

Smart Phones
and
Applications for Pilots

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What Will We Discuss Here Today?

- What is a smart phone?
- Is it an iPhone?
- What applications for pilots are available for smart phones?
- How do I access the Ninety Nines website from my phone?
- What resources from the Ninety Nines website are available for mobile users?

Assorted Smart Phones



What is a Smart Phone?

- A **smartphone** is a mobile phone offering advanced capabilities, often with PC-like functionality (PC-mobile handset convergence).
- There is no industry standard definition of a smartphone.
- For some, a smartphone is a phone that runs complete operating system software providing a standardized interface and platform for application developers.
- For others, a smartphone is simply a phone with advanced features like e-mail, Internet and e-book reader capabilities, and/or a built-in full keyboard or external USB keyboard and VGA connector.
 - In other words, it is a miniature computer that has phone capability.
- Growth in demand for advanced mobile devices boasting powerful processors, abundant memory, large screens and open operating systems has outpaced the rest of the mobile phone market for several years.

What is a Smart Phone? Contd.




- There is no agreement in the industry about what precisely constitutes a "smart" phone, and definitions have changed over time.
 - According to David Wood, EVP at [Symbian Ltd.](#), "Smart phones differ from ordinary mobile phones in two fundamental ways: how they are built and what they can do."
 - Other definitions put different stresses on these two factors.
- "With smart phones it's just one evolution in a series of evolutions, so it might be that the actual device at some point ... will become even smaller and we will not call it a [phone](#) anymore, but it will be integrated ... the deal here is to make the device as [invisible](#) as possible, between you, and what you want to do," says Sacha Wunsch-Vincent at the [OECD](#).

What is a Smart Phone? Contd.

- Most devices considered smartphones today use an identifiable operating system.
- In terms of features, most smartphones support
 - full featured [email](#) capabilities with the functionality of a complete [personal organizer](#).
 - Other functionality might include an additional interface such as a miniature [QWERTY](#) keyboard,
 - a [touch screen](#) or a [D-pad](#),
 - a [built-in camera](#),
 - contact management,
 - an [accelerometer](#),
 - built-in navigation hardware and software,
 - the ability to read business documents,
 - media software for playing music, browsing photos and viewing video clips,
 - internet browsers or even just secure access to company mail, such as is provided by a [BlackBerry](#).
 - One common feature to the majority of the smartphones is a contact list able to store as many contacts as the available memory permits, in contrast to regular phones that has a limit to the maximum number of contacts that can be stored. Most smartphones have a max contact list of about 5,000 contacts.

