

# New Ways to Streamline Your Business with Technology

- This class is a collection of software, cloud services, and iPhone apps for business management. Available at [berrypiano.com/cloud](http://berrypiano.com/cloud)
- By Ron Berry  
317.255.8213  
[ron@berrypiano.com](mailto:ron@berrypiano.com)  
[berrypiano.com](http://berrypiano.com)  
[@berrypiano](#)



**My mind is like an  
internet browser.  
17 tabs are open,  
4 of them are  
frozen and I don't  
know where the  
music is coming  
from**

**HYGOQUOTES.COM**

# What Gender is your computer?



# OpenOffice.org

A complete office suite with Word Processor, Spreadsheet, Database, and Presentation software that is compatible with Microsoft Office files. Open Office is free. This is not cloud software but it runs on any computer and you can get mobile apps that view its files.

The screenshot shows a Mozilla Firefox browser window displaying the Apache OpenOffice Product Description page. The browser's address bar shows the URL [www.openoffice.org/product/index.html](http://www.openoffice.org/product/index.html). The page features the Apache OpenOffice logo with the text "100,000,000+ Downloads!" and the tagline "The Free and Open Productivity Suite". A prominent blue banner announces "New: Apache OpenOffice 4.1.0 released!". Below this, a navigation menu includes links for "Product", "Download", "Support", "Blog", "Extend", "Develop", "Focus Areas", and "Native Language". A sidebar on the left lists "PRODUCTS" such as Writer, Calc, Impress, Draw, Math, and Base, along with a "MORE" section for Suite and Reviews. The main content area, titled "Apache OpenOffice Product Description", states that the suite is free to download, use, and distribute, and provides a "Download it now" link. It lists the components: Writer (word processor), Calc (spreadsheet), Impress (multimedia presentations), Draw (diagrams and 3D illustrations), Base (database manipulation), and Math (mathematical equations). A large blue circular logo with a white bird is positioned on the right side of the page. The browser's taskbar at the bottom shows the system clock at 20:09 on 6/27/2014.

# Organizing your files

Mike Song came to PTG a few years back and showed us the COTA system for organizing files on a computer.

- **Clients**
- **Output**
- **Teams**
- **Admin**

There is a quick overview of this system [here](#).

# File missing



Windows can not find the file.  
Would you like some wine instead?

Yes

No

# Gimp Photo Editing Software

Your free alternative to Photoshop. This is complete image editing software.



## The Free & Open Source Image Editor

This is the official website of the GNU Image Manipulation Program (GIMP).

GIMP is a cross-platform image editor available for GNU/Linux, OS X, Windows and more operating systems. It is **free software**, you can change its **source code** and **distribute** your changes.

## Recent News

[GIMP and GEGL in 2018](#)  
[2019-01-02](#)

[GIMP 2.10.8 Released](#)  
[2018-11-08](#)

[GIMP receives a \\$100K donation](#)  
[2018-08-30](#)

# Click2Mail

- Send reminder cards to your customers
- <https://click2mail.com/>

The screenshot shows the Click2Mail website homepage. At the top, there is a navigation bar with the Click2Mail logo and several menu items: Print & Mail to List, Just Print, Mailing List Services, Marketing & Design, Advanced Services, HELP?, New Customer Sign in, and Cart (0). Below the navigation bar, there is a date indicator for January 06, 2019, and a welcome message: "Welcome to Click2Mail.com". A sidebar on the left contains links for "New User? Start here", "Products / Cost estimator", "Request free samples", "Mailing ideas blog", "Special offers", and "Partner with us". A prominent red banner reads "Learn about the NEW MailJack + > HERE <". Below this is a search bar and a sign-in/register section with a username field (ronberry) and a password field. A chat widget is visible with the text "Question? CHAT 1-866-665-2787 Mon - Fri, 9am - 8pm EST". The main content area features a large blue banner for "MailJack+ Send PDFs as postal mail—easy, automatically, without coding." Below the banner is a grid of service categories: Postcards, Letters, Notecards, Rackcards, Mailing Lists, Booklets, Secure Self Mailer, Flyers, Brochures, Ship to you, Every Door Direct Mail, Certified Mail, Reply Mail, Priority Mail Plus, Info & Templates, Design Services, Productivity Tools, API Integration, Express Mail, and How-To Videos. The footer includes logos for VISA, MasterCard, PayPal, UNITED STATES POSTAL SERVICE, Privacy Shield Framework, ACCREDITED BUSINESS A+ RATED, and DMA. It also features social media links, a "Share" button, and a "2001 Reviews" badge with a star rating.



# Click2Mail

- This service at [click2mail.com](http://click2mail.com) is a printing service that prints and mails my reminder cards. Sending cards for the month now only takes about 10 minutes. No more printer, cutting cards, printing labels, sticking labels and stamps!
- They do much more than postcards
- Even 4 color brochures.
- This is a great hybrid solution of online and print media.

# Sign in Page

## Quick Answers

[Is it free?](#)

[Why should I sign up?](#)

[What's your privacy policy?](#)

Question? [CHAT](#)  
1-866-665-2787

Mon-Fri, 9am-8pm EST

### Sign into your account

Username:\*  \*

Password:\*  \*

[I forgot my username](#)  
[I forgot my password](#)

Sign in

or Sign in using your



### Create a new account

Account type:\*  Personal  
 Business / Organization

Email:\*

Username:\*

Password:\*

Confirm password:\*

or Create a new account using your



# Returning customer

**Click2Mail**

Welcome, Ronald!

Mail & Print  
Products

Specialty  
Mail

Mailing List  
Services

Marketing  
& Design

Advanced  
Services

HELP  
?

[My Account](#)

[Sign Out](#)

Cart (0)

October 02, 2012

Welcome to  
Click2Mail.com

[My Account](#)

[Product Selection](#)

[\(Cost Estimator\)](#)

[Request free samples](#)

[Mailing ideas blog](#)

[Special offers](#)

[Partner with us](#)

Search

Returning Customers

Mailing Online Classic  
OPERATED BY  
Click2Mail

Question? CHAT

Choose what you  
want to mail...



**Postcards**  
Sure to be seen...



**Letters & Flyers**  
Simple and affordable...



**Booklets**  
Catalogs, brochures...



**EasyLetterSender**  
Quick letters and cards



**Priority Mail Plus**  
Same day mailing...



**Certified Mail**  
For an official record...



**Reply Mail**  
For a response...

More products  
and services...



**Mailing Lists**  
Buy a pinpointed list...



**EDDM**  
Every Door Direct Mail.



**Mobile Marketing**  
Reach more customers

Every Door Direct Mail / Retail

Low cost, local  
marketing  
without a list...

Read more



Send an Easy letter  
or Easy picture  
postcard **FREE!**



You can even

# Use document

## Need help?

[Knowledge Base](#)

[Chat](#)

[Email us](#)

Call Toll Free

1-866-665-2787

(Monday-Friday 9AM-8PM ET)

[Customer Feedback](#)

**Certified Mail**



Select

**Priority Mail® Plus**



Select

**NEW: Mailing Lists**



Select


**Work** With Existing Documents (Please select a document below) ?

**Or, Upload a New Document**

6 of 6 Document(s)

**Document Preview**

Select a Document



<input type="checkbox"/>	Description	Type	Created
<input type="checkbox"/>	Reminder_40924939	Postcard - 4.25 x 6 - SpaceSaver Format	4/27/2010 12:27:49 PM
<input type="checkbox"/>	Reminder	Postcard - 4.25 x 6 - SpaceSaver Format	4/27/2010 12:23:05 PM
<input type="checkbox"/>	BPS Date Merge Reminder	Postcard - 4.25 x 6 - Single Side	6/25/2008 1:59:55 PM
<input type="checkbox"/>	BPS 6 Month Reminder	Postcard - 4.25 x 6 - Single Side	6/25/2008 1:25:40 PM

Mail This Document

Edit This Document

Copy This Document

Delete Checked

# Selected document

## Need help?

[Knowledge Base](#)

[Chat](#)

[Email us](#)

Call Toll Free

1-866-665-2787

(Monday-Friday 9AM-8PM ET)

[Customer Feedback](#)

**Certified Mail**



Select

**Priority Mail® Plus**



Select

**NEW: Mailing Lists**



Select

**Work** With Existing Documents (Please select a document below) ?

**Or, Upload a New Document**

6 of 6 Document(s)

### Document Preview

Select a Document



<input type="checkbox"/>	Description	Type	Created
<input type="checkbox"/>	Reminder_40924939	Postcard - 4.25 x 6 - SpaceSaver Format	4/27/2010 12:27:49 PM
<input type="checkbox"/>	Reminder	Postcard - 4.25 x 6 - SpaceSaver Format	4/27/2010 12:23:05 PM
<input type="checkbox"/>	BPS Date Merge Reminder	Postcard - 4.25 x 6 - Single Side	6/25/2008 1:59:55 PM
<input type="checkbox"/>	BPS 6 Month Reminder	Postcard - 4.25 x 6 - Single Side	6/25/2008 1:25:40 PM

Mail This Document

Edit This Document

Copy This Document

Delete Checked

[1. Prepare Documents](#)[2. Define Recipients](#)[3. Proof Mailing](#)[4. Order Confirmation](#)[5. Proceed to Cart](#)

Question? [CHAT](#)  
1-866-665-2787  
Mon-Fri, 9am-8pm EST

[Back to: Template Selections](#)[Next Step: Preview](#)[Document](#) | [Edit](#) | [Text](#) | [Alignment](#) | [Layer](#) | [Insert](#)[1](#) of 2

### Document Properties

Product: **Postcard - 4.25 x 6 - Single Side**

#### Document Name

**BPS Date Merge Reminder**

#### Color

**Black and White**

#### Paper Selection

**Yellow 65# Uncoated**

#### Mail Class

**First Class**

### Cost Estimate

### Mail Merge

### Return Address

#### Select Return Address:

Default (Default)

Account Address

[View/ Edit Address](#)

[Add Address](#)

[Set as Default Address](#)

[Delete Address](#)

Dear Piano,

It was on {DATE} that you and I were last together for a tuning. I was thinking about you today and wondering if you have slipped out of shape since your last tuning. I wouldn't want you to be embarrassed by the sounds you would make if someone sat down to tickle your ivories.

Don't despair, little piano, for your sweet harmonies can be restored. I can come back to visit you with my bag of tools. We can put you back in tune so you will sound the way a piano is meant to sound. Just have your people give me a call. You can contact me by email at [ron@berrypiano.com](mailto:ron@berrypiano.com) or check out my web page at [www.berrypiano.com](http://www.berrypiano.com)

CALL 255-8213

Ron Berry

Registered Piano Technician

[Preview Document](#)[1](#) of 2[Back to: Template Selections](#)[Next Step: Preview](#)

1. Prepare Documents

2. Define Recipients

3. Proof Mailing

4. Order Confirmation

5. Proceed to Cart

Back to: Edit

Next Step: Recipients

### Document Preview



Dear Piano,

It was on {DATE} that you and I were last together for a tuning. I was thinking about you today and wondering if you have slipped out of shape since your last tuning. I wouldn't want you to be embarrassed by the sounds you would make if someone sat down to tickle your ivories.

Don't despair, little piano, for your sweet harmonies can be restored. I can come back to visit you with my bag of tools. We can put you back in tune so you will sound the way a piano is meant to sound. Just have your people give me a call. You can contact me by email at [ron@berrypiano.com](mailto:ron@berrypiano.com) or check out my web page at [www.berrypiano.com](http://www.berrypiano.com)

CALL 255-8213  
Ron Berry  
Registered Piano Technician

Front

Ronald L. Berry  
Berry Piano Service  
6020 Parker Ln  
Indianapolis, IN 46220-2229

PRESORTED  
FIRST-CLASS MAIL  
U.S. POSTAGE PAID  
01 ORIGINAL  
22202



Back

Back to: Edit

Next Step: Recipients

# Select recipients



Mail & Print Products

Specialty Mail

Mailing List Services

Marketing & Design

Advanced Services

HELP ?

[My Account](#)

[Sign Out](#)

[Documents](#)

[Mailing Lists](#)

[Address Book](#)

[Cost Estimator](#)

[My Cart](#)

[Support](#)

1. Prepare Documents

2. Define Recipients

3. Proof Mailing

4. Order Confirmation

5. Proceed to Cart

[Back to: Preview](#)

[Next Step: Proof](#)

Select a mailing list. A list has been selected based on your mail merge settings. If you choose a different list, the field names must be exactly the same or the mail merge will not work.

Select Mailing List(s)

[Purchase a Mailing List](#)

[Upload Mailing List](#)

25 of 42 List(s)

Mailing List Name	Total	Standard	Non-Standard	International	Created
<input checked="" type="radio"/> reminders 2012-09_47238064.csv <a href="#">[Edit]</a>	109	108	1	0	9/16/2012 1:54:21 PM
<input type="radio"/> reminders 2012-09.csv <a href="#">[Edit]</a>	111	109	2	0	9/16/2012 1:49:02 PM
<input type="radio"/> Reminders 2012-07-08_47076537.csv <a href="#">[Edit]</a>	211	202	9	0	7/30/2012 9:30:01 AM
<input type="radio"/> Reminders 2012-07-08.csv <a href="#">[Edit]</a>	211	201	10	0	7/30/2012 9:26:44 AM
<input type="radio"/> Reminders 2012-06.csv <a href="#">[Edit]</a>	102	100	2	0	6/18/2012 4:38:00 PM

[Click Here to Display All Lists](#)



# Click2Mail

Dear Piano,

It was on {DATE} that you and I were last together for a tuning. I was thinking about you today and wondering if you have slipped out of shape since your last tuning. I wouldn't want you to be embarrassed by the sounds you would make if someone sat down to tickle your ivories.

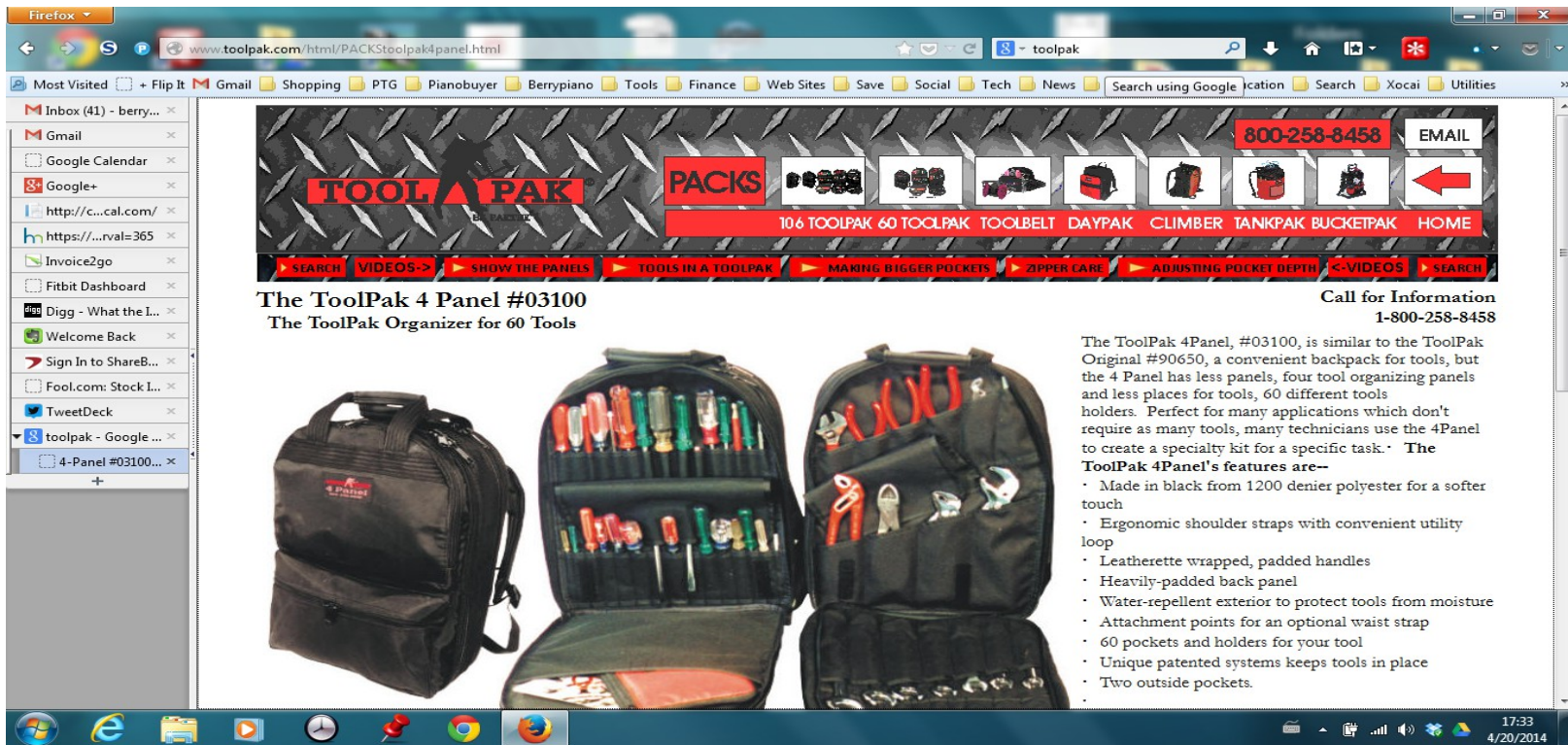
Don't despair, little piano, for your sweet harmonies can be restored. I can come back to visit you with my bag of tools. We can put you back in tune so you will sound the way a piano is meant to sound. Just have your people give me a call.

