 at 2:24 AM said:

I used to be able to find good advice from your blog posts.

Nidia

on January 30, 2014 at 4:42 AM said:
I think this is one of the such a lot significant info for me. And i am happy studying your article. But wanna commentary on few basic things, The website style is ideal, the articles is really nice : D. Excellent task, cheers.

**Annette**

_on January 30, 2014 at 4:55 AM_ said:

Hmm is anyone else having problems with the pictures on this blog loading? I’m trying to figure out if its a problem on my end or if it’s the blog. Any feedback would be greatly appreciated.

**build an list**

_on January 30, 2014 at 5:21 AM_ said:

excellent publish, very informative. I’m wondering why the other experts of this sector don’t notice this. You must proceed your writing. I am confident, you have a huge readers’ base already!

**Lucretia**

_on January 30, 2014 at 5:43 AM_ said:

It’s a shame you don’t have a donate button! I’d definitely donate to this superb blog! I suppose for now i’ll settle for book-marking and adding your RSS feed to my Google account. I look forward to fresh updates and will talk about this website with my Facebook group. Talk soon!

**attraction quotes**

_on January 30, 2014 at 6:29 AM_ said:

hi!,I love your writing very much! share we keep up a correspondence more about your
post on AOL?
I need a specialist in this area to solve my problem.
Maybe that’s you! Looking forward to see you.

naija social network
on January 30, 2014 at 11:35 AM said:
One extra method in favor of advertising and marketing your internet site is posting comments on various directories with your blog link.

gold backed iras
on January 30, 2014 at 11:57 AM said:
bookmarked!!, I love your blog!

breaking news
on January 30, 2014 at 1:58 PM said:
Hey incredibly cool internet site!! Guy .. Beautiful .. Superb .. I will bookmark your blog and consume the feeds also…I am satisfied to find so many exciting details the following during the post, we’d like develop much more approaches in this regard, thanks for sharing. . . . . .

wireless home security systems
on January 30, 2014 at 10:55 PM said:
It’s as if you study my thoughts! You appear to learn a great deal about this, as if you composed your e-book inside or something like that. I have faith that you can use by g. h. for you to electricity the content residence a little bit, but rather than that, that is certainly superb blog site. An incredible read. I’ll certainly be back.
retirement horizons
on January 31, 2014 at 6:59 PM said:

Hi, yeah this post is actually nice and I have learned lot of things from it about blogging. thanks.

make money fast
on February 1, 2014 at 12:23 AM said:

Helpful info. Lucky me I discovered your site accidentally, and I am stunned why this twist of fate didn’t took place earlier!
I bookmarked it.

make money online graphic design
on February 1, 2014 at 1:20 AM said:

I’ve been surfing online more than 2 hours today, yet I never found any interesting article like yours. It is pretty worth enough for me.
In my opinion, if all webmasters and bloggers made good content as you did, the internet will be much more useful than ever before.

plotka
on February 1, 2014 at 1:48 AM said:

Thank you for sharing good information. Your site is really cool. I am impressed by the data that you have on this site. It reveals how nicely you understand this subject. Bookmarked this web site page, will arrive back for more articles.
wiadomosci w Internecie
on February 1, 2014 at 2:15 AM said:

My husband and i ended up becoming fulfilled after Chris could conclude his research in the ideas he was given within your site. It is now and once again perplexing to just probably be handing out secrets and approaches that quite a few some other folks may perhaps had been selling. So we recognize we have got the writer to appreciate due to that. Individuals illustrations you have made, the uncomplicated site menu, the friendships you’ll support to make it’s everything about this content is good, which is absolutely particularly essential. Thanks for your whole thing!

Norma
on February 1, 2014 at 8:10 AM said:

I drop a comment each time I appreciate a article on a website or I have something to add to the discussion. Usually it is triggered by the sincerness displayed in the article I looked at. And on this article Wi-Fi: The Next Killer Application Of The Internet | Interface.
I was excited enough to drop a comment 😊 I actually do have a couple of questions for you if you don’t mind. Is it simply me or do a few of the responses look as if they are left by brain dead folks? 😕 And, if you are posting at other sites, I’d like to follow you. Would you make a list the complete urls of your community pages like your linkedin profile, Facebook page or twitter feed?

Andrew A. Sailer
on February 1, 2014 at 3:58 PM said:

I have read some good stuff here. Certainly worth bookmarking for revisiting. I wonder how much effort you put to make such a magnificent informative web site.

naija
Attractive section of content. I just stumbled upon your weblog and in accession capital to assert that I buy in reality enjoyed account your blog posts. Any way I will be subscribing for ones augment and even I accomplishment you access consistently quickly.

Zella
on February 2, 2014 at 11:34 PM said:

Thank you for the good writeup. It actually was once a enjoyment account it. Glance complicated to more introduced agreeable from you! By the way, how can we be in contact?

online money making ideas
on February 3, 2014 at 12:34 AM said:

Way cool! Some extremely valid points! I appreciate you writing this write-up and also the rest of the site is really good.

job description for office manager
on February 3, 2014 at 3:58 AM said:

Keep on writing, great job!

Burton Haynes
on February 3, 2014 at 4:51 AM said:

Very interesting subject, regards for putting up.
website builder for ipad
on February 3, 2014 at 2:16 PM said:

always i used to read smaller articles which also clear their motive, and that is also happening with this article which I am reading at this place.

Matthew C. Kriner
on February 3, 2014 at 3:53 PM said:

hello there and thank you for your info – I have definitely picked up anything new from right here. I did however expertise some technical issues using this site, as I experienced to reload the site many times previous to I could get it to load correctly. I had been wondering if your web hosting is OK? Not that I’m complaining, but sluggish loading instances times will sometimes affect your placement in google and can damage your quality score if ads and marketing with Adwords. Well I’m adding this RSS to my email and can look out for much more of your respective intriguing content. Ensure that you update this again soon..

Issac Maez
on February 3, 2014 at 5:59 PM said:

naturally like your web-site but you have to take a look at the spelling on several of your posts. Many of them are rife with spelling issues and I in finding it very troublesome to inform the truth on the other hand I will definitely come back again.

Israel
on February 3, 2014 at 6:19 PM said:

I’m gone to say to my little brother, that he should also pay a quick visit this weblog on regular basis to get updated from newest news.
Carroll B. Merriman  
on February 3, 2014 at 7:47 PM said:

Thanks for the different tips provided on this website. I have realized that many insurance companies offer clients generous discounts if they opt to insure a couple of cars with them. A significant variety of households possess several autos these days, specially those with old teenage youngsters still residing at home, and the savings on policies might soon begin. So it will pay to look for a great deal.

Leigh  
on February 3, 2014 at 8:00 PM said:

Fantastic blog you have here but I was curious about if you knew of any message boards that cover the same topics discussed in this article? I’d really like to be a part of community where I can get comments from other experienced individuals that share the same interest.

If you have any recommendations, please let me know.
Thanks!

Gregory Despain  
on February 4, 2014 at 12:18 AM said:

Very nice post. I just stumbled upon your weblog and wanted to mention that I’ve really loved browsing your blog posts. In any case I will be subscribing to your rss feed and I’m hoping you write again very soon!

money zone giveaway  
on February 4, 2014 at 3:49 AM said:

whoah this blog is magnificent i really like reading your posts. Stay up the good work! You realize, lots of individuals are hunting around for this info, you
could help them greatly.

nigeria entertainment news
on February 4, 2014 at 10:28 AM said:

I also agree with you. i feel that there are numerous lessons to become learned from this book. By not reading the book, we miss out on some things which are a certain impact to our life. However, I do consider you need to be a particular maturity so that you can get from this book what you need

Gregory Despain
on February 4, 2014 at 11:16 AM said:

Hello, i think that i saw you visited my web site thus i came to “return the favor”.I am attempting to find things to improve my site! suppose its ok to use some of your ideas!!

sales conversion using video
on February 4, 2014 at 2:21 PM said:

Excellent article. I am dealing with many of these issues as well..

precious metals kansas
on February 4, 2014 at 4:17 PM said:

Greate article. Keep posting such kind of info on your blog.

Im really impressed by it.
Hello there, You have performed an excellent job.
I will definitely digg it and in my opinion suggest to my friends.
I’m confident they will be benefited from this website.
Troy
 on February 4, 2014 at 11:20 PM said:

Unquestionably consider that which you said. Your favorite reason seemed to be at the internet the simplest thing to keep in mind of.

I say to you, I definitely get annoyed while other folks think about worries that they just don’t realize about. You managed to hit the nail upon the top and also defined out the entire thing with no need side effect, people could take a signal. Will probably be back to get more. Thanks

extra money
 on February 4, 2014 at 11:24 PM said:

I don’t know if it’s just me or if everyone else experiencing issues with your site. It looks like some of the text within your posts are running off the screen.
Can somebody else please provide feedback and let me know if this is happening to them as well? This may be a issue with my web browser because I’ve had this happen before. Appreciate it

nigeria dating
 on February 5, 2014 at 12:18 AM said:

Thanks to your advice! I’ll read it to realize far more about Holy Cross.

dollar values prices
 on February 5, 2014 at 11:33 AM said:

all the time i used to read smaller articles or reviews which also clear their motive, and that is also happening with this article which I am reading here.
Kiera  
on **February 5, 2014 at 2:17 PM** said:

Does your blog have a contact page? I’m having problems locating it but, I’d like to send you an e-mail.
I’ve got some recommendations for your blog you might be interested in hearing.

Either way, great blog and I look forward to seeing it expand over time.

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cork board ideas  
on **February 5, 2014 at 2:27 PM** said:

I quite like looking through an article that will make people think. Also, many thanks for allowing me to comment!

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Gregory Despain  
on **February 6, 2014 at 6:14 AM** said:

Wow that was unusual. I just wrote an very long comment but after I clicked submit my comment didn’t show up. Grrr… well I’m not writing all that over again. Anyways, just wanted to say great blog!