Example

Site that offers Multiple Options

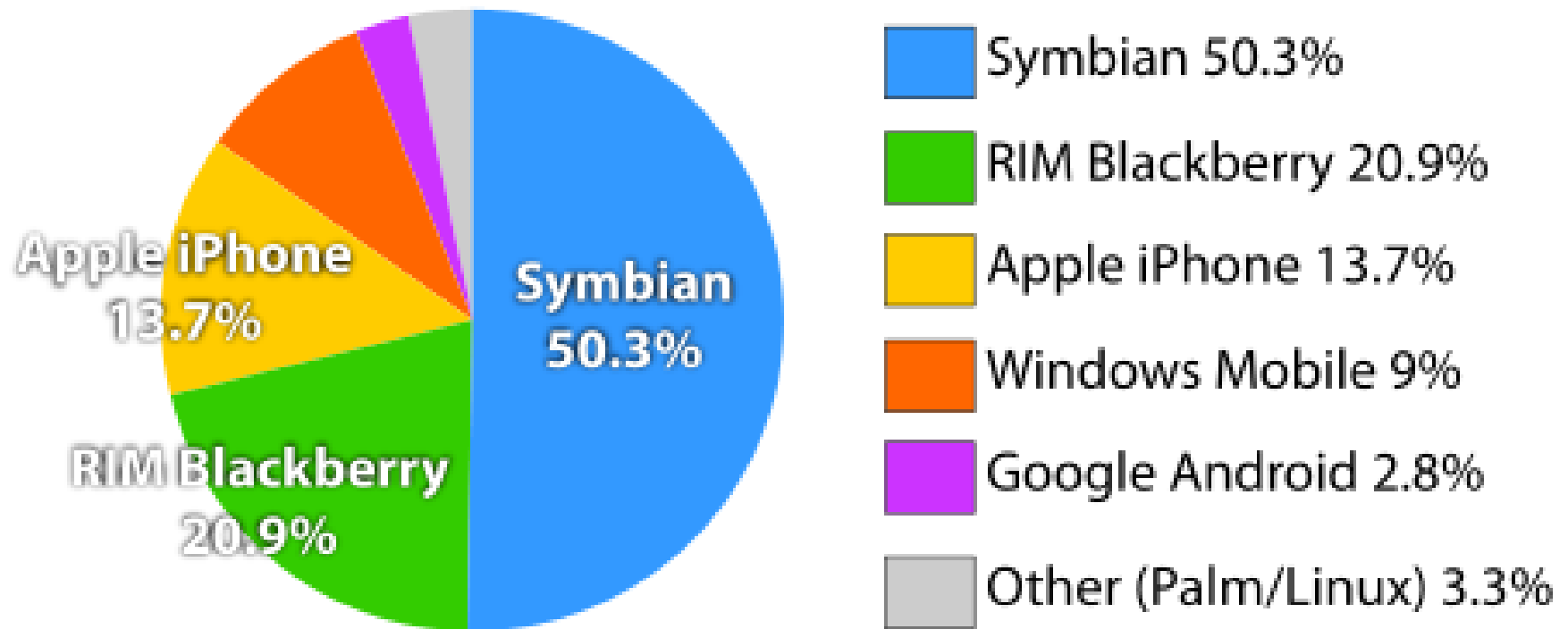
Mobile Web	Text Banking	Mobile Applications
 <p>Using the Web browser on your mobile phone, visit www.bofa.mobi to access Online Banking. You can check balances, pay bills, transfer money and locate ATM/banking centers.</p> <p>Learn More</p>	 <p>Send text messages to request information about your balances and recent transactions.² We'll reply with the latest. It's a quick way to get answers about your accounts on the go.³</p> <p>Learn More</p>	 <p>Download free Mobile Applications for popular phones like iPhone™, Blackberry® and Android. Designed to provide a customized Mobile Banking experience, they offer even more convenience.</p> <p>Learn More</p>

Smartphone Operating Systems

- Main article: [Mobile operating system](#)
- Operating systems that can be found on smartphones include
 - [Symbian OS](#),
 - [iPhone OS](#),
 - [RIM's BlackBerry](#),
 - [Windows Mobile](#),
 - [Linux](#),
 - [Palm WebOS](#),
 - [Android](#) and
 - [Maemo](#).
- Android, WebOS and Maemo are in turn built on top of [Linux](#), and the iPhone OS is derived from the [BSD](#) and [NeXTSTEP](#) operating systems, which all are related to [Unix](#).

Smart Phone Sales

Global Smartphone Sales, Q2 2009



Smartphone Applications

For Pilots, Suggested by Pilots

Pilot Applications - Logbooks

- Logbook Pro– Sporty's Pilot Shop
(<http://sportys.com/PilotShop/product/9612>)
 - Palm OS and Windows Mobile
 - data on the planes you fly
 - Keeps currency information -put in the criteria
 - see at a glance if I'm current for VFR (night or day), IFR, etc. as well as the currency requirements my FBO has for various category of aircraft (e.g., 60 days for high performance, 90 days for non-high performance).
 - If I'm out of currency, the program does a very nice job of highlighting for me which criteria is outside parameters, so you can see quickly what you need to do to get back in the game.

Pilot Applications - Logbooks

- LogTen Pro – MAC - \$99, iPhone \$39.99
 - Can be sync'd to computer version
 - tracks various customizable limitations, certificates, currencies, stats about your flying (when, where, etc.), etc.
 - <http://coradine.com/logten-pro/>
 - Noah says, "you can tell your fellow 99's to use coupon code 'ninety-nines' during checkout to save 10%". So if you are interested, take advantage of the offer!