I now have an online booking system where you can select your own appointment time that is convenient to you. Just send me an email at [ron@berrypiano.com](mailto:ron@berrypiano.com) and ask for a email link to this new system.

Or CALL 255-8213      Ronald Berry, Registered Piano Technician  
[ron@berrypiano.com](mailto:ron@berrypiano.com)  
[www.berrypiano.com](http://www.berrypiano.com)

# Tool Backpack

- A backpack to carry all your piano tools
- Purchase from ToolPak [here](#)



The screenshot shows a Firefox browser window displaying the ToolPak website. The page features a navigation bar with the ToolPak logo and various product categories like PACKS, TOOLBELT, DAYPAK, CLIMBER, TANKPAK, and BUCKETPAK. Below the navigation bar, there are several red buttons for navigation and search. The main content area is titled "The ToolPak 4 Panel #03100" and "The ToolPak Organizer for 60 Tools". It includes a photograph of the black backpack, which is shown both closed and open to reveal its interior compartments filled with tools. To the right of the image, there is a "Call for Information" section with the phone number 1-800-258-8458 and a list of features for the ToolPak 4Panel.

**TOOLPAK** **PACKS** 800-258-8458 EMAIL  
106 TOOLPAK 60 TOOLPAK TOOLBELT DAYPAK CLIMBER TANKPAK BUCKETPAK HOME  
SEARCH VIDEOS SHOW THE PANELS TOOLS IN A TOOLPAK MAKING BIGGER POCKETS ZIPPER CARE ADJUSTING POCKET DEPTH VIDEOS SEARCH

**The ToolPak 4 Panel #03100**  
The ToolPak Organizer for 60 Tools

**Call for Information**  
1-800-258-8458

The ToolPak 4Panel, #03100, is similar to the ToolPak Original #90650, a convenient backpack for tools, but the 4 Panel has less panels, four tool organizing panels and less places for tools, 60 different tools holders. Perfect for many applications which don't require as many tools, many technicians use the 4Panel to create a specialty kit for a specific task. **The ToolPak 4Panel's features are--**

- Made in black from 1200 denier polyester for a softer touch
- Ergonomic shoulder straps with convenient utility loop
- Leatherette wrapped, padded handles
- Heavily-padded back panel
- Water-repellent exterior to protect tools from moisture
- Attachment points for an optional waist strap
- 60 pockets and holders for your tool
- Unique patented systems keeps tools in place
- Two outside pockets.

# ToolPak



# Scottevest.com

## Technical Clothing

The screenshot shows the Scottevest website interface. At the top, the browser address bar displays `www.scottevest.com/v3_store/SeV-Sportcoat.shtml`. The website header features the Scottevest logo and navigation links: HOME, EMAIL LIST, RETURNS, LOGIN, REGISTER, CART (0), and HELP. A promotional banner reads "Make Your Life More Pockety! SIGN UP for Our Weekly Newsletter".

The main navigation bar includes categories: SALE, HELP ME DECIDE, ENGINEERED FOR MEN, ENGINEERED FOR WOMEN, TOOLS & TOYS, and ABOUT SeV. The central focus is a blue jacket with "X-RAY VIEW" text and images of a smartphone and a tablet. A callout box titled "Why We Engineered This:" explains: "The ultimate (life)style upgrade: Q was on holiday and James needed a new sport jacket... one with 24 pockets."

On the right, product details are shown: PRICE: \$200.00, Choose Color, Choose Size, Quantity 1, and a large green "ADD TO CART" button. Below this is a "WISH LIST" button and a shipping notice: "ups \$5 SHIPPING OVER \$125 UPS U.S. GROUND ONLY, FREE OVER \$250".

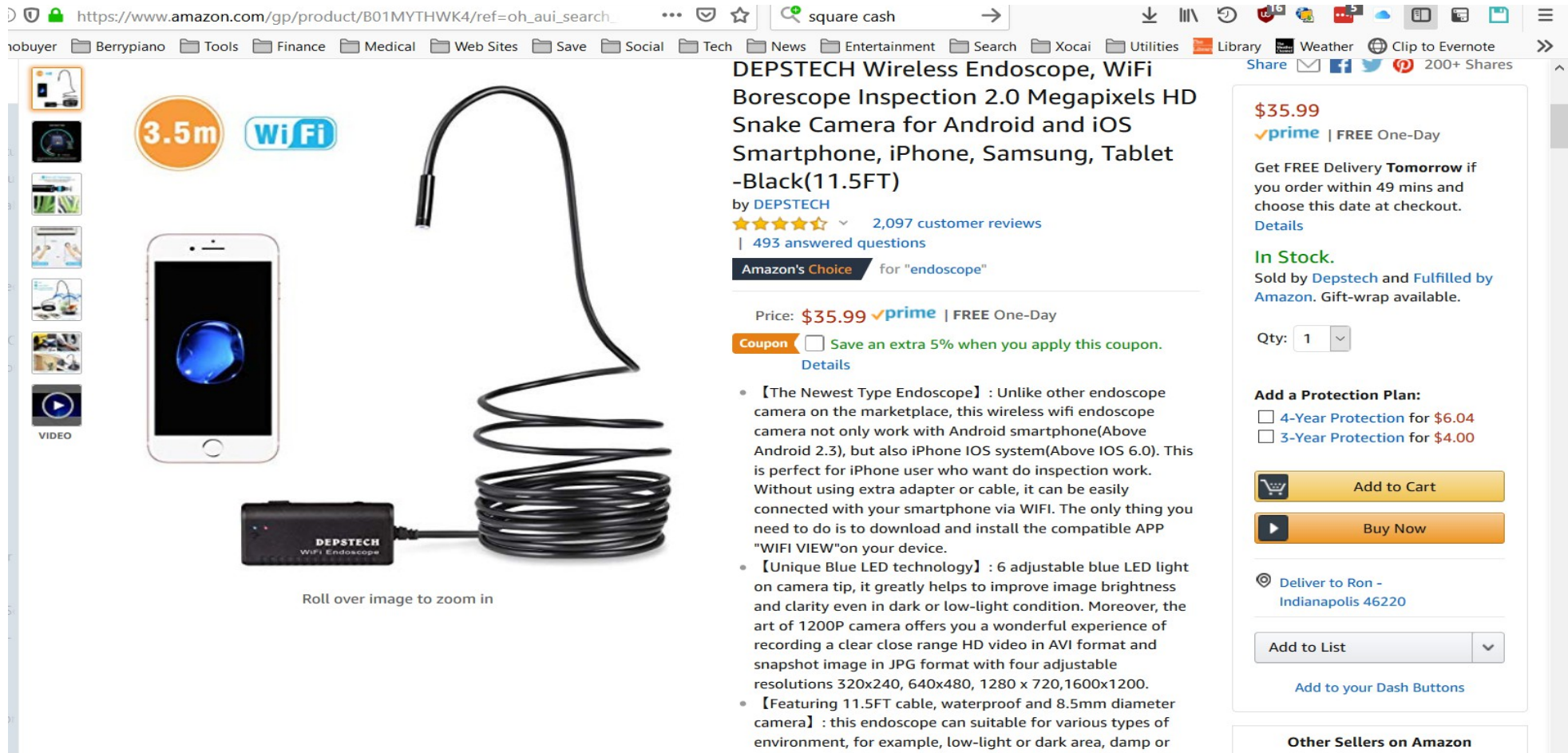
The left sidebar contains a "FAN PHOTOS" gallery and a list of media options: Photos, Videos, Full Description, Pocket Map, X-Ray, Facebook Comments, and Customer Reviews. A dark overlay at the bottom left says: "One item selected daily at a ridiculous discount. Be the first to know!".

The bottom of the page features a "23 POCKETS" badge, an "iPad" logo, and a "Ask Us A Question Now!" button. The system tray at the bottom shows the date and time: 14:37 4/24/2014.



# Wireless Endoscope

A camera on a snake with LED lights to look under the plate at the soundboard. The unit creates a WiFi hotspot that you log in to with your phone to get live pictures as you search.



DEPSTECH Wireless Endoscope, WiFi Borescope Inspection 2.0 Megapixels HD Snake Camera for Android and iOS Smartphone, iPhone, Samsung, Tablet -Black(11.5FT)

by DEPSTECH  
★★★★★ 2,097 customer reviews  
| 493 answered questions

Amazon's Choice for "endoscope"

Price: \$35.99 ✓prime | FREE One-Day

Coupon  Save an extra 5% when you apply this coupon. Details

- **【The Newest Type Endoscope】** : Unlike other endoscope camera on the marketplace, this wireless wifi endoscope camera not only work with Android smartphone(Above Android 2.3), but also iPhone IOS system(Above IOS 6.0). This is perfect for iPhone user who want do inspection work. Without using extra adapter or cable, it can be easily connected with your smartphone via WIFI. The only thing you need to do is to download and install the compatible APP "WIFI VIEW"on your device.
- **【Unique Blue LED technology】** : 6 adjustable blue LED light on camera tip, it greatly helps to improve image brightness and clarity even in dark or low-light condition. Moreover, the art of 1200P camera offers you a wonderful experience of recording a clear close range HD video in AVI format and snapshot image in JPG format with four adjustable resolutions 320x240, 640x480, 1280 x 720,1600x1200.
- **【Featuring 11.5FT cable, waterproof and 8.5mm diameter camera】** : this endoscope can suitable for various types of environment, for example, low-light or dark area, damp or

3.5m WiFi

Roll over image to zoom in

VIDEO

Share 200+ Shares

\$35.99 ✓prime | FREE One-Day

Get FREE Delivery **Tomorrow** if you order within 49 mins and choose this date at checkout. Details

**In Stock.**  
Sold by Depstech and Fulfilled by Amazon. Gift-wrap available.

Qty: 1

**Add a Protection Plan:**  
 4-Year Protection for \$6.04  
 3-Year Protection for \$4.00

Add to Cart Buy Now

Deliver to Ron - Indianapolis 46220

Add to List

Add to your Dash Buttons

Other Sellers on Amazon

# Promoting your Business

Car graphics  
Back window perf or full wraps




# Squarespace.com

## Build your website

Use the code TNT to get a 10% discount


berryplano... + Flip It Gmail Shopping PIG Pianobuyer Berryplano Tools Finance Web Sites Save Social Tech News Entertainment Education Search >>

 SQUARESPACE

TOUR LOGIN MENU ≡

# A better web starts with your website

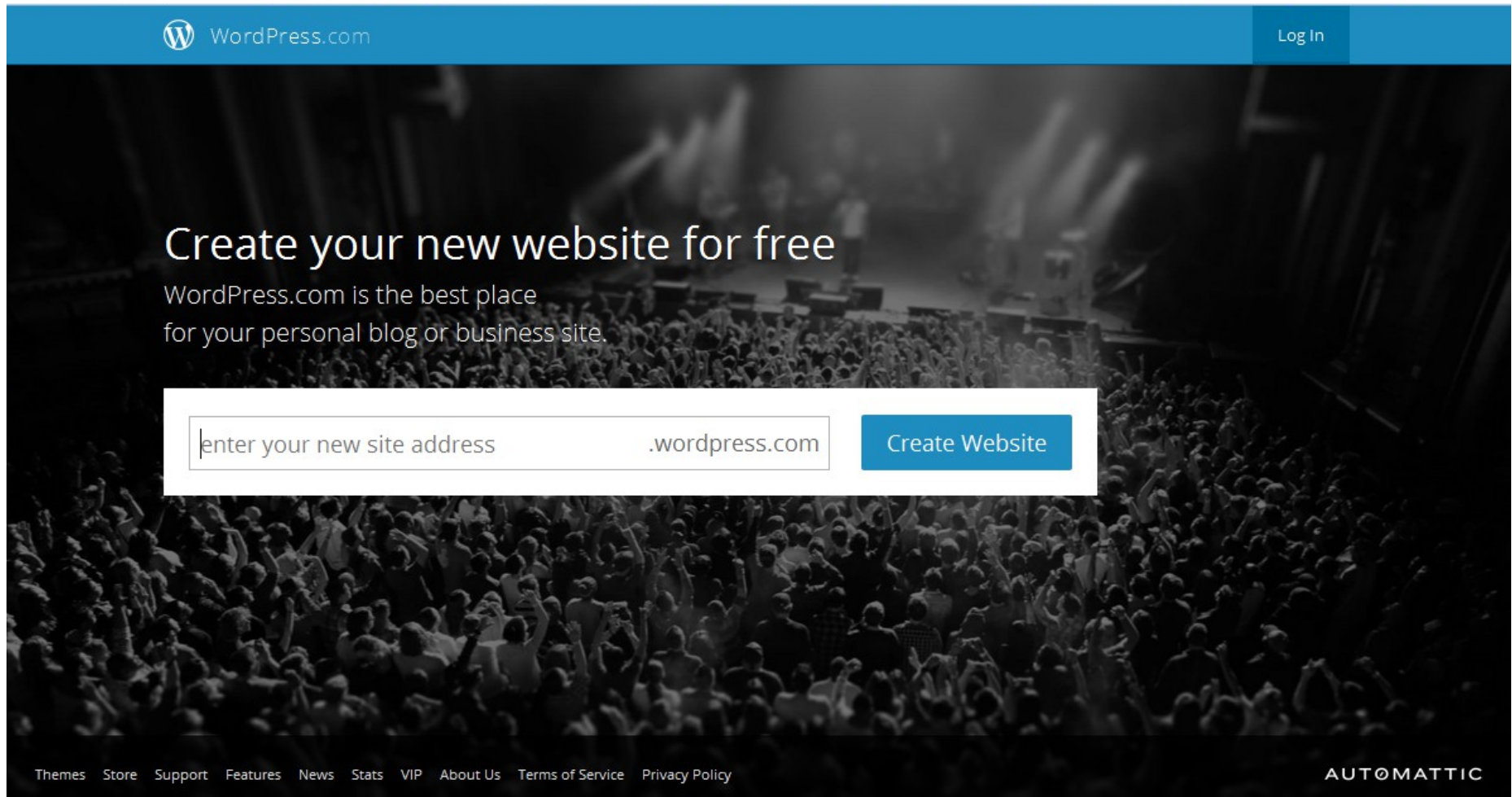
WEBSITES • DOMAINS • COMMERCE • MOBILE • 24/7 SUPPORT [GET STARTED](#)

WATCH OUR LATEST AD 



# WordPress.com

Host with them or install it on your own website This is blogging software that makes it very easy post and change content on your web site. Creates both static pages and information posts.



The image shows the WordPress.com homepage. At the top, there is a blue navigation bar with the WordPress logo and 'WordPress.com' on the left, and a 'Log In' button on the right. The main content area has a dark background with a large crowd of people. The text 'Create your new website for free' is prominently displayed. Below this, it says 'WordPress.com is the best place for your personal blog or business site.' A white sign-up form is centered, containing a text input field with the placeholder 'enter your new site address', a dropdown menu with '.wordpress.com' selected, and a blue 'Create Website' button. At the bottom, there is a footer with a list of links: Themes, Store, Support, Features, News, Stats, VIP, About Us, Terms of Service, and Privacy Policy. The word 'AUTOMATIC' is written in the bottom right corner.

WordPress.com

Log In

## Create your new website for free

WordPress.com is the best place for your personal blog or business site.

enter your new site address .wordpress.com [Create Website](#)

[Themes](#) [Store](#) [Support](#) [Features](#) [News](#) [Stats](#) [VIP](#) [About Us](#) [Terms of Service](#) [Privacy Policy](#)

AUTOMATIC

# Your web site

By using Blog software you can easily change and add to your site and create information that creates a community around your site.

