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iPad printing

Although the iPad can't print directly, there are some apps that provide some rather clever alternatives. Be sure and read the comments.

- <http://www.appcraver.com/how-to-print-from-the-ipad/>
- [All iPad Apps for printing](#)
- [Three iPhone and iPad Printing Apps](#)
- http://www.pcworld.com/article/194341/the_apple_ipad_printing_secret.html

Apple iOS Device Management Resources

Managing iOS Devices Seminar

- Date: Wednesday, August 11th
- Time: 11am – 1pm
- Location: Ackerman Union, 2nd Floor Lounge

During this seminar, you will learn how to manage multiple iOS devices, which include: iPhone, iPod Touch, and iPad. We will review enterprise options like: VPN, Exchange, Device Security, and more. Also how to use Apple's iPhone Configuration Utility v3.0 to mass deploy devices with these options and custom configure each device.

[Apple Developer Article: Over The Air Provisioning Service for iOS Devices](#)

[iPhone Configuration Utility](#)

[iOS Enterprise Deployment Guide](#)

[All iOS Deployment & Security White Papers](#)

[Apple Education App Store Volume Purchase Program](#)

Links were provided by Tim Parker (parker6@apple.com) of Apple

iPad/iPhone/iPod Touch remote desktop apps

A colleague who wishes to remain anonymous asked me to post this.

- [free Mocha rdp](#) – old, release date 8/20/2008, good resolution 1280×1014, multiple hosts configurations allowed, NO right-click. Only the paid version \$5.99 allows right-click.
- [free Wyse Pocketcloud](#) – newer 12/3/2010, mouse right-click allowed, bad resolution 800×600, and single host setup. paid version is \$14.99.

Can an iPad Replace a Laptop?

Can an iPad replace a laptop? What capabilities do other tablets have? Do any tablets have USB ports? How do I get connectivity and how much does that cost? Can I get connectivity abroad?

[Can an iPad Replace a Laptop? A Hands-on Review](#)

Probably not, but it may prove to be an alternative or niche device. You can print (using AirPrint with specific wireless printers), use a keyboard dock or bluetooth keyboard for input, use Wifi or a 3G cellular carrier (if you have a 3G capable iPad) for connectivity, but you are still tethered to iTunes for some functions. Nor does it play nicely with existing peripherals as it lacks a USB port; a deliberate sin of omission by Apple. It can be used with a HD TV or data projector with the right cables.

The \$9.99 app Pages can serve as a word processor although interface differs from usual menu or ribbon driven layout. It can, purportedly, export and import word docs.

Review of various tablets and current capabilities. This changes daily.

<http://www.tabletleader.com/tablet-comparison/>

http://www.pcworld.com/article/220763/xoom_vs_ipad_the_real_tablet_wars_begin.html

Connectivity:

Anywhere you can get Wifi, you can get connectivity. If you have a 3G capable iPad you can use some 3G carriers (including some abroad – though you have to swap out the micro sim). An example for the U.S. is Verizon's plan below.

Starts at \$20/1 GB a month for a month to month contract.

<http://www.verizonwireless.com/b2c/store/controller?item=phoneFirst&action=viewPhoneDetail&sel>

iPad Apps

Weather/News

AccuWeather – detailed current conditions, 15 day forecast, hourly weather updates – .99 cents

NOAA Now – aggregate feeds from NOAA

Intellicast HD – leading edge meteorological content and applied best in class user interface

MyRadar – fastest, easiest to use, no frills application that displays animated weather radar

WeatherBug – the latest weather information, including local current conditions, extended forecast, severe weather alerts, animated Doppler and live weather cameras

News360 – connect to Facebook and Trip It to personalize – aggregates more than 1000 different new sources

CNN

BBC News

NPR – replicate popular features of the NPR news, playlist, hourly newscasts, station finder, and sharing

The Weather Channel – delivers in depth weather, innovative maps, and robust video library

NY Times; Washington Post – free

Operations

Disaster Alert – provides a listing and an interactive map of Active Hazards occurring around the

globe. Provides global reporting on natural and manmade incidents

iEarthquake Lite – Earthquake and disaster alert application – around the world in real time

QuakeWatch – a feature-rich reference guide to the latest magnitude 1.0 and larger earthquakes from around the world as provided by seven different sources

Earthquake – the most comprehensive earthquake application – track and follow earthquakes and tsunamis around the world real time

Hurricane HD – the ultimate tracking experience – general features include animated world satellite images, us regional radar, tropical outlooks, etc. Gives you better access to the NHC info than you get using Safari; someone may have come out with something better.

iHurricane HD – tracks multiple hurricanes on an interactive map – has alert emails

FloodWatch – allows users to monitor rivers and streams throughout the US

iTsunami – the only Tsunami application that allows you to view Tsunami alerts from any of the four alert feeds from around the world