Pilot Applications - Weather

- Garmin's Pilot My-Cast – www.my-cast.com/
 - monthly subscription fee of \$3.99
 - Radar coverage in real time

My-Cast is available for the most recent phones on all major wireless carriers. Subscription fee is just \$3.99/month, billed directly to your phone bill.*

[BACK](#)

Features	Screenshots	Get Mobile My-Cast Now	Support
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Pick your phone here:

[To get My-Cast v7.0 on your Verizon Wireless BlackBerry 8530 \(Curve\):](#)

My-Cast can be purchased for your phone through our partners listed below:

- [Download My-Cast from Handango®](#)
- [Download My-Cast from Handmark®](#)

Pilot Applications - Weather

- AeroWeather - Freeware iPhone App
 - weather conditions (METAR) as well as weather forecasts (TAF) for any airport
- Several people mentioned using the Weather Channel apps. Available for most smartphones.

Pilot Applications - Information

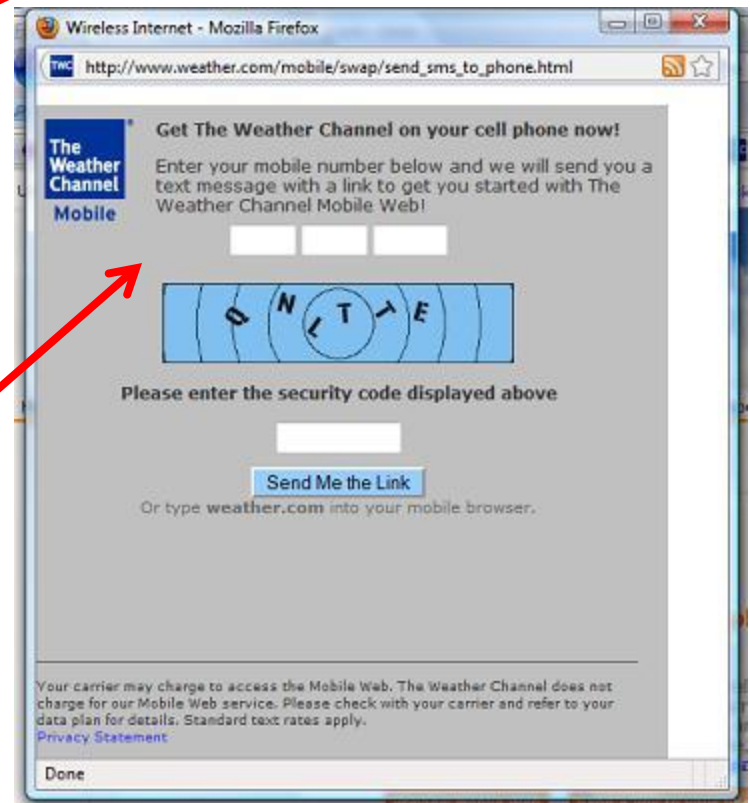
- AOPA has an airport directory app for the iPhone.
 - Search Aopa Airport in apps.
<http://www.aopa.org/airports/mobile/hiltondl.html>
 - updated often and links you to the google maps satellite view of the airport.
- ForeFlight - \$75/year
 - Airport Facilities Directory
 - Download each airport
- iFlipr for iPhone – flash cards for your phone. Create your own or use already available decks.
- FlightAware - liveTracking for commercial and general aviation
- FltPlan.com
- My E6B (iPhone)- an E6B calculator, one time cost of \$7.99
- <http://www.aviationreviews.com> – provides reviews and details of software for pilots.

Example

Downloading an Application to Your Phone



Click here



Fill in your phone number
And the verification code

A link for the application will be delivered to your phone by text message.

Comments about Smart Phone Applications for Pilots

Tamra Sheffman - For the iPhone I use

AeroWeather - weather conditions (METAR) as well as weather forecasts (TAF) for any airport

My-cast - radar coverage

FlightAware - liveTracking for commercial and general aviation

FltPlan.com

AOPA

the weather channel

I love having Pilot My-Cast on my phone. I saw an ad for it in an AOPA magazine, called the company, and signed up. It costs \$9.95 a month, and is billed on my monthly Verizon bill. It has the usual aviation weather items -- surface obs, winds aloft, satellite maps, weather depiction charts, etc., but the features I love the most are the TFR maps and the lightning map. In my job as a fire pilot, I look at the radar chart & the lightning map all day, every day. It has been a wonderful tool!