**Ron Berry Piano Service 317.255.8213**

*Quality Piano Tuning and Service in Indianapolis, IN since 1972. Piano Tuner Serving Indianapolis, Carmel, Zionsville, Fishers, Noblesville, and surrounding counties*

[Home](#) [About Ron](#) [Booking Appointment](#) [Buying a Used Piano](#) [How Often](#) [Media](#) [Regulation](#) [Voicing](#)

Home 1 2 3 >>

## Humidity over time

Posted on [December 23, 2013](#) by [Ron](#)

0

Transferring data from [ilclimate.com](#)

### Pages

- [About Ron](#)
- [Booking Appointment](#)
- [Buying a Used Piano](#)
- [How Often](#)
- [Media](#)
  - [Music](#)
  - [Photos](#)

# Nextdoor.com

Know what is going on in your neighborhood and make connections to potential customers

The screenshot displays the Nextdoor.com interface. At the top, there is a green navigation bar with a home icon, a search bar labeled "Search Nextdoor", and notification icons for messages (4), comments, and a profile menu (100). The left sidebar contains navigation options: Home, Glendale, Map, Neighborhood, Recommendations, For Sale & Free, Offers (New), Events, Real Estate, Crime & Safety, Lost & Found, Documents, and General. The main content area shows a post by Camille Downey, Avalon Estates, titled "MOWING NEEDED TODAY! Saturday." The post text reads: "I'm in need of someone to come mow/edge today Only!! I will pay cash! Please! And thanks! Direct Message me here and we can exchange details!" It is marked as "New" and posted 37m ago. Below the post are "Thank" and "Reply" buttons, and a comment count of 5. A section titled "See 3 previous replies" shows a reply from Carol Greenspan, Lake Kesslerwood, edited 11m ago, stating: "Prob can't do it today, but call Par 5 lawncare for service. They will take good care of you. 317-293-8800". This reply includes a link for "Par 5 Lawn Care" and a "Thank" button. Another reply from paul evan, Copperfield, is partially visible at the bottom, marked as "New" and posted 6m ago. On the right, a neighborhood profile for Glendale shows 751 neighbors, an "Invite" button, a progress bar for 33% of 1,682 households, and information about 12,254 neighbors in 31 nearby neighborhoods.

**Computers don't make mistakes.**



**What they do, they do on purpose.**

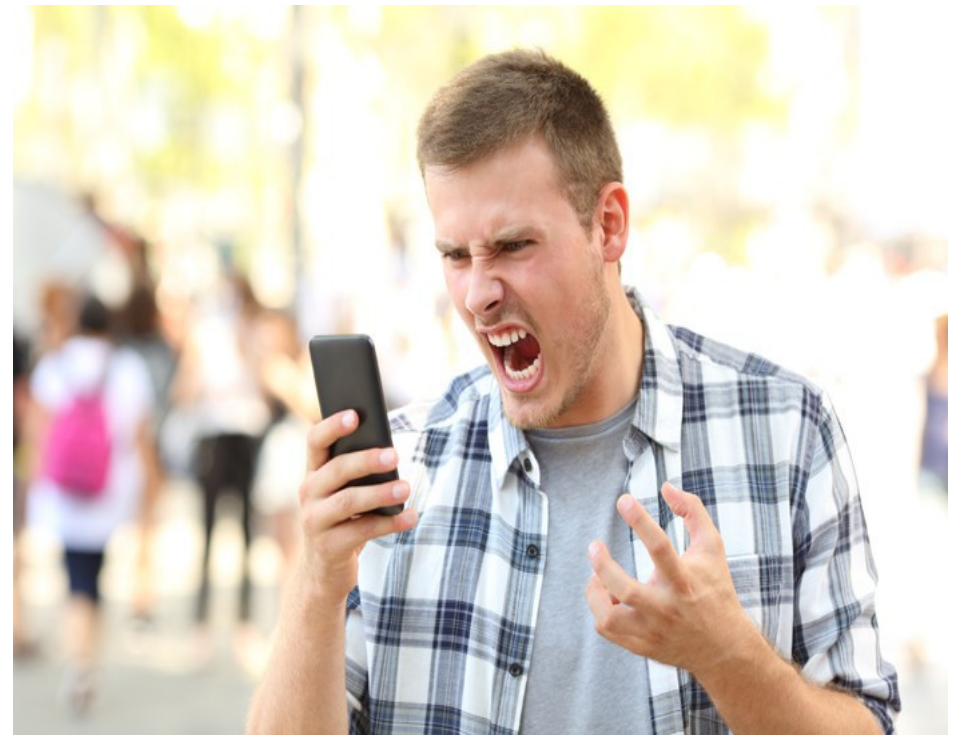
[GIFSec.com](http://GIFSec.com)

# iPhone apps for business



# Talk to your phone

Voice recognition has gotten pretty reasonable for texting and finding things on your phone.



# Talk to your phone

Hey Siri, Driving directions to home.

Hey Siri, tell Julie Berry I will be home at 5:30.

Hey Siri, set a reminder to check the laundry when I get home.

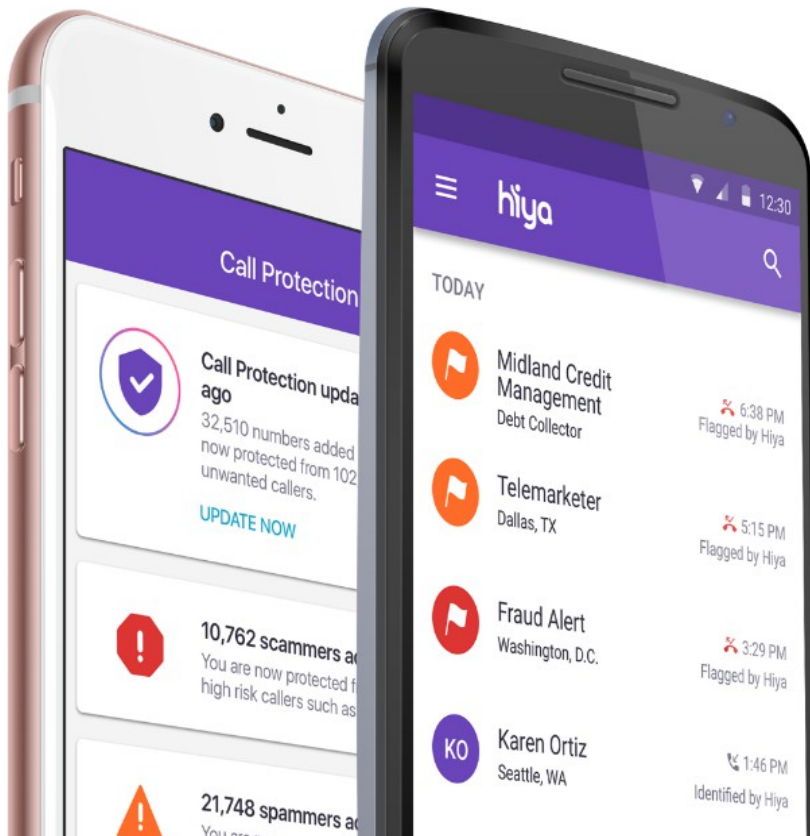
# Hiya.com

# Manage spam phone calls



United States

[About](#) [Download](#) [Partners](#) [For Businesses](#) [Careers](#) [Privacy](#) [Robocall Report](#)



## Hiya for Android & iOS

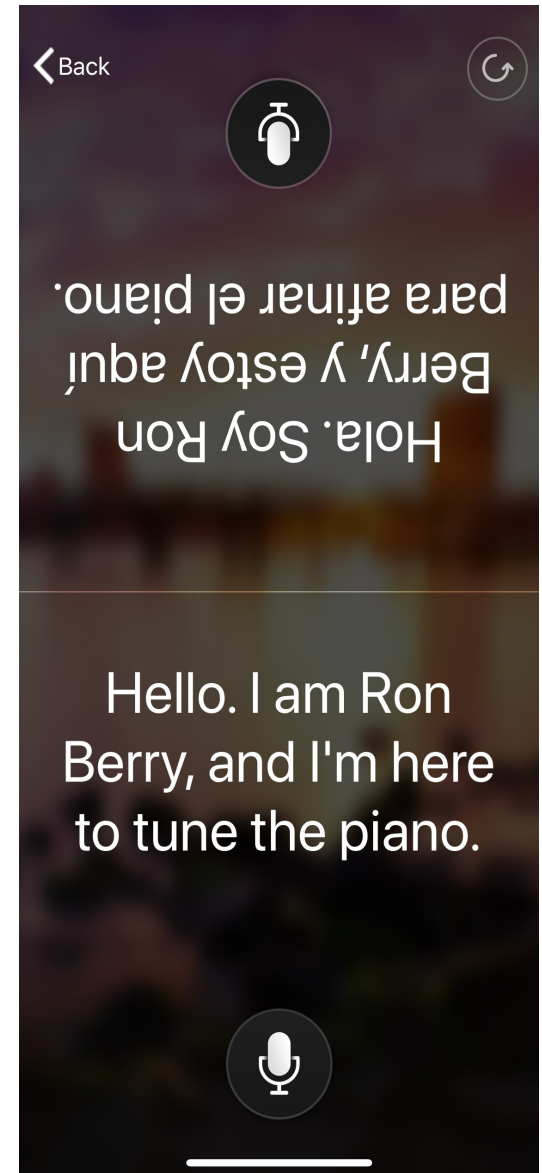
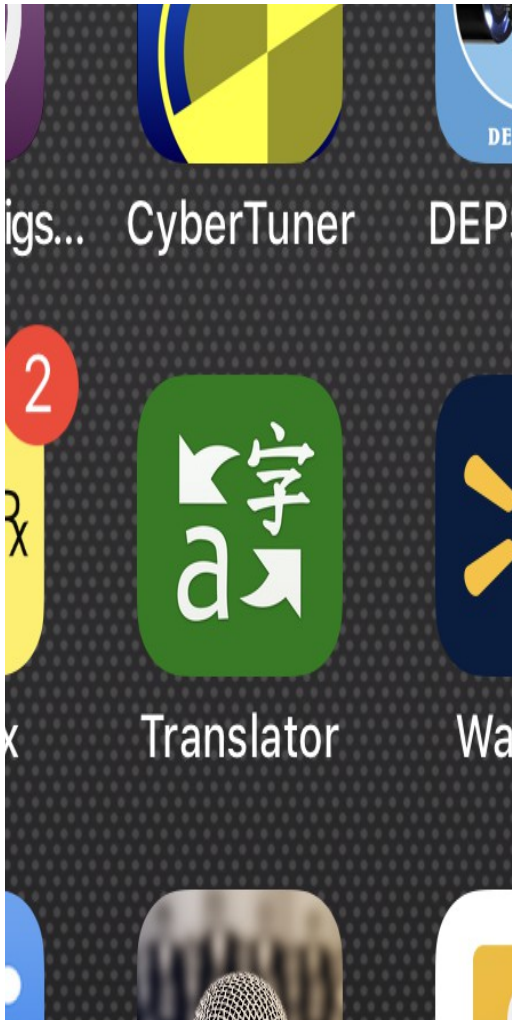
Hiya Caller ID & Block identifies calls you want to take and blocks the numbers you want to avoid. Users benefit from caller ID, call management options like auto-blocking, and reverse phone lookup capabilities.

[DOWNLOAD](#)



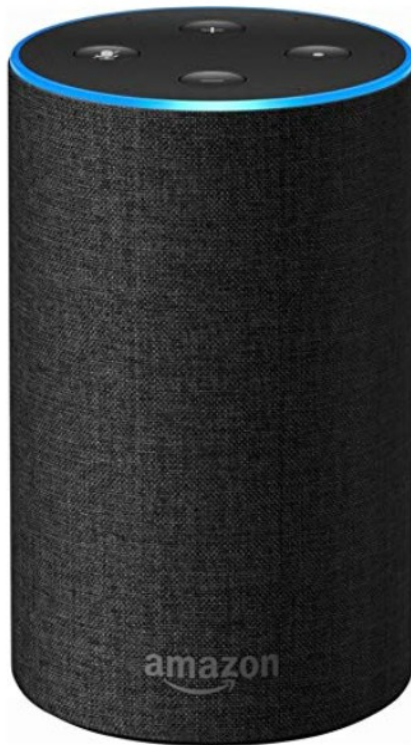
# Translator App

This app translates your spoken work to another language and can operate in dual mode where each person can tap the microphone icon and talk in their own language. It then translates and speaks as well as the written translation. Works in many languages.

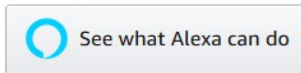


# Amazon Echo Alexa

Do more with Alexa. [Learn more](#) about Alexa features you can use with Echo every day.



Roll over image to zoom in



## Echo (2nd Generation) - Smart speaker with Alexa - Charcoal Fabric

by Amazon

★★★★☆ 36,043 customer reviews

| 1000+ answered questions

Amazon's Choice for "echo"

Price: **\$99.99** ✓prime

or 5 monthly payments of \$20.00

**Buy 2 and save \$30.** Discount reflected in Cart. [Terms and conditions](#)

FREE Delivery by **Tuesday**  
if you order within 6 hrs. [Details](#)

**In Stock.**

Ships from and sold by Amazon Digital Services LLC. Gift-wrap available.

Color: **Charcoal Fabric**



Configuration: **Echo**

**Echo**

Echo Stereo Pair + Echo Sub

With \$15 TP-Link Smart Plug

With \$20 Smart Lighting Kit

• Echo connects to Alexa to play music, read the news, set

Share 42K+ Shares

**5 monthly payments:**  
\$20.00/mo. (\$99.99 / 5 mo.)

**One-time payment:**  
**\$99.99**

Upgrade and save with Trade-In

Qty: 1

Add to Cart

Buy Now

This is a gift, do not link to my account.

[Why is this important?](#)

Deliver to Ron - Indianapolis 46220

— Add Additional Items —

Warranty and Accident Protection  
(delivered via e-mail): **3 year \$49.99**

**\$14.99**



Links



ENG

17:59  
US

1/6/2019



# Alexa

Alexa, add milk to my shopping list

Alexa, play my Pandora stations

Alexa set a timer for 10 minutes.

Alexa turn on the lights.

Alexa, play my flash briefing.

Alexa, tell me a joke

Alexa, Play "Stairway to Heaven"

Alexa, Play WFYI on TuneIn

Alexa, Good night

# Echo Clock

Alexa timers show on clock. This shows 55 minute, 20 minute and 10 minute timers.



# Ring.com

## Video Doorbell

Call ID for you home. Motion sensors start when someone walk up and notifies you on your phone. You can talk to them from anywhere.

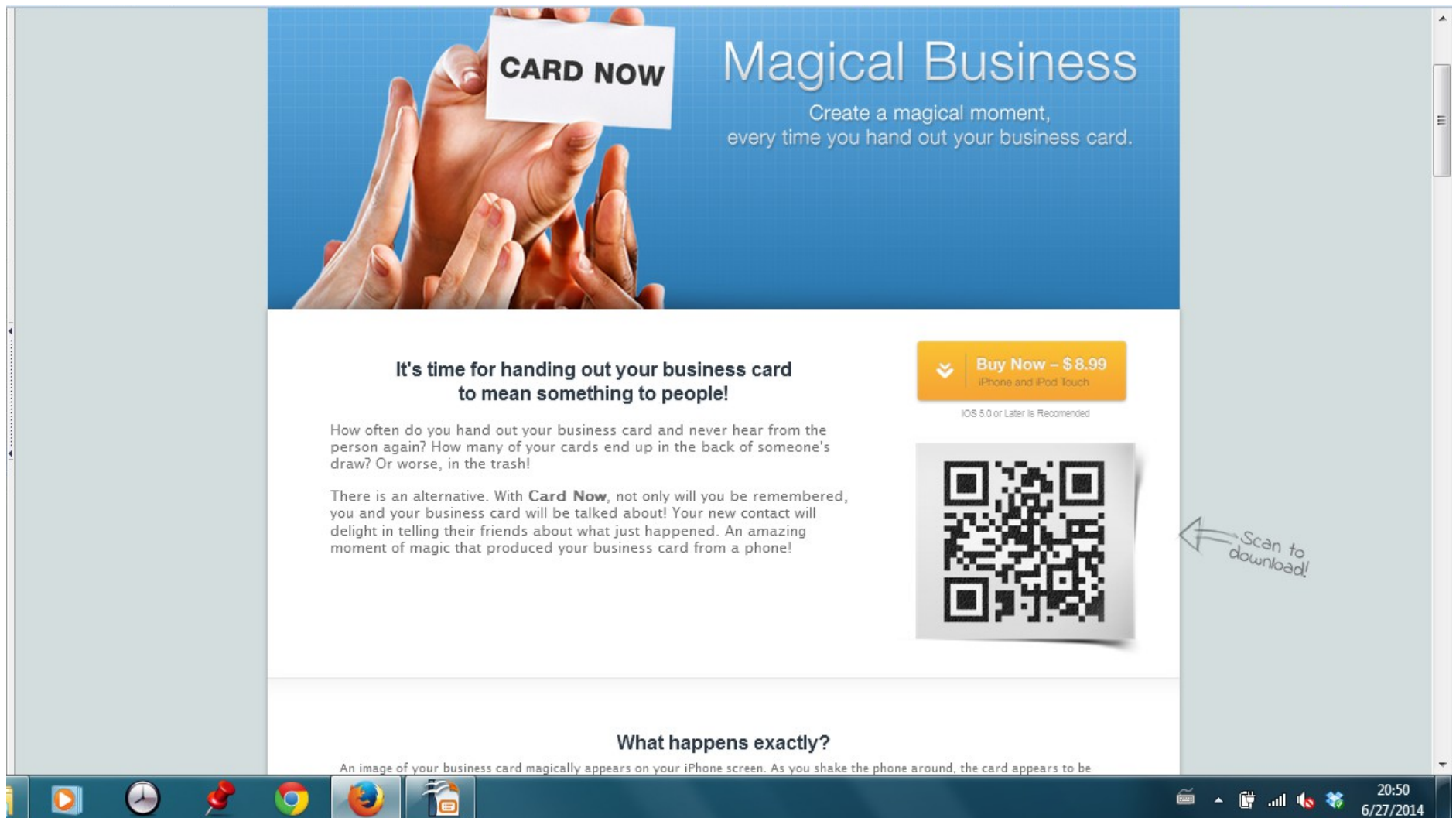
The screenshot shows the Ring.com website interface. At the top, there is a navigation bar with the Ring logo and links for Products, Protect Plans, Neighbors, RingTV, Help, and Shop. On the right side of the navigation bar, there are links for Login and a Cart icon. The main content area features a large banner image of a modern front door with a Ring Video Doorbell installed. The text on the banner reads "Video Doorbells" and "See, hear and speak to people at your door from your phone, tablet and PC." Below the banner, there is a section titled "Doorbells at a Glance" which displays four product cards:

- Video Doorbell**: \$99.99. Description: Battery-powered Video Doorbell. Works on every home.
- Video Doorbell 2**: \$199.00. Description: Next-gen Video Doorbell with enhanced video resolution and quick release battery.
- Video Doorbell Pro**: \$249.00. Description: Hardwired doorbell with advanced security features and a clock design.
- Video Doorbell Elite**: \$499.00. Description: A professional-grade, flush-mount doorbell hardwired with Power over Ethernet.