Nuclear Sites HD – allows you to locate your position relative to power sites. Provides evacuation zone markers

Nuclear Power – shows all operating nuclear reactors listed by the World Nuclear Association on an interactive map

ShelterView – application maps locations and shelter details across the United States – agency managing shelter, capacity of the shelter and current population, associated disaster event and the specific address and location

ProMED-mail (same as the emailed version) Free

HealthMap – latest real-time disease outbreak information – human and animal

Google Earth – Helps you locate where buildings are/were. (with KML File – Add-ons). KML File for Google Earth provided by NOAA & National Weather Service. Will allow you to isolate Major Flood State Areas (Currently Red River Basin) Information is updated every 15 minutes. The link is: <http://water.weather.gov/ahps/download.php>

World Clock

Relief – (includes link to CDC Yellow Book, USAID Intl Ops Handbook, CIA World Fact Book & 5 journals in MEDLINE that are disaster focused) [Very good for quick link to the USAID Handbook, Fact Book & Yellow Book]– Free

Tactical/Team

EMS Tracker – an application for EMS personnel that allows you to quickly record critical events and times with a single click – creates accurate logs of important events with a precise timestamp. A minimal PCR application. We should have an NDMS specific application created

Protocols – paramedical protocol provider provides quick offline access to over 200 field treatment protocols – include ICS 420-1 Firescope FOG

Communications

Scanner Radio – fire, police and EMS scanner

Emergency Radio – brings you more than 2,000 police, fire, rescue and other radio channels – you can search for channels in the US and other countries. Allows monitoring of local response radio communications.

QuakeSOS – designed to be used in an emergency to notify contacts via email. Notifies people if you are okay or not after an event. Could be configured to send status messages to team CDR or others.

Quakewarn HD – uses your phone’s GPS to warn you when earthquakes hit near you

MotionX GPS HD – all the maps and navigation instruments you need for outdoor life – can share locations and see where colleagues or friends are – associate photos with tracks and waypoints

GPS Drive HD – provides GPS based point to point navigation with traffic indicators

EchoLink – ham radio via the internet. Requires some infrastructure to be intact to work

Reference

WISER – Provides CBRNE response guidelines. – (iPhone app but will work on the iPad but screen is smaller)

Mobile REMM (iPhone app but will work on the iPad)

Medscape – Free

Chemical Hazards (NIOSH) – \$2.99

Mirco MEDEX Drugs – drug information contains the industry’s most comprehensive drug information

PetVet – instant access to comprehensive library of possible conditions and vet finder locates nearest animal hospital wherever you are in US

Travel

Urbanspoon – shows you all the restaurants in your city at the same time

Flightboard – arrivals and departures board for any airport – lets you check out favorite airports and view all the flight information in real time

Kayak

Flightview – free flight tracking – track upcoming and in-air flights. Gate assignments, delays and cancellations

FlightTrack Pro – import flight data automatically from any airline confirmation email and get push alerts with real time changes to your flight

Airport Data – once you have chosen an airport you can view detailed information including frequencies as well as runway information

iTranslate – translate words, phrases and even whole texts into over 50 languages – Free

Expensify – with all of your spending in one spot, create and submit an expense report for approval right from your IPAD

Live ATC – quick and easy way to listen in on live conversations between pilots and air traffic controllers near many airports around the world

AAA Roadside – hopefully you won't need it, but if you're isolated while en route to your destination, the IRCT may be too far away to effectively help.

Traffic – allows for real time traffic so that you can miss traffic accidents, roads closures, etc

White Noise Pro – sleep great – includes 40 ambient sound variance with sound mixer – multiple shutdown and alarms

Business

Docs to Go Premium – lets you edit, create, view word, excel and powerpoint

Dragon Dictation – easy to use voice recognition application powered by Dragon Naturally speaking that allows you to easily speak and instantly see your text or email messages

GotoMeeting – easiest and most convenient way to attend online meetings

Toodledo – a powerful task and note manager. Will help organize your to-do list and notes, and make you more productive

Flipboard (to capture Twitter, Facebook and other links shared) Free

WebEX – attend webex mtgs on your IPAD wherever you are – simultaneous data and audio

DropBox (to send documents/upload/download from a computer to your iPad instead of using email) – If I could recommend only one app, this would be it... and it's free! It allows you to access files while away from home. You can import them into some of the files below and have the ability to manipulate and save the files. In addition, you can create a "public" file which you can allow others password protected entry (sitreps or more sensitive documents) All files stored on Dropbox are stored "in the cloud" and are accessible by password from any computer. Free

MobileMe iDisk – you can view and share the files on your iDisk right from your iPad

Gallery you can view and share the pictures on your Gallery right from your iPad

Penultimate (note taking software that allows you to handwrite your notes with a stylus and then export them to PDF via email) \$2.99

PDF Reader Pro – Allows you to import, read and fill PDF applications and even download email attachments

GoodReader (to read & annotate PDFs) \$ (don't know exact amount). Best app I've found for reading PDFs, Word docs, etc. Allows me to create folders and organize them.