It also has flight planning capability; throw in a few airports and it will use your own stored aircraft data to compute the plan with the current winds aloft and weather conditions. It will also file the FAA flight plan for you. That's been handy, too, but the thunderstorm (radar/lightning) info is what I use most.

Some phones are not yet compatible with the service, but they add new models all the time. There is a list of which phones can receive it at their website.

Comments about Smart Phone Applications for Pilots

www.digitalcyclone.com. The few times I have called the company to ask questions, they have been very helpful. One guy even gave me his cell phone for contact, as they were having some office phone problems at the time. They have been great to deal with.

Mary LaMoy

I have found several apps for the iPhone. The one I like best is called "Foreflight" You can download your favorite airports and look at them at a glance. Inside those airports you can find current weather, winds aloft, TAF's, NOTAMS, approach charts, and a chart showing the airport on a sectional. The cost is a one time charge of \$74.99 it updates every 28 days and all updates are free.

AOPA has something similar, and there is Aeroweather, which can give you the current weather anywhere in the world.

These also an app, called "My E6B" which is an E6B calculator it is a one time cost of \$7.99

You can also download the entire "AIM"

There are also a bunch more apps that I haven't found yet.

Jeanne

Message sent by Cheryl Sullivan - Colorado/South Central <cherylesullivan@yahoo.com>

Blackberry has free apps and I like the Weather channel. You can see real time radar, and weather by city/zip code.

Looking forward to finding more helpful apps.

Sent from my Verizon Wireless BlackBerry

The three that I use all the time are the following:

Log Ten Mobile (iTunes Link | Company Link) - logbook software that corresponds with mac based logbook software. It can also export to PC based logbook software.

ForeFlight (iTunes Link | Company Link) - pricy but well worth all the money. In my opinion its the most comprehensive weather and airport planning tool (it includes the AOPA Airports data, charts data and flight plan data from their other application). You can also file flight plans with it, it contains a current up-to-date AFD (no more buying little green books) and I love the ease of use.

Pilot FAR (iTunes Link | Company Link) - No CFI (or pilot) should be without a current FAR, but none of us carry them to the airport (typically). With this, I can instantly look up rules and regs if i need to refer to them. My students hate that I have this, but I love it :) The company also has Pilot AIM and the Pilot Controller Glossary (PCG) applications. There is another one out there, for the same price (FAR Application) but I certainly like working with the people of CoDeveloper - they are true down to earth pilots. The other company has like 40 apps in iTunes and they are mainly a test prep kind of company. They also hint at making people pay for current FARs in the future in the other app. So I like this one. Hope this helps - this is all iPhone centric.


Torea


NINETY-NINES.ORG MOBILE SITE


http://m.ninety-nines.org/


The Ninety-Nines, Inc.


Home About Contact


 THE NINETY-NINES, INC.
International Organization of Women Pilots

 Welcome to The Ninety-Nines

 **Members Area**

 **How To Join**

 **Chapters and Sections**

 **Facebook**

About Us

Founded in 1929 by 99 Licensed Women Pilots for the Mutual Support and Advancement of Aviation
The Ninety-Nines Organization of Women Pilots has continued and expanded that mission. Today, the organization promotes world fellowship through flight, provides networking and women and aviation education in the community and preserves the unique history of women in aviation.

Ninety-Nines.org Mobile Website

- **If you point your smartphone browser to the traditional Ninety Nines website, you will automatically be re-directed to the mobile site.**
- **iPhone users** - can add the mobile site to your “home screen” (with a nice graphical icon and startup screen) after visiting the mobile site for the first time.
- **Other Phone Users** – Add the
<http://m.ninety-nines.org>
to your list of favorites, or make it your home page.

This is a great way to have your 99s directory always handy!