At the bottom of the screenshot, a Windows taskbar is visible, showing various application icons and the system tray with the date 1/6/2019 and time 18:03.

# Card Now

“Print” Business cards from your phone. This is a fun app that make people remember the time you gave them a business card.



The screenshot shows a desktop monitor displaying the Card Now app advertisement. The background of the ad is a blue grid with a central image of hands holding a white card that says "CARD NOW". To the right of the image, the text reads "Magical Business" in a large, white, sans-serif font, followed by "Create a magical moment, every time you hand out your business card." in a smaller, white, sans-serif font.

Below the main image, the text reads: "It's time for handing out your business card to mean something to people!". This is followed by two paragraphs of text: "How often do you hand out your business card and never hear from the person again? How many of your cards end up in the back of someone's draw? Or worse, in the trash!" and "There is an alternative. With Card Now, not only will you be remembered, you and your business card will be talked about! Your new contact will delight in telling their friends about what just happened. An amazing moment of magic that produced your business card from a phone!".

To the right of the text, there is a yellow button with a downward arrow icon and the text "Buy Now - \$8.99" and "iPhone and iPod Touch". Below the button, it says "iOS 5.0 or Later is Recommended".

Below the button is a QR code on a white card with a shadow. To the right of the QR code, there is a hand-drawn arrow pointing left with the text "Scan to download!".

At the bottom of the ad, the text reads "What happens exactly?" followed by "An image of your business card magically appears on your iPhone screen. As you shake the phone around, the card appears to be".

The desktop taskbar at the bottom of the monitor shows various icons including a play button, a clock, a red pushpin, a Chrome browser icon, a Firefox browser icon, and a Card Now app icon. The system tray on the right shows the time "20:50" and the date "6/27/2014".

# Wireless charging Qi (Chi)

Many new phones have wireless charging capability built in. There are add on cases that add the wireless charging to older phones.



Holds phone in car and charges it.

Wireless charging is not a necessity but is very convenient

# Wireless Charging



Qi Wireless Charge +2 USB Ports  
20000 mAh



Extra battery pack to carry with you for emergency charging. This one charges wirelessly.

Inside curvature keeps microphone and speaker quality clear



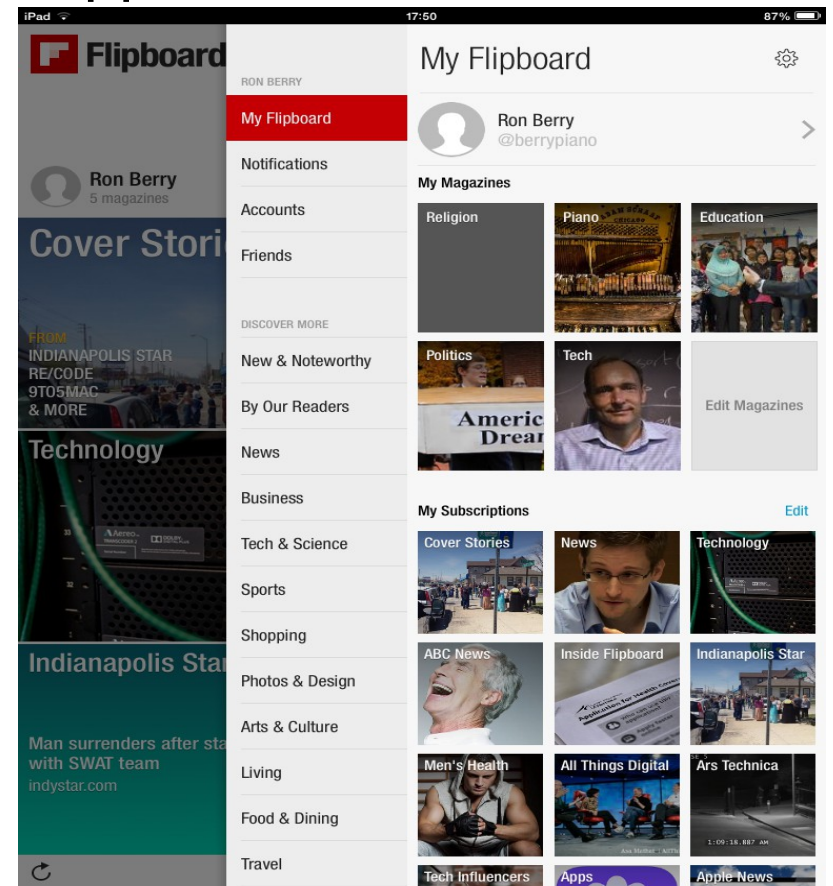
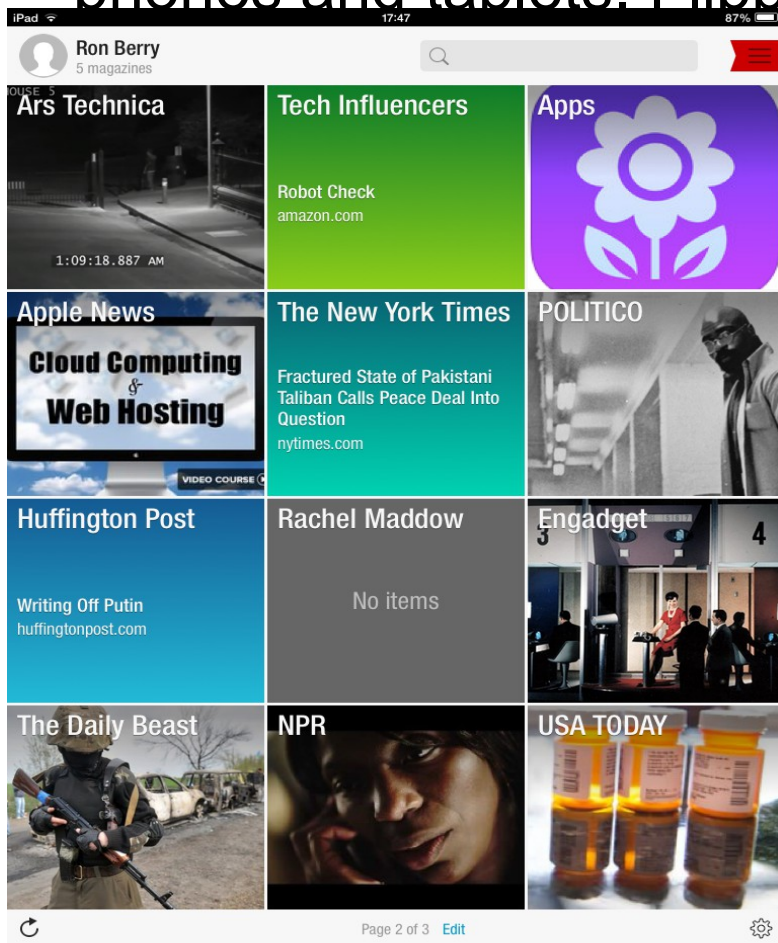
Easily removable smart access Lightning Port cover

An example of a Qi charging case for an older iPhone.



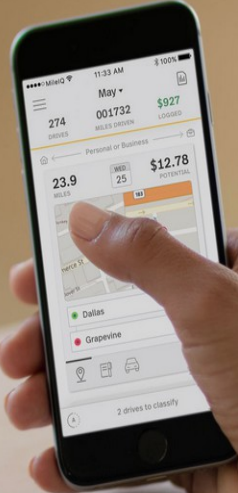
# Flipboard for news works best on iPad

- Allows you to subscribe to feed to numerous new sources. The Apps feed constantly has new free and reduced apps for phones and tablets. Flipboard is in app store.



# MileIQ

## Track your miles painlessly



The image shows a hand holding a smartphone displaying the MileIQ app interface. The screen shows a summary for the month of May, including 274 drives, 001732 miles driven, and a total of \$927. It also displays a potential savings of \$12.78. A map shows a route between Dallas and Grapevine. At the bottom, it indicates '2 drives to classify'.

**MileIQ**

How It Works | Blog | Dashboard Login | SIGN UP

# MileIQ

Stress-free logging. Accurate mileage reports. All in the palm of your hand.

Sign up for MileIQ

AVAILABLE ON THE App Store

GET IT ON Google Play



**28.5 billion+**  
miles logged

“ This app has made my independent contractor life so much easier! One less thing to worry about! Thank you @MileIQ ”  
–Cisco A., Twitter Review

**4.5** ★★★★★

average rating in Apple App Store & Google Play

# MileIQ

## Not free but a great bargain

To get a complete record of every trip without doing anything is worth a lot. It tracks where your phone goes so you need to remember if you rode in a different car. But it can keep track of mileage in more than one car. You can categorize the trips and some categorization can be automated if you make the same trip often.

### Choose Your Subscription Plan

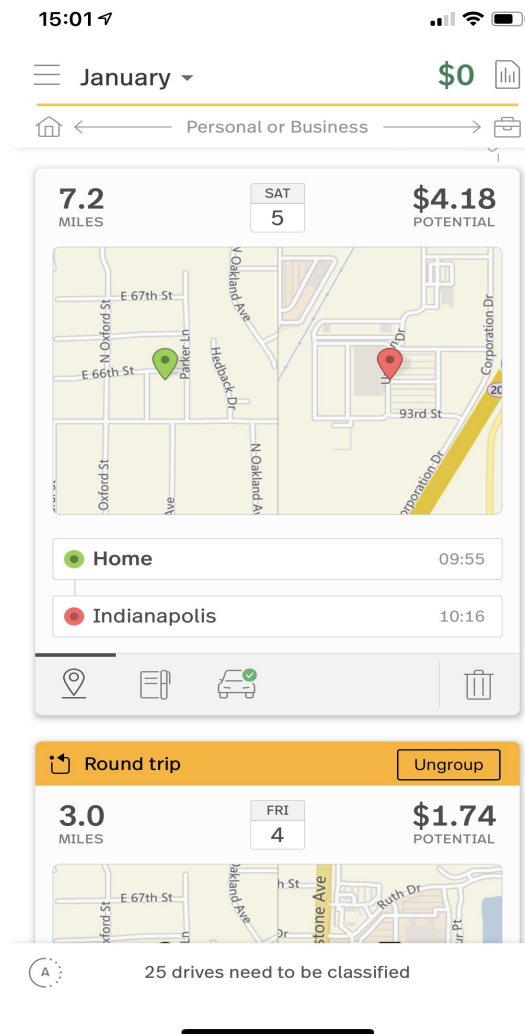
<h4>Basic</h4> <p>40 free drives every month</p> <p>Perfect for moving off your paper mileage log</p> <hr/> <p><b>Free</b> Upgrade Anytime</p>	<h4>Premium</h4> <p>Unlimited drives each month</p> <table><tbody><tr><td><input type="radio"/> MONTHLY</td><td><input checked="" type="radio"/> ANNUAL</td></tr><tr><td>Great for short-term projects and occasional driving</td><td>Best value for automatic logging and reporting</td></tr><tr><td><hr/></td><td><hr/></td></tr><tr><td><b>\$5.99/mo.</b> billed monthly</td><td><b>\$4.99/mo.</b> \$59.99 billed annually</td></tr><tr><td></td><td>★ 20% SAVINGS ★</td></tr></tbody></table>	<input type="radio"/> MONTHLY	<input checked="" type="radio"/> ANNUAL	Great for short-term projects and occasional driving	Best value for automatic logging and reporting	<hr/>	<hr/>	<b>\$5.99/mo.</b> billed monthly	<b>\$4.99/mo.</b> \$59.99 billed annually		★ 20% SAVINGS ★	<h4>Teams</h4> <p>Perfect for companies with employees who drive for work</p> <ul style="list-style-type: none"><li>• Volume discount</li><li>• Single billing</li><li>• Premium support</li><li>• Personalized training</li></ul> <p><a href="#">Learn More</a></p>
<input type="radio"/> MONTHLY	<input checked="" type="radio"/> ANNUAL											
Great for short-term projects and occasional driving	Best value for automatic logging and reporting											
<hr/>	<hr/>											
<b>\$5.99/mo.</b> billed monthly	<b>\$4.99/mo.</b> \$59.99 billed annually											
	★ 20% SAVINGS ★											

Remember, your MileIQ subscription is tax deductible!

# MileIQ

iPhone app

Just swipe left for personal and right for business to categorize the drive.



# MileIQ

Drive information automatically transfers to web based page, where you can manage the data. You can give names to locations that you visit regularly.

267 matching drives · 234 reported [\(exclude\)](#) Sort by Date ▾

<input type="checkbox"/>	4 mi	Hoffman to Home	02:55 -03:11 PM	\$2.32		
<input type="checkbox"/>	4 mi	Home to Hoffman	01:17 -01:30 PM	\$2.32		
<input type="checkbox"/>	4 mi	Home to Home	11:23 -11:46 AM	\$2.32		
<input type="checkbox"/>	8 mi	Indianapolis to Home	11:00 -11:20 AM	\$4.52		
<input checked="" type="checkbox"/>	8 mi	Home to Hamptons at Geist	08:58 -09:20 AM	\$4.41		
<input type="checkbox"/>	2 mi	Broad Ripple to Home	08:41 -08:50 AM	\$1.16		
<input type="checkbox"/>	3 mi	Home to Broad Ripple	07:03 -07:16 AM	\$1.45		
<hr/>						
<input type="checkbox"/>	THURSDAY, JAN 3, 2019			10 drives		
<input type="checkbox"/>	4 mi	Apple Store to Home	09:53 -10:04 PM	\$2.15		
<input type="checkbox"/>	4 mi	Home to Apple Store	06:45 -07:02 PM	\$2.09		
<input type="checkbox"/>	9 mi	Fishers to Home	05:33 -05:59 PM	\$5.34		
<input type="checkbox"/>	20 mi	Indianapolis to Fishers	04:21 -05:30 PM	\$11.66		
<input type="checkbox"/>	2 mi	Home to Ravenswood	03:53 -04:02 PM	\$0.87		
<input type="checkbox"/>	54 mi	Cloverdale to Home	02:11 -03:12 PM	\$31.49		

Friday, January 04, 2019

**7.6 mi** ----- **\$4.41**

Home 08:58 AM  
Hamptons at Geist 09:20 AM

Personal  Business

Distance: 7.6 mi    Parking: \$ 0.00    Toll: \$ 0.00

Ron's

Add notes

[Report](#)

[Duplicate](#) [Delete](#)

# MileIQ

Drives Reports TOUR HELP SETTINGS

Dec 1, 2018 → Today All Drives

1,926 Miles | \$297 Logged | \$441 Potential

Filters

**ALL DRIVES 267**

- Business 77
- Personal 165
- Unclassified 25

136 Personal NO PURPOSE	25 Unclassified	3 Medical (\$)
77 Customer Visit	24 Church	2 Charlie

Search Add a Drive +

267 matching drives · 234 reported (exclude) Sort by Date

SATURDAY, JAN 5, 2019 4 drives


2 mi	Indianapolis to Home	11:48 - 11:53 AM	\$0.93	Home	Business
3 mi	Indianapolis to Indianapolis	11:13 - 11:31 AM	\$1.91	Home	Business
4 mi	Indianapolis to Indianapolis	11:06 - 11:11 AM	\$2.44	Home	Business
7 mi	Home to Indianapolis	09:55 - 10:16 AM	\$4.18	Home	Business

Select drive(s) to edit



























+

Forgot your phone?  
Easily add a drive in a few clicks

# MileIQ

🔍 Add a Drive 

267 matching drives · 234 reported [\(exclude\)](#) Sort by Date ▼

1 mi	Home to Walmart	06:55 - 07:09 PM	\$0.81		
6 mi	Indianapolis to Home	06:33 - 06:51 PM	\$3.25		
6 mi	Home to Indianapolis	05:11 - 05:35 PM	\$3.65		
14 mi	Brittannie's to Home	04:34 - 05:03 PM	\$7.83		
14 mi	Home to Brittannie's	03:48 - 04:14 PM	\$7.89		
4 mi	Hoffman to Home	02:55 - 03:11 PM	\$2.32		
4 mi	Home to Hoffman	01:17 - 01:30 PM	\$2.32		
4 mi	Home to Home	11:23 - 11:46 AM	\$2.32		
8 mi	Indianapolis to Home	11:00 - 11:20 AM	\$4.52		
8 mi	Home to Hamptons at Geist	08:58 - 09:20 AM	\$4.41		
2 mi	Broad Ripple to Home	08:41 - 08:50 AM	\$1.16		
3 mi	Home to Broad Ripple	07:03 - 07:16 AM	\$1.45		
<input type="checkbox"/> THURSDAY, JAN 3, 2019 <span style="float: right;">10 drives</span>					
4 mi	Apple Store to Home	09:53 - 10:04 PM	\$2.15		

Select drive(s) to edit



Forgot your phone?

Easily add a drive in a few clicks.

Add a Drive 

# MileIQ

Reporting function gives you a spreadsheet of all you drives with summaries at the top.

MileIQ\_Mileage 2017.csv - LibreOffice Calc

File Edit View Insert Format Styles Sheet Data Tools Window Help

Liberation Sans 10 0.0

C1:C1048576 0.535

	A	B	C	D	E	F	G	H	
1	rates >>>	business \$	0.535	medical \$		0.17	charity \$	0.14	moving \$
2									
3	SUMMARY								
4									
5	VEHICLE	ODOMETER (START ON	BUSINESS	COMMUTE	PERSONAL (OTHER)	TOTAL DISTANCE	BUSINESS VALUE IN \$	PARKING	
6	Ron's	36493	7773.3	22.3	4308.1	12103.7	4158.72		
7	Van	0	51.9	2.8	3014.1	3068.8	27.77		
8	Missing Vehicle	0	22.4	0	0	22.4	11.98		
9	TOTALS		7847.6	25.1	7322.2	15194.9	4198.47		
10									
11	DETAILED LOG								
12									
13	START_DATE*	END_DATE*	CATEGORY*	START*	STOP*	MILES*	MILES_VALUE	PARKING	
14	01/03/2017 16:03	01/03/2017 16:30	Business	Home	5931 King Lear Dr IN	9	4.82		
15	01/03/2017 16:04	01/03/2017 16:32	Business	Home	5931 King Lear Dr IN	9	4.82		
16	01/04/2017 09:20	01/04/2017 09:27	Business	Home	7900 Allisonville Rd IN	2.7	1.44		
17	01/04/2017 13:22	01/04/2017 13:46	Business	Home	7900 Allisonville Rd IN	9.6	5.14		
18	01/04/2017 15:24	01/04/2017 16:43	Business	Home	1122 N Bolton Ave IN	7.2	3.85		
19	01/04/2017 16:25	01/04/2017 17:31	Business	Home	5531 Armstrong Dr IN	15.2	8.13		
20	01/05/2017 11:03	01/05/2017 11:14	Business	Home	942 E 58th St IN	2.7	1.44		
21	01/05/2017 12:34	01/05/2017 12:42	Business	Home	942 E 58th St IN	3.1	1.66		
22	01/05/2017 13:35	01/05/2017 13:52	Business	Home	North Church	5.5	2.94		
23	01/06/2017 09:37	01/06/2017 09:44	Business	Home	Northminster	1.9	1.02		
24	01/06/2017 14:39	01/06/2017 15:47	Business	Home	Northminster	2.4	1.28		
25	01/06/2017 16:42	01/06/2017 17:55	Business	Home	Park Tudor	3.5	1.87		
26	01/08/2017 07:45	01/08/2017 12:31	Personal	Home	North Church	5.5	0		
27	01/08/2017 12:20	01/08/2017 12:37	Personal	Home	North Church	5.5	0		
28	01/09/2017 09:08	01/09/2017 09:32	Business	Home	Old Bethel	9.6	5.14		
29	01/09/2017 12:20	01/09/2017 12:33	Business	Home	773 N Riley Ave IN	4.1	2.19		
30	01/09/2017 15:17	01/09/2017 15:46	Business	Home	773 N Riley Ave IN	11.6	6.21		
31	01/10/2017 09:04	01/10/2017 09:32	Business	Home	6725 La Tour Circle IN	11.2	5.99		
32	01/10/2017 10:05	01/10/2017 10:34	Business	Home	6725 La Tour Circle IN	11.2	5.99		
33	01/10/2017 12:08	01/10/2017 12:32	Personal	Home	St Vincent	7.4	1.26		
34	01/12/2017 09:00	01/12/2017 09:12	Business	Home	IHC	3.4	1.82		
35	01/12/2017 14:03	01/12/2017 14:29	Business	Home	IHC	10.2	5.46		
36	01/12/2017 16:05	01/12/2017 16:24	Business	Home	8285 Redbud Ln IN	7.2	3.85		
37	01/12/2017 17:06	01/12/2017 17:22	Personal	Home	North Church	5.5	0		

Properties

Style: Default

Character: Liberation Sans 10

Number Format: General 0.0

Alignment: Merge cell, Wrap text

Cell Appearance: Background



# Finish records at the home

By using cloud based services you can finish your record keeping in your car before you leave the home.



# Finish Records at the Home

Your online scheduling keeps records of service you did. Add piano data to it.

Square invoice records either for billing or recording a payment you received by cash or check.

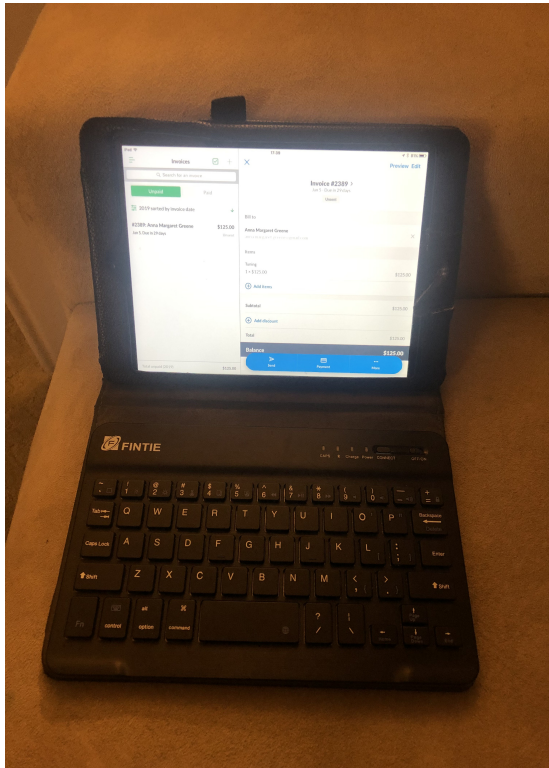
Square will process your credit card payments.

Use your bank app to deposit checks using the phone camera. I keep a notebook with the names and amounts of checks and I have a stamp to sign the checks.

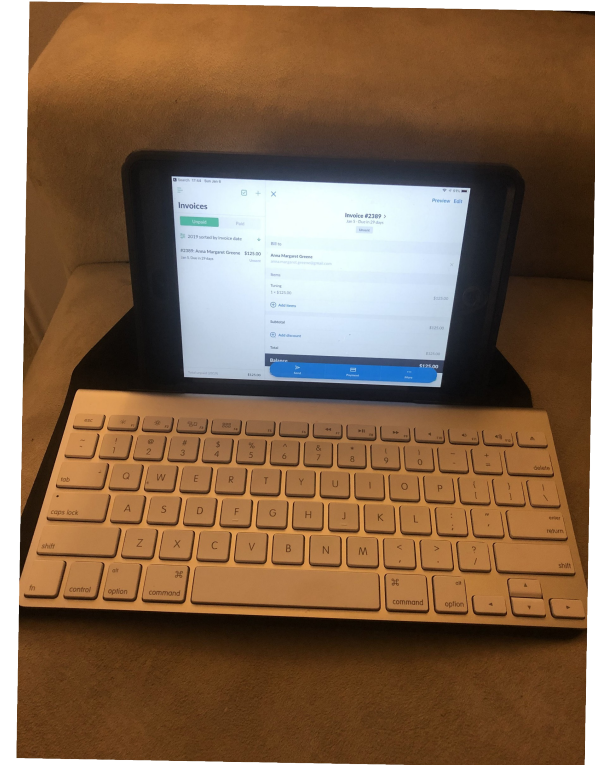
A bluetooth keyboard will make data entry easier for a phone or iPad.

# Finish Records at Home

Bluetooth Keyboards for use with iPad or Phone



iPad mini case with small keyboard magnetically attached to case. Only makes the case slightly thicker.



Apple keyboard with cover that opens into a stand for iPad. Very light and thin to carry.

# Square Credit Card processing

[squareup.com/](https://squareup.com/)

 Square

  
Square Register

  
Square Wallet

Sign In

Start accepting credit cards today.

Sign up and we'll mail you a free Mobile Card Reader.

Get Free Card Reader



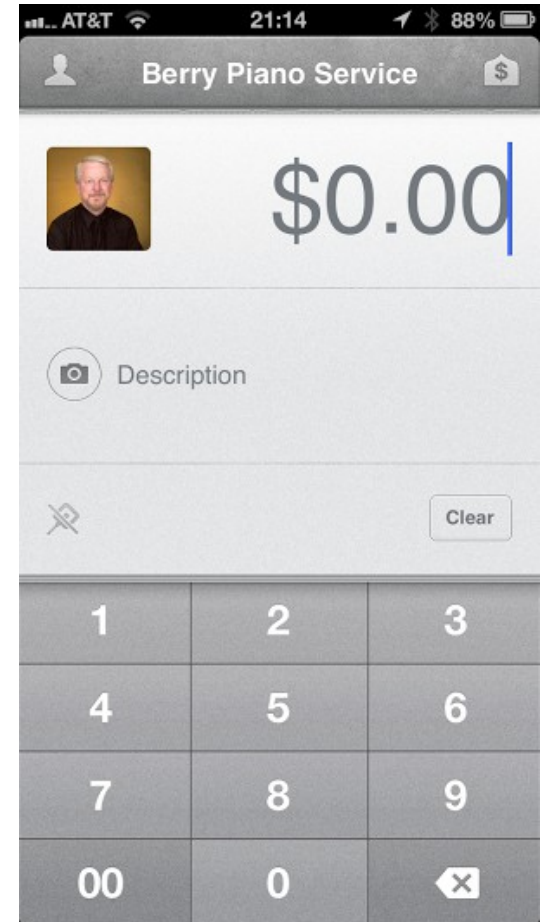
2.75% per swipe, no additional fees,

# Square

Enter amount of Sale

Type in description with customer's name

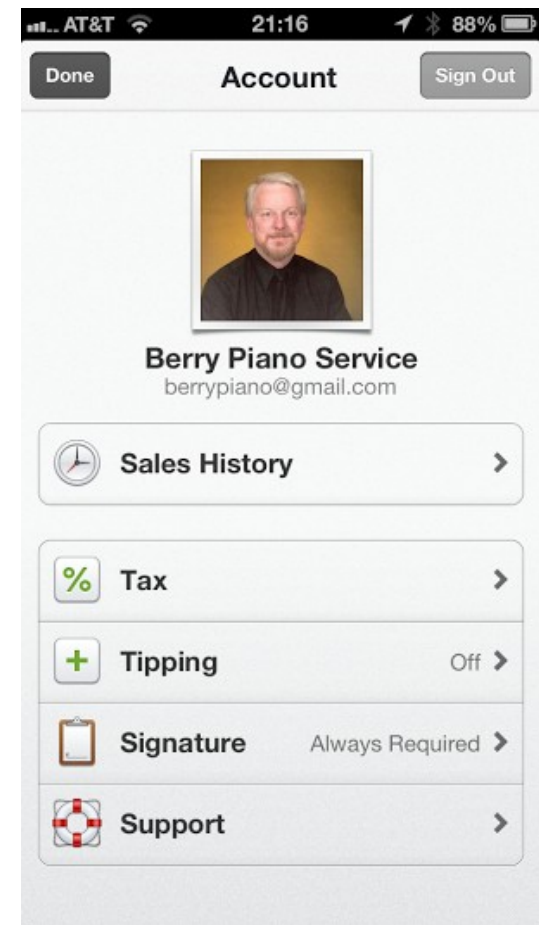
Click camera icon to take picture of your paper receipt to make it a permanent part of the electronic transaction.



# Square

Set up your account.

Do you charge sales tax?

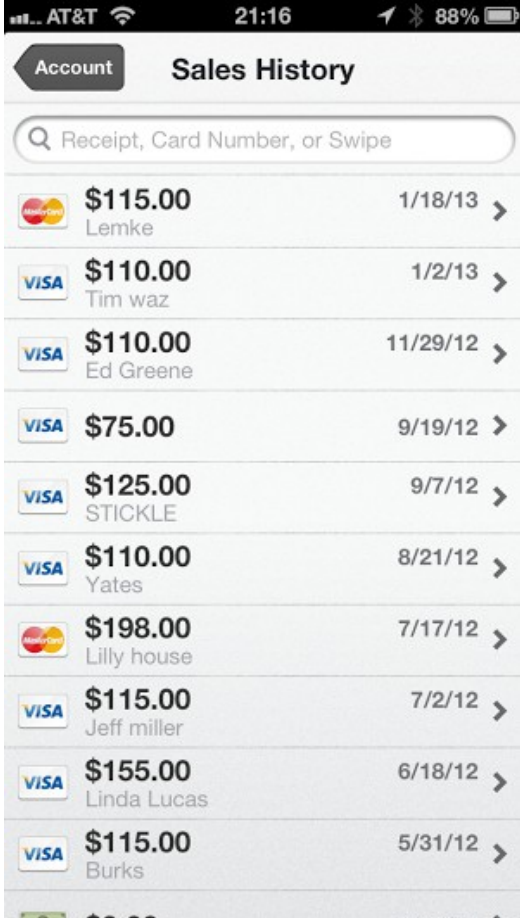


# Square

Sales history can be seen on the phone or at the Squareup.com web site.

Square has just recently added invoicing to their services. You can send an invoice they can pay with credit card using Square.

So far the invoicing on Square is less complete than invoice to go for sending invoices by email.



The screenshot shows the Square mobile app interface. At the top, there's a status bar with 'AT&T', signal strength, Wi-Fi, time '21:16', location, Bluetooth, and battery '88%'. Below that, there are two tabs: 'Account' and 'Sales History', with 'Sales History' selected. A search bar contains the text 'Receipt, Card Number, or Swipe'. The main content is a list of transactions, each with a card icon, amount, merchant name, and date, followed by a right-pointing arrow.




Card Type	Amount	Merchant Name	Date
MasterCard	\$115.00	Lemke	1/18/13
VISA	\$110.00	Tim waz	1/2/13
VISA	\$110.00	Ed Greene	11/29/12
VISA	\$75.00		9/19/12
VISA	\$125.00	STICKLE	9/7/12
VISA	\$110.00	Yates	8/21/12
MasterCard	\$198.00	Lilly house	7/17/12
VISA	\$115.00	Jeff miller	7/2/12
VISA	\$155.00	Linda Lucas	6/18/12
VISA	\$115.00	Burks	5/31/12

# Square Invoices


Square has a invoicing system where you can send invoices from your phone. Customers have the option of paying right from that invoice using a credit card or paypal.




# Square Invoices

09:32   

Press Button on Reader - Learn More

 <sup>3</sup> Invoices

 Search Filter: All Sent

**\$4,892.50**  
Paid — Last 30 days

**\$1,050.00** **\$0.00**  
Outstanding Drafts

---

THURSDAY, MAY 23, 2019

<b>SKILES TEST SCHOOL</b> #003115	\$125.00 Unpaid	>
<b>Dale Caldwell</b> #003114	\$125.00 Unpaid	>

---




WEDNESDAY, MAY 22, 2019


<b>David &amp; Cathleen Perry</b> #003113	\$225.00 Paid	>
--	------------------	---

---

TUESDAY, MAY 21, 2019

<b>Gary Jeriha</b> #003112	\$225.00 Unpaid	>
<b>Susan Hacker</b>	\$125.00	>

09:33   

 Create Invoice Send

---

CUSTOMER

[Add Customer](#)

---

LINE ITEMS

[Add Item or Discount](#)

---

INVOICE DETAILS

Invoice Method Share Invoice by Email >

---

Frequency One Time >

---

Send Immediately >


---

Due 30 days (Jun 24, 2019) >

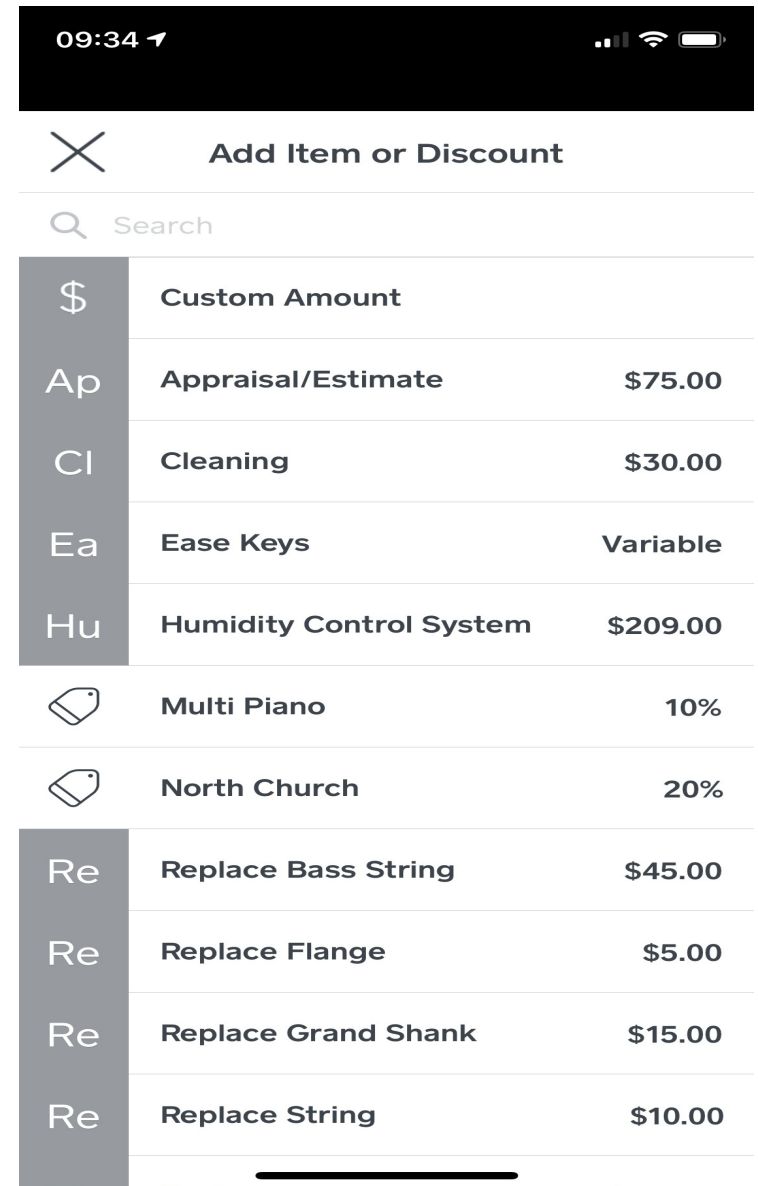
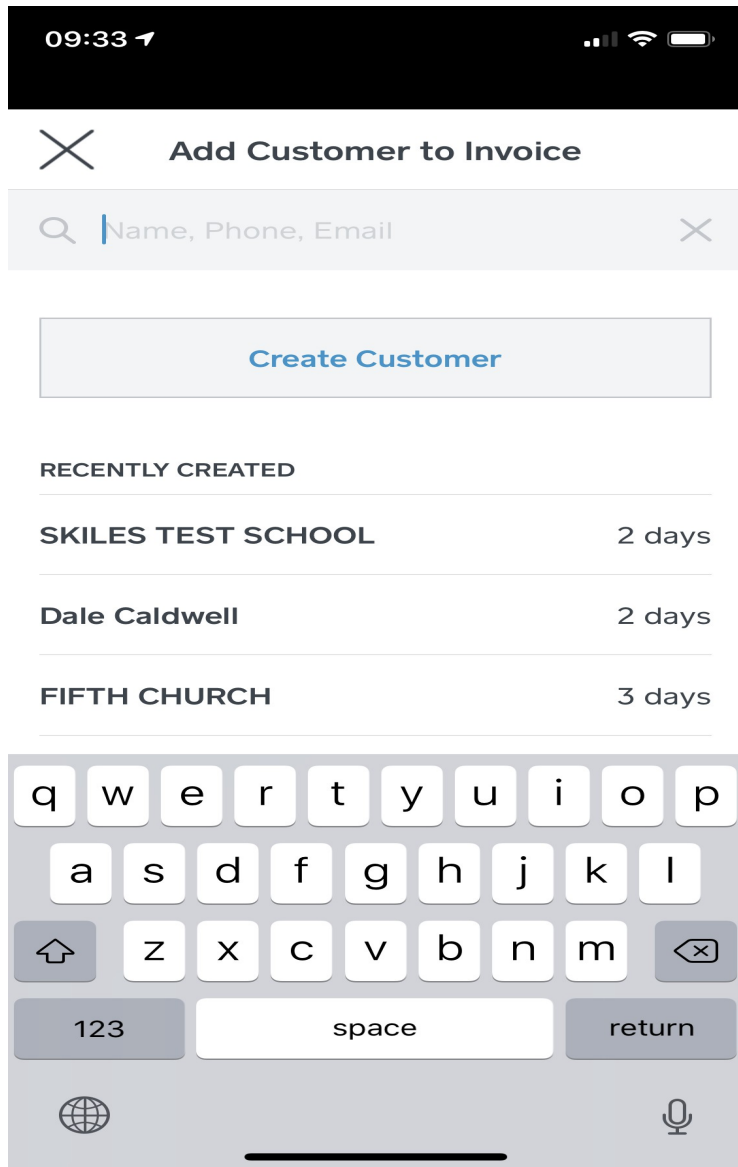
---

Reminders On >

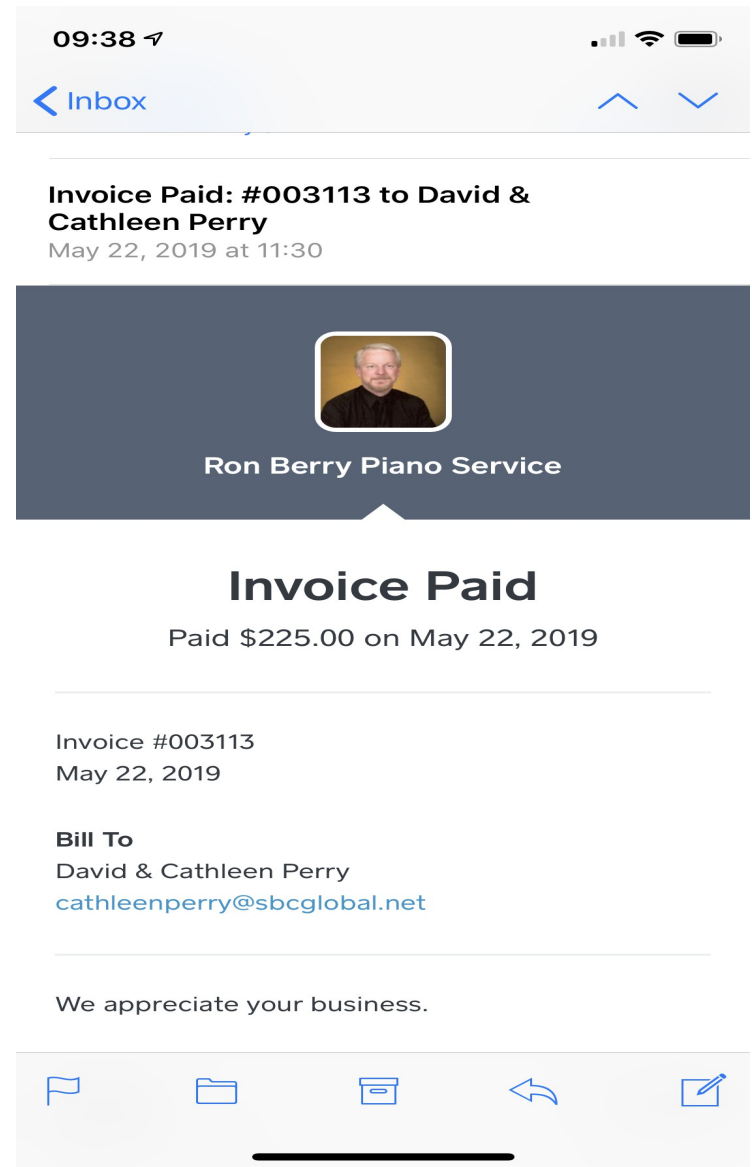
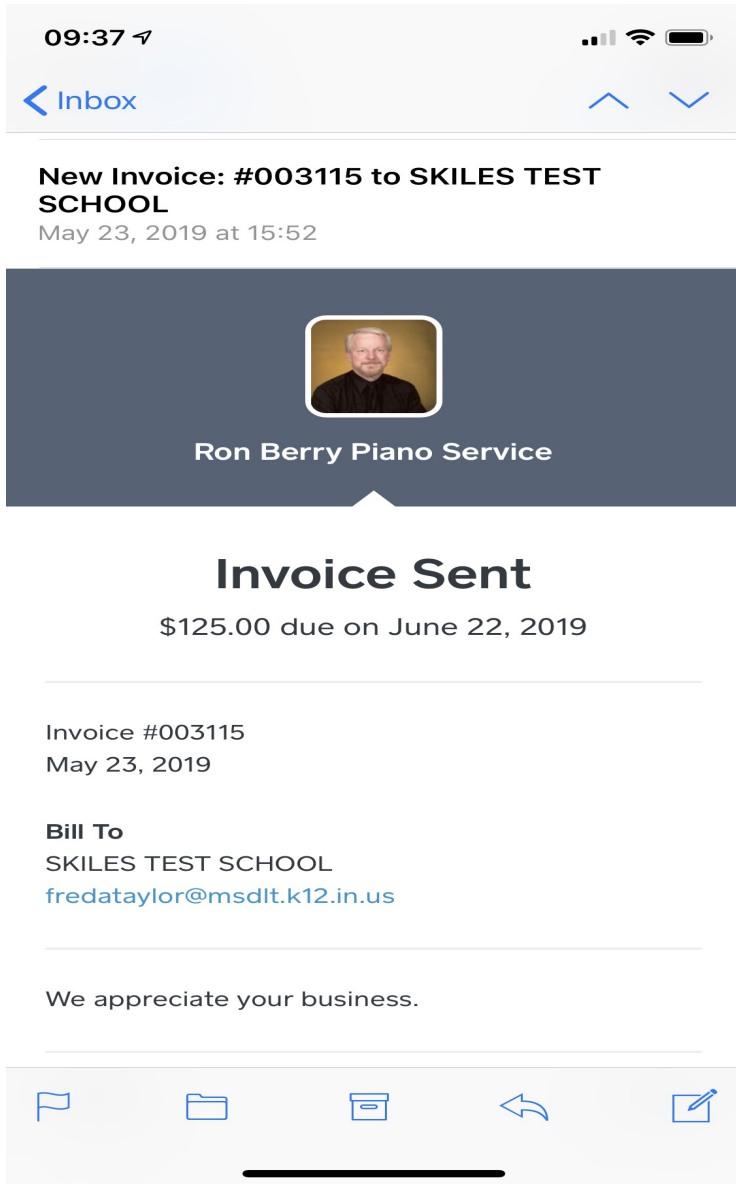
---

New! Schedule Payment Reminders  
Scroll down to try it out 

# Square Invoices



# Square Invoices



# Square Invoices

There is a dashboard on you computer as well to manage payments and invoices.

☰ Invoices 📄 [Setup Guide](#) 🔍 🔔 ⓘ Ronald Berry

- Invoices
- Recurring
- Estimates
- Reports
- Settings ▾

**\$4,892.50**

PAID (33) (LAST 30 DAYS) >

**\$1,050.00**

OUTSTANDING (7) >

**\$0.00**

DRAFTS (0) >

🔍 Search invoices All Invoices ▾ All Time ▾ Export Create Invoice

Date	Customer	ID	Title	Status	Amount
05/23/2019	SKILES TEST SCHOOL	003115 Not viewed		Unpaid Due in 28 days	\$125.00
05/23/2019	Dale Caldwell	003114 Viewed		Unpaid Due in 28 days	\$125.00
05/22/2019	David & Cathleen Perry	003113 Not viewed		Paid On 05/22/20...	\$225.00
05/21/2019	Gary Jeriha	003112 Viewed		Unpaid Due in 26 days	\$225.00
05/21/2019	Susan Hacker	003111 Not viewed		Paid On 05/21/20...	\$125.00
05/20/2019	Jason Quick	003110		Paid	\$125.00

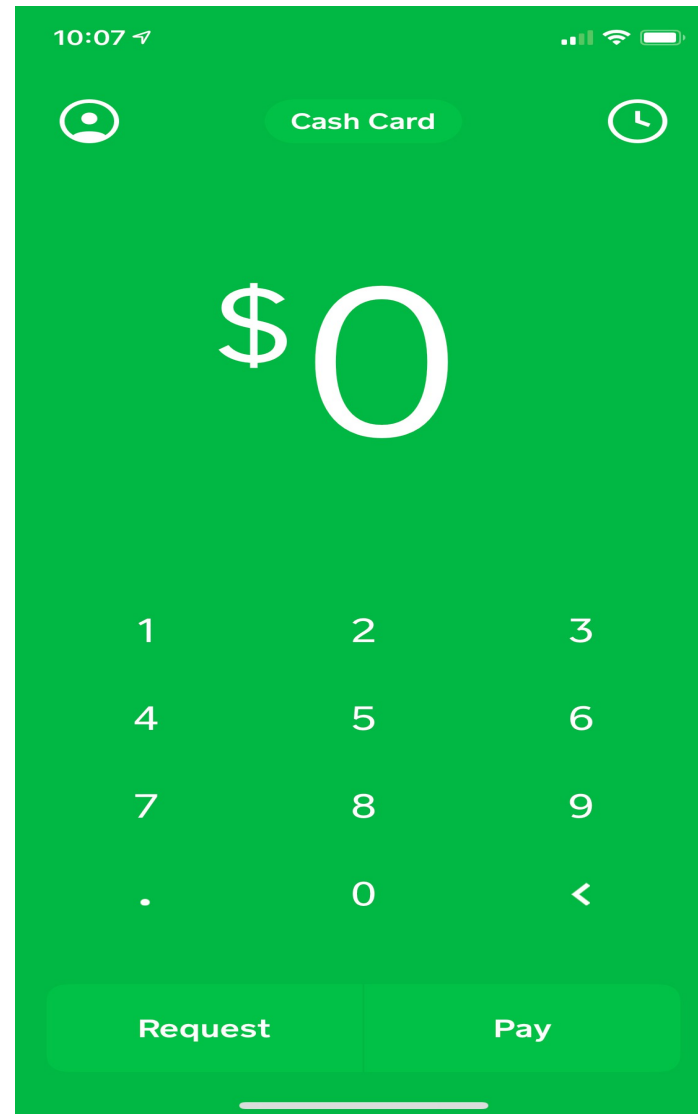
# Square Cash

Square has an app to transfer money between bank accounts for no fee.

It is meant for personal transactions.

If you have a square account you have already given it your bank account info. The recipient has to give it bank info also but you never see that. Transfers are protected by a PIN number or your fingerprint/FaceID on your phone.

# Square Cash App



# Find my Phone

[icloud.com](http://icloud.com)



# Find my Phone







# Find or erase your phone

The screenshot displays the 'Find My' app interface for an iPhone 5. At the top, a 'Devices' tab is active, showing a list with one device: 'Ron Berry's iPhone 5'. The main area is a map with a green dot indicating the device's location on E 65th St. A control panel is overlaid on the right side of the map, featuring a photo of the iPhone 5, the text 'Ron Berry's iPhone 5' and 'Located 2 minutes ago', and three buttons: 'Play Sound', 'Lost Mode', and 'Erase iPhone'. At the bottom right, there are map style selection buttons for 'Standard', 'Satellite', and 'Hybrid'. The map shows a residential area with streets like E 71st St, E 67th St, and E 65th St, and landmarks such as Broad Ripple Park and Broad Ripple Magnet High School.

# Find your wife

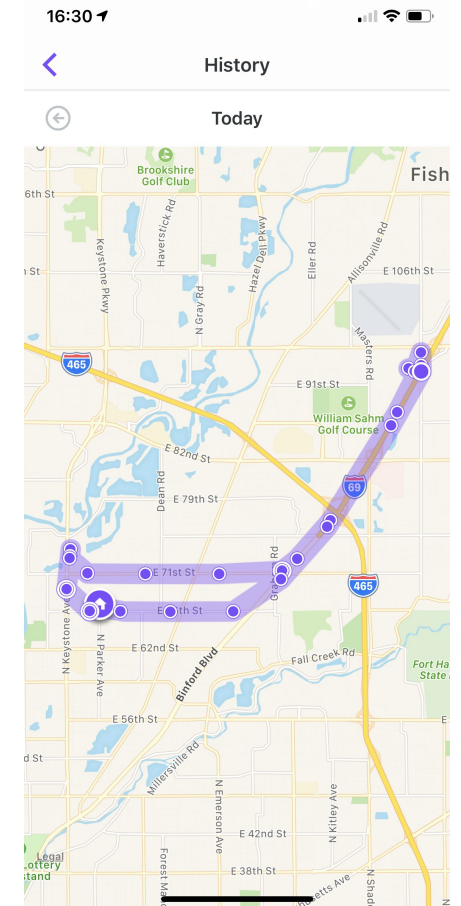
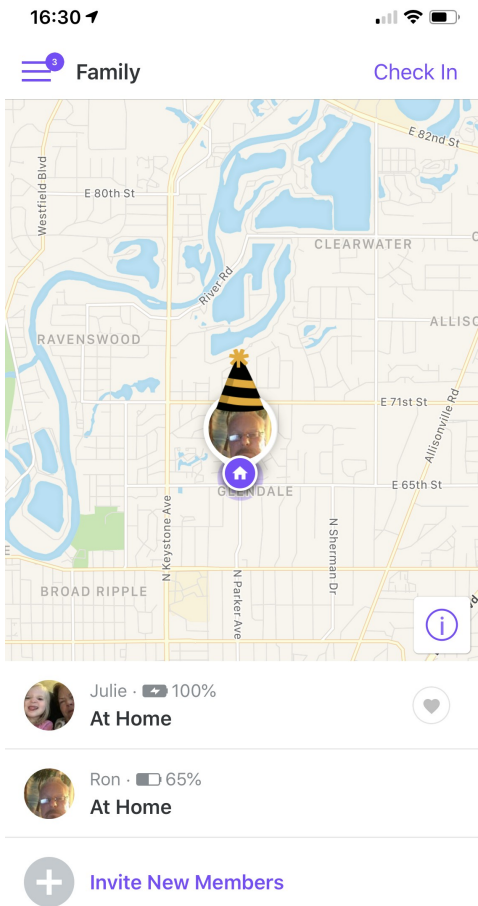


# Life360

## Find my friends for non Apple people

Life360 tracks your family and friends. It keeps track of where they are, where they have been and their battery status. This is a Microsoft product that works for all smart phones.

Free with in app purchases for additional features.



# Glympse.com

## Send your location to your customers

Update: Innovative Location Sharing Technology Now Available Via New Glympse Platform

9:48 Friday, June 28th

**Glympse**

[What is Glympse?](#)

[Get Glympse](#)

[Help](#)

[Partners](#)

[Developers](#)

available now  
**Get Glympse for  
Android Phone**



Download from:

[Google Play](#)

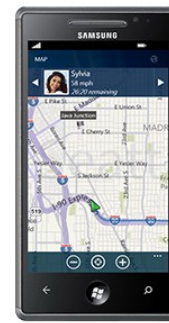
available now  
**Get Glympse for  
iPhone**



Download from:

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available now  
**Get Glympse for  
WinPhone 7/8**



Download from:

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**Get Glympse for  
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[Click here to get Glympse for  
your Windows® Mobile phone](#)

[About Glympse](#)

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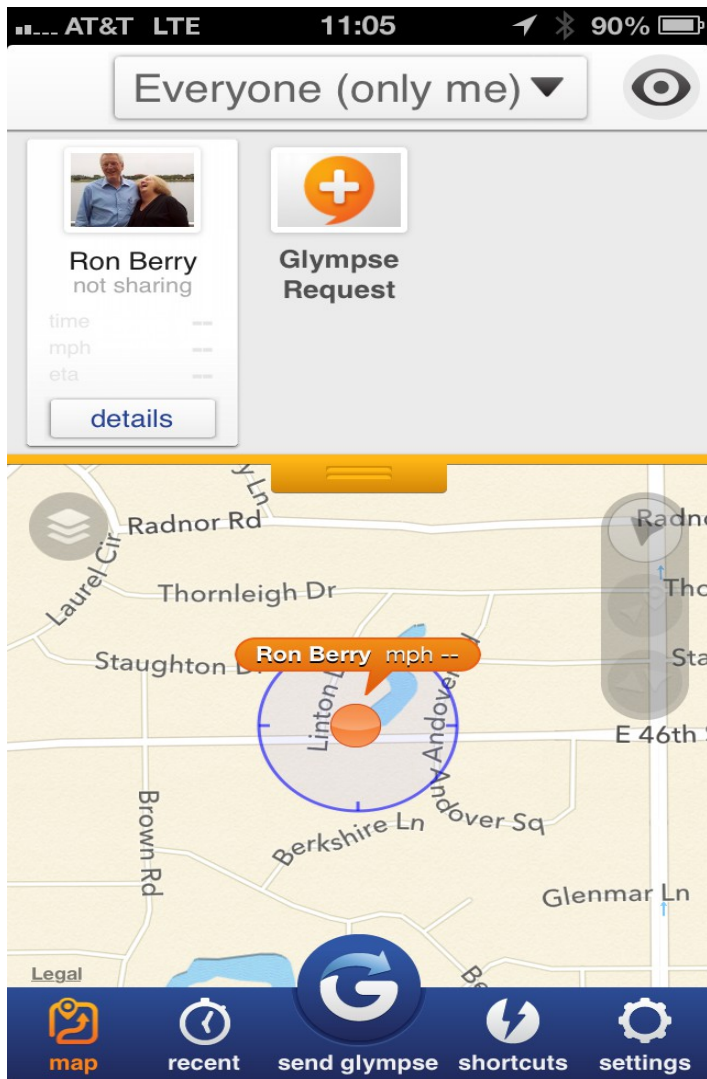
[Contact Us](#)

[Terms of Use](#)

[Privacy Policy](#)

[© Glympse Inc 2012](#)

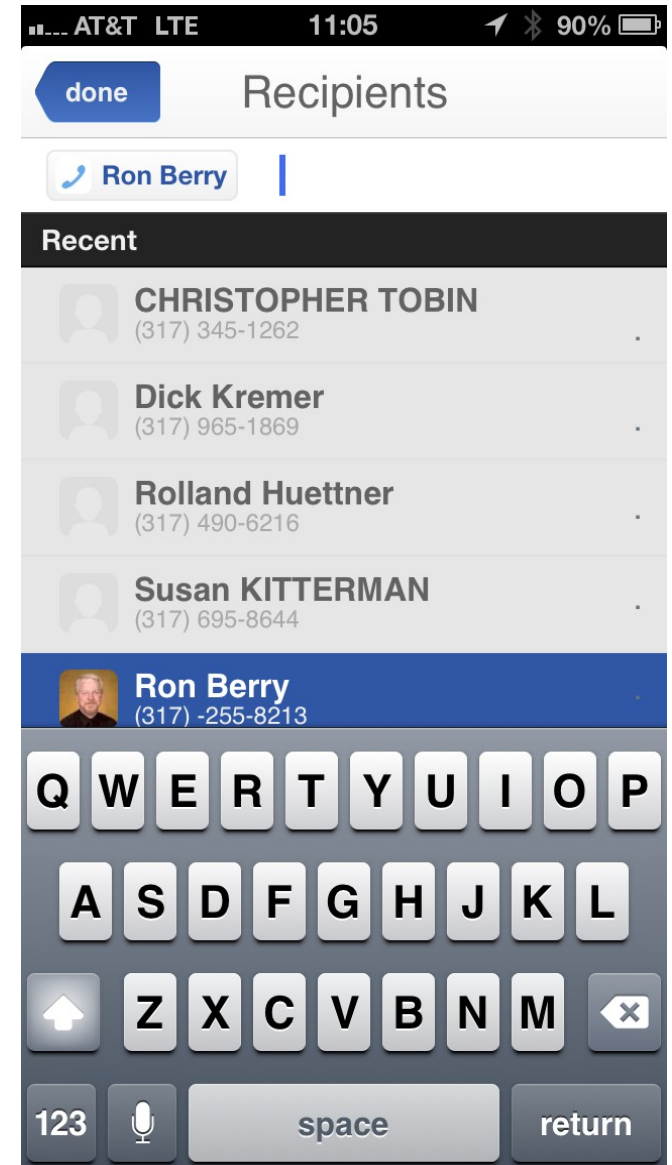
# Glympse selecting recipient



Shows your current location

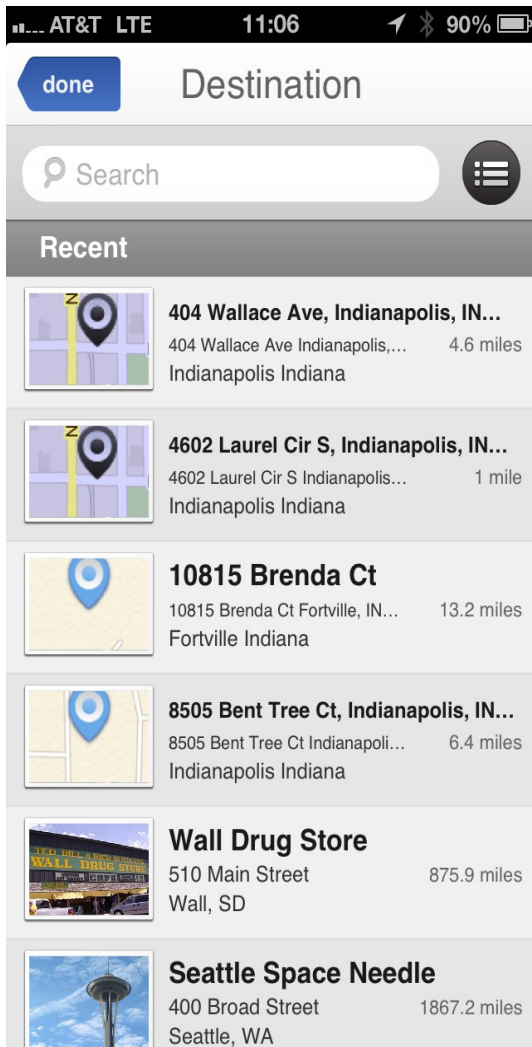
Then select who to send your glympse from among your contacts.

They must have a smartphone if sending a text but they don't need to install the app.



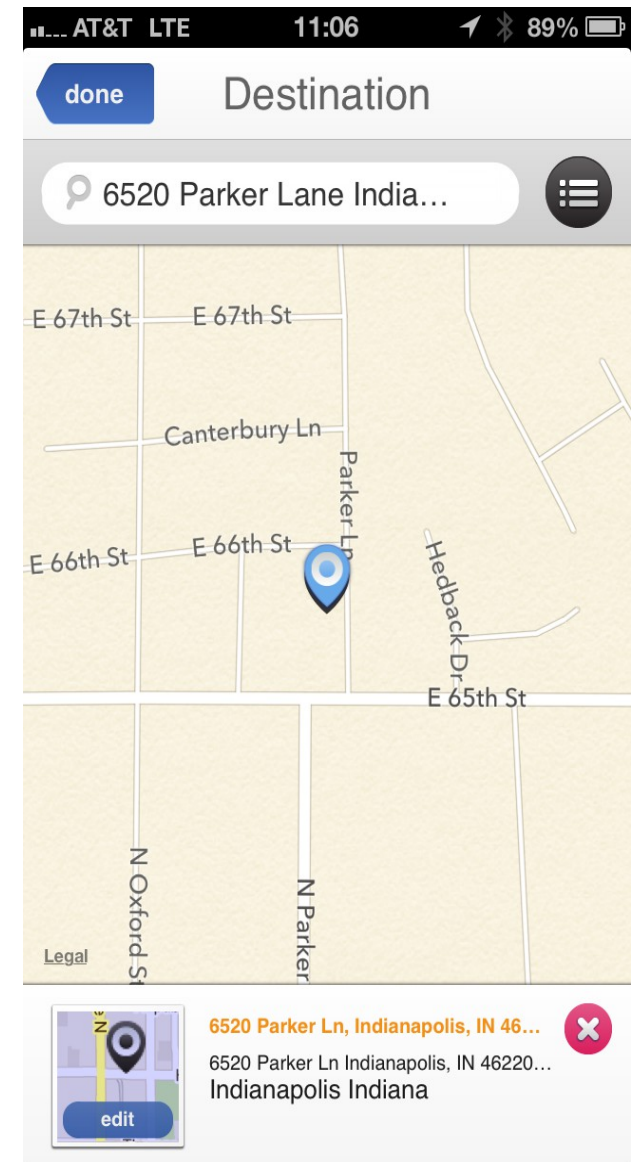
# Glympse

## Select destination



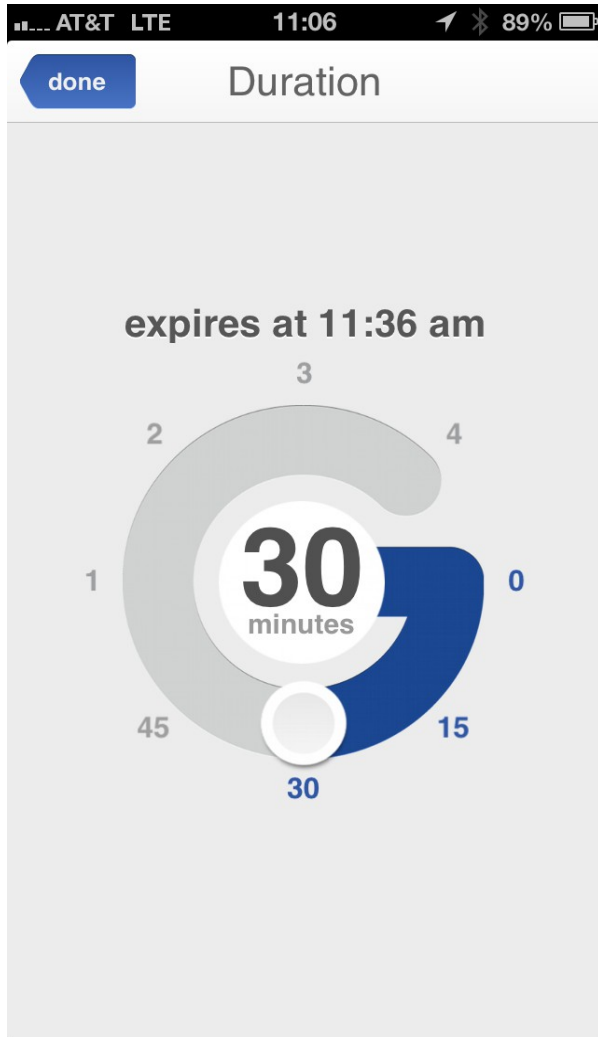
Select the destination you are travelling to. This is usually your customer.

By providing destination, the app sends them an ETA based on your current location and speed.



# Glympse

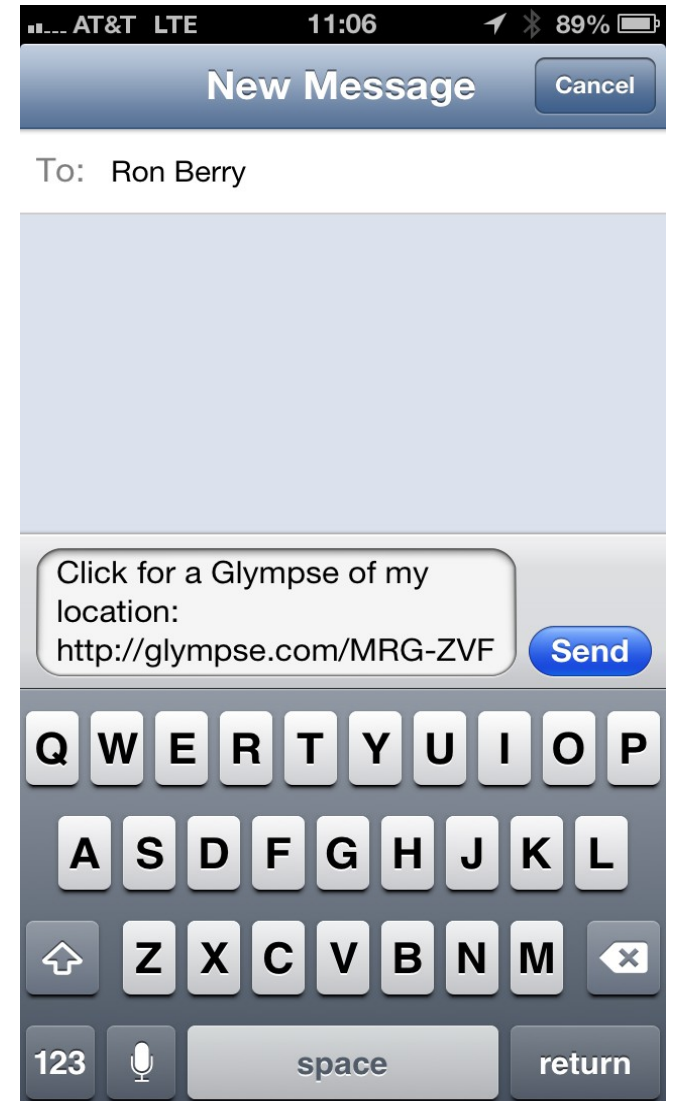
## Select duration, create message



Select how long you want to be tracked.

It then creates a text or email with a link to your tracking data.

This only shares with the person you select for the time period you select.

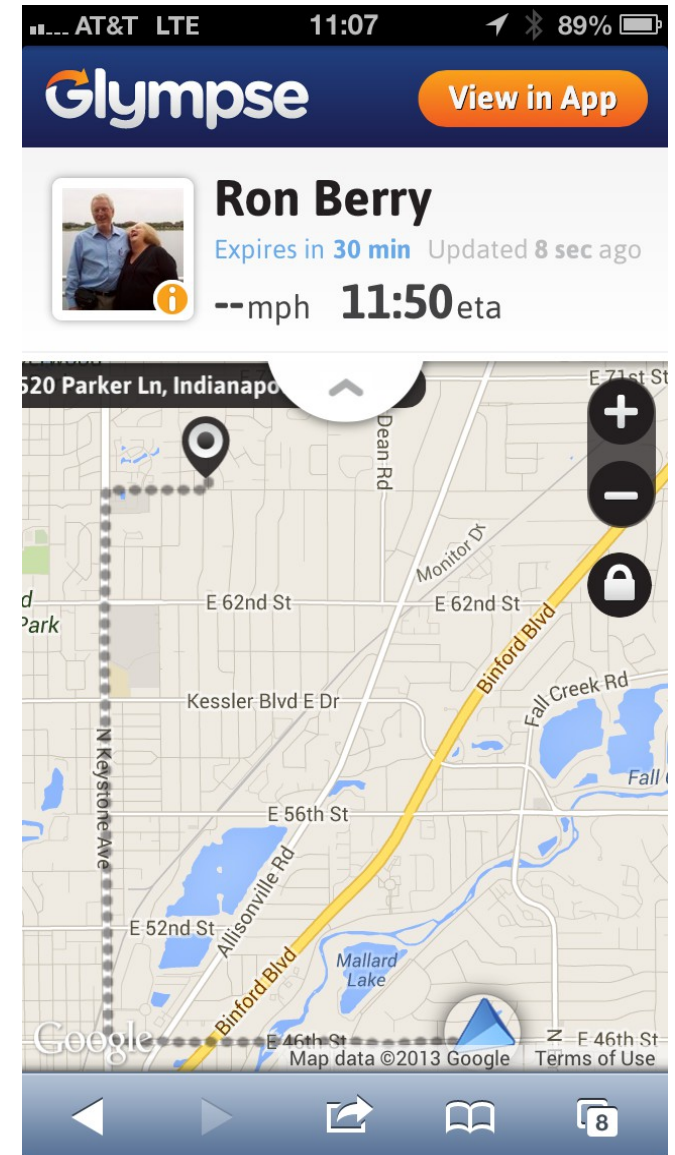
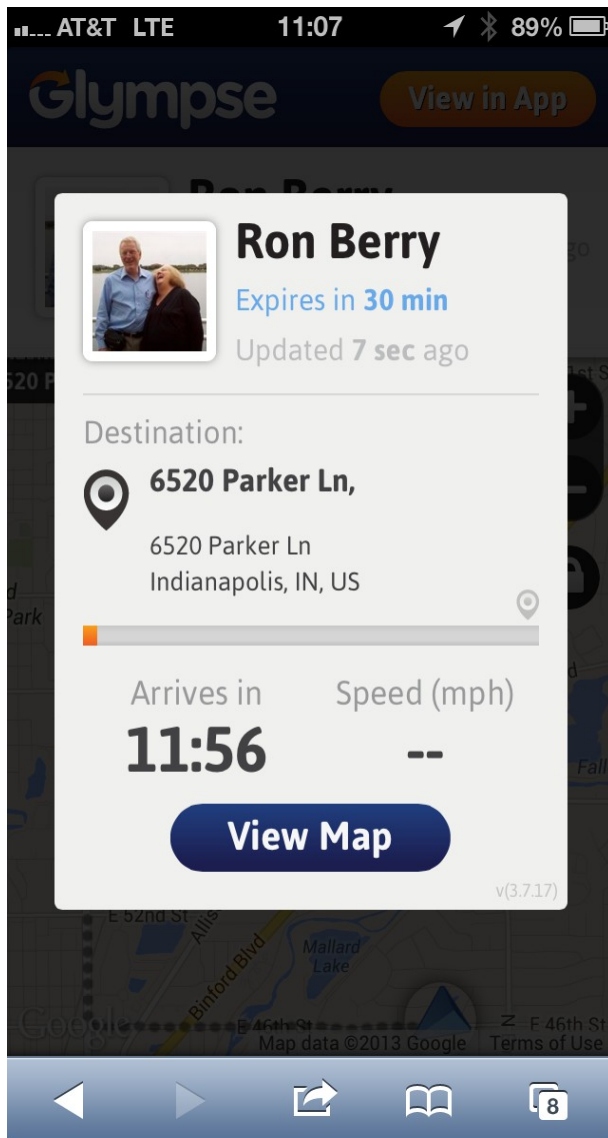




# Glympse

## What they see

Here is what they see in their browser. The speed doesn't show in this example because I was not moving when I captured the screen shot. You can also turn off displaying the speed if that might be embarrassing.



# Waze

Real time driving conditions from data from other cars. Especially good to show you where roadblocks are.

waze

LIVE MAP MAJOR EVENTS SUPPORT BLOG ABOUT Login

## Get the best route, every day, with real-time help from other drivers.

Waze is one of the world's largest community-based traffic and navigation apps. Join other drivers in your area who share real-time traffic and road info, saving everyone time and gas money on their daily commute.

WAZE. OUTSMARTING TRAFFIC, TOGETHER.

GET IT ON Google play

Download on the App Store

Download from Windows Phone Store

Guided tour

18:27  
7/7/2014

# Google Calendar

Can sync to phone and manage other technicians. Set up your phone as a Google account and it can sync all your mail, contacts, and calendar with any other device. You can also view, and/or edit other people's calendars.

The screenshot shows the Google Calendar interface for November 2018. The top navigation bar includes a menu icon, the date '31', the word 'Calendar', a 'Today' button, navigation arrows, the month 'November 2018', 'Week 46', a search icon, a settings gear, a 'Week' dropdown, and a notification bell with '23' alerts.

The main view is a weekly calendar grid for the week of November 11-17, 2018. The days of the week are labeled at the top: SUN (11), MON (12), TUE (13), WED (14), THU (15), FRI (16), and SAT (17). The time slots on the left range from 08:00 to 17:00. Various events are displayed as colored blocks:

- Veterans Day** (yellow) on Sunday, Nov 11, 09:00-13:00.
- ADOPTION SUNDAY** (orange) on Sunday, Nov 11, 09:00-13:00.
- Church** (blue) on Sunday, Nov 11, 09:00-13:00.
- Sunday school** (blue) on Sunday, Nov 11, 09:45-10:45.
- Veterans Day obse** (orange) on Monday, Nov 12, 09:00-13:00.
- blood work Chaud** (orange) on Monday, Nov 12, 09:00-13:00.
- CHRISTINA** (yellow) on Monday, Nov 12, 10:50-12:00.
- JOHN HAYES** (yellow) on Monday, Nov 12, 12:30-13:40.
- Indianapolis Opera** (yellow) on Monday, Nov 12, 14:45-15:55.
- Gary Linard** (yellow) on Monday, Nov 12, 16:10-17:20.
- Catherine** (yellow) on Tuesday, Nov 13, 09:30-10:40.
- FIFTH CHURCH, X** (yellow) on Tuesday, Nov 13, 11:00-12:10.
- LAUREL** (yellow) on Tuesday, Nov 13, 12:30-13:40.
- JAN HIRSCHMAN** (yellow) on Wednesday, Nov 14, 13:30-14:40.
- Linda Grube** (yellow) on Wednesday, Nov 14, 15:15-16:25.
- BILLIE PORTER** (yellow) on Wednesday, Nov 14, 09:30-10:40.
- Mary DeGroot** (yellow) on Wednesday, Nov 14, 11:10-12:20.
- JUNE POPPLEWELL** (yellow) on Thursday, Nov 15, 09:15-10:25.
- Alyce Puckett** (yellow) on Thursday, Nov 15, 11:05-12:15.
- EDWIN SCHOWE** (yellow) on Thursday, Nov 15, 12:30-14:00.
- Sandra M** (yellow) on Thursday, Nov 15, 14:20-15:30.
- First quarter 09:54** (orange) on Thursday, Nov 15, 09:54-10:54.
- Recycling** (blue) on Thursday, Nov 15, 07:00-08:00.
- Writing Group** (orange) on Thursday, Nov 15, 13:30-14:30.
- Phil MacVean** (yellow) on Friday, Nov 16, 09:15-10:25.
- David Berry** (yellow) on Friday, Nov 16, 11:00-12:10.
- Barb Weber** (yellow) on Friday, Nov 16, 13:00-14:10.

The left sidebar includes a 'Create' button, a month view for November 2018, an 'Add calendar' button, and a list of 'My calendars' with checkboxes for 'Ron Berry', 'Birthdays', 'Reminders', 'Tasks', and 'ToDo'. Below that is the 'Other calendars' section.

# WeekCal

## Adds new flexibility to you calendar

<http://www.utilitap.com/weekcalendar/>



The image shows a promotional page for WeekCal. On the left, there's a navigation bar with a 'Week' calendar icon and the title 'Week Cal for iPhone'. Below the title are links for 'Home', 'Features', 'Screenshots', 'Support', and 'About'. The main text describes the app's purpose and lists its features. On the right, an iPhone displays the WeekCal interface, showing a weekly calendar view for November 2010 with various events like 'Train for marathon', 'Lunch with Jenn', and 'Meet with Steve'.

**Week Cal** for iPhone

[Home](#) [Features](#) [Screenshots](#) [Support](#) [About](#)

Ever wished you could use a real calendar on your iPhone?

Week Cal gives you a gorgeous and intuitive way to view, change and update your appointments.

Main Features:

- beautiful display of events
- see a full week of events in one quick look
- list, day, week, agenda, month, mini month, year view
- batch editing, icons, timezones, rolling events
- templates, color code events, custom recurrence
- organize events using touch and flick
- iCal, Google, Yahoo!, Exchange, Outlook, MobileMe, iCloud sync
- copy / paste, drag & drop support, resizing
- full landscape support
- [and much, much more...](#) [\(see what's new in 4.3\)](#)

**Vous et Votre Mac**  
Tout & plus... Plus en fait... Aussi

**Follow me!**

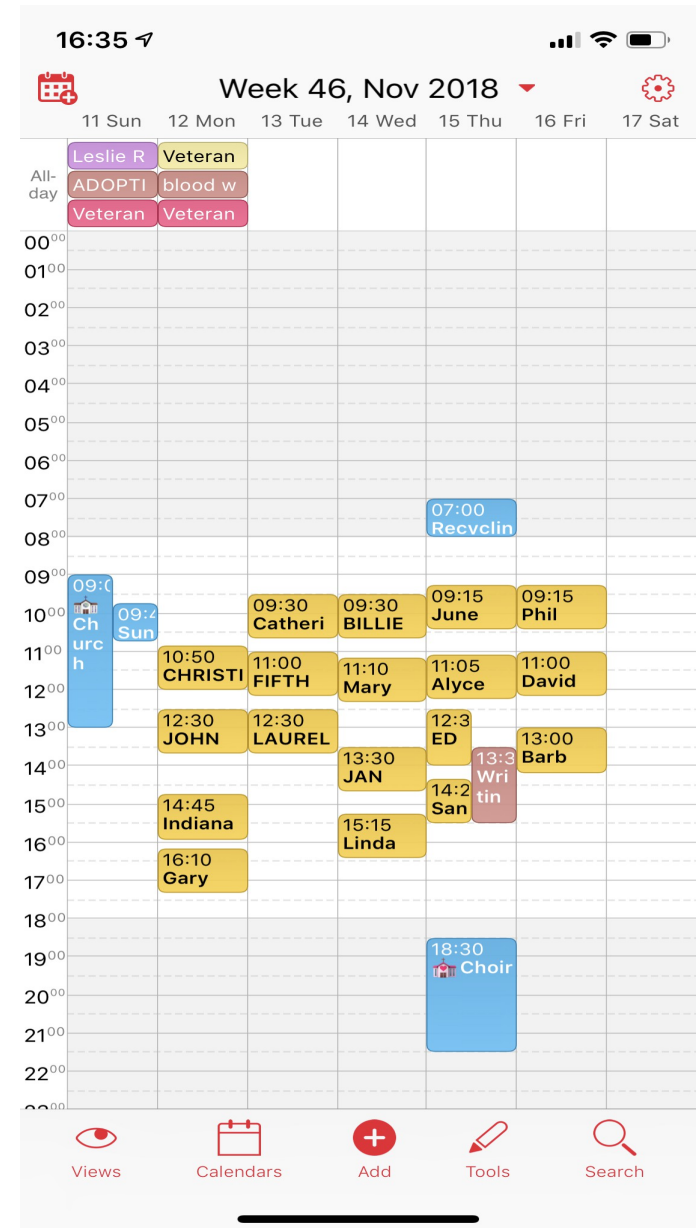
Available on the App Store

# WeekCal

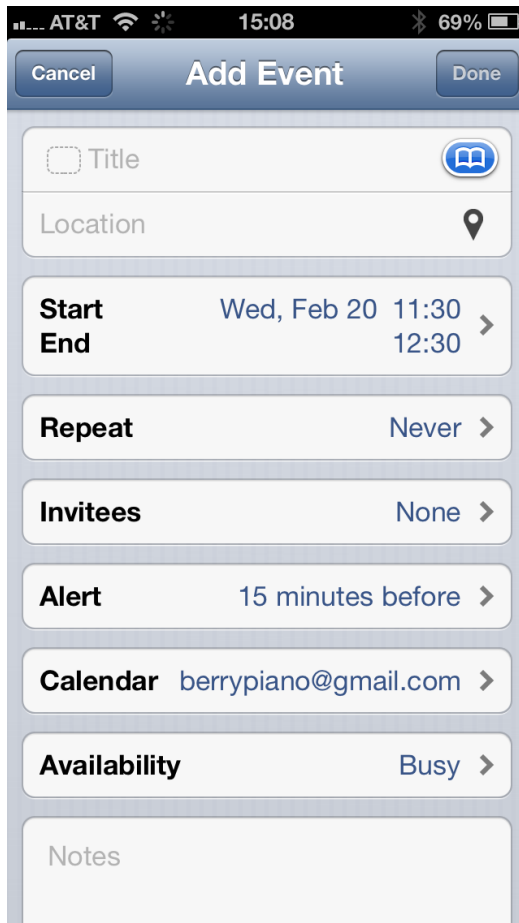
WeekCal gives you many different views of your calendar data but still uses the same underlying data.

The best part is that you can set up an appointment and link it to your client's data so that it will enter the address information in the calendar entry.

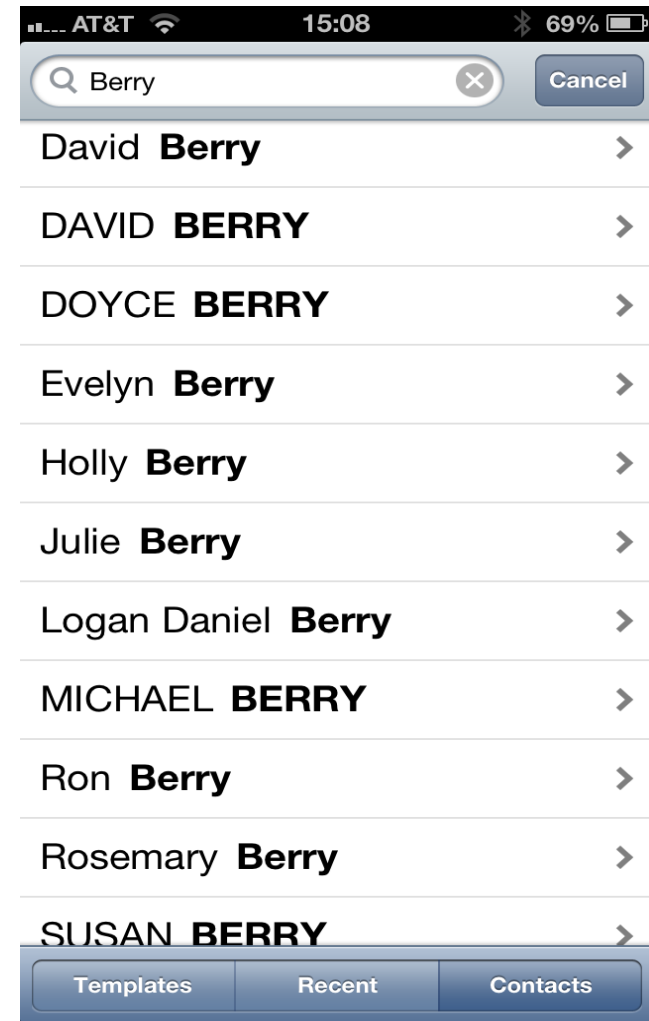
Or in this case, I have my calendar from PianoCal where all the entries show up in the Google calendar. PianoCal entries are yellow. My wife's calendar is red and my own items I add manually are blue.