MoesNotePad – much more than a notes app – this gives you the power to record ideas and thoughts you have, quickly, on the fly, without having to name or categorize them. voted the best "notes" app. Allows you to make a voice note, take a picture with geocache coordinates etc., email it, text it etc. Been using it in the field for damage assessments and notes during exercises. It's fantastic.

mSecure – Password protection

iThoughtsHD – This is a mindmapping tool for the iPad. Mindmapping enables you to visually organize your thoughts, ideas and information

JotNot Fax – JotNot Fax turns your iPad into a portable, outbound fax machine. Another MUST HAVE . Take a picture and e-mail or fax it off. Used it to submit a timesheet when I didn't have a fax machine available; submitted my ACLS update while riding BART!

Pages (Microsoft Word equivalent) \$9.99

Numbers (Microsoft Excel equivalent) \$9.99

Keynote (Microsoft PowerPoint equivalent) \$9.99

Google app (shortcut to Google search, Google Docs, Google sites, Gmail)

Twitter, Facebook – Free

MapQuest – provides location based tracking as well as information on nearby resources such as retail, restaurants, service stations, hospitals, etc. – Free

Citrix (if you use Citrix for office, there is an app for it, but I have not used it yet)

Adobe Connect

Configuring the UCLA Proxy Server on an iPad

To configure your iPad to use the UCLA Proxy Server when at home,

1. Connect your iPad to your current home wireless network
2. Tap on Settings, and tap on Wi-Fi (next to it will have the name of your wireless network)
3. You will see the wireless network you are currently connected to (has a checkmark next to it) plus a signal strength icon, and a blue > button. Tap on this button.
4. You will see a window for this network with a bunch of information; scroll down to the bottom where there is a HTTP Proxy section (which is currently off). Tap on Auto.
5. A URL box will appear. Type in <http://proxy.ucla.edu/cgi/proxy>
6. Click on the physical Home button on the iPad to exit.

The next time you try to connect to a UCLA restricted online resource, the proxy server page will appear and after providing your UCLA Logon ID and password you will be taken to the resource.

iPad Split Keyboard

With iOS 5 the iPad, but not the iPhone, now has a split keyboard. The keyboard has six “hidden” keys:

- <http://osxdaily.com/2012/03/31/tips-to-improve-typing-ipad/>
- <http://osxdaily.com/2012/02/05/ipad-split-keyboard-hidden-keys/>

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see also:

- <http://www.apple.com/ios/gallery.html>

iPad Screencasting

Here is an article describing some iPad screencasting apps, and mentioning some others.

<http://chronicle.com/blogs/profhacker/ipad-screencasting-educreations-and-explain-everything/38662>

- <http://www.educreations.com/>
- <http://www.explaineverything.com/>
- <http://itunes.apple.com/us/app/screenchomp/id442415881?mt=8>

Is it possible to put UCLA VPN on a Kindle Fire?

Kindle Fire doesn't support VPN. Amazon will prevent any attempt to establish a VPN connection on Kindle Fire. Your only option is to purchase a router-based VPN.

Best Tablet for Productivity?

I'm looking for a tablet that will help me be productive away from the office. I'm almost exclusively a Windows user, and have an Android phone, so I'm not looking all that closely at the Apple family. Does anyone have experience with the Galaxy Note 8, Nexus 7 or Lenovo Thinkpad Tablet 2? I like the first two for their size, but the latter seems very robust in terms of its Windows functionality. I would appreciate any recommendations you have (even if it's to try to convince me that an iPad is the way to go). Thanks!

Good resource for technology recommendation is TheWirecutter.com. Here is their tablet section:

<http://thewirecutter.com/leaderboard/tablets/>

Help A Blind Person Identify Everyday Things

- [Help A Blind Person Identify Everyday Things, Via Smartphone App](#)
- [BeMyEyes.org](#)

How to use your Smartphone for Vibration Analysis

“Vibration measurement is an important tool for fault detection in rotating machinery. In a previous post, “How to Use Your Smartphone for Vibration Analysis, Part 1: The Wolfram Language,” I described how you can perform a vibration analysis with a smartphone and Mathematica. Here, I will show how this technique can be improved upon using the Wolfram Cloud. One advantage with this is that I don’t need to bring my laptop.” – [How to Use Your Smartphone for Vibration Analysis, Part 2: The Wolfram Cloud](#) – April 7, 2017 Håkan Wettergren

How do I connect to the eduroam wireless network on a Kindle Fire?

Hit the “Settings” icon next to the battery icon. Select “Wifi,” and choose eduroam as the network. Leave the automatic settings and identify yourself with the login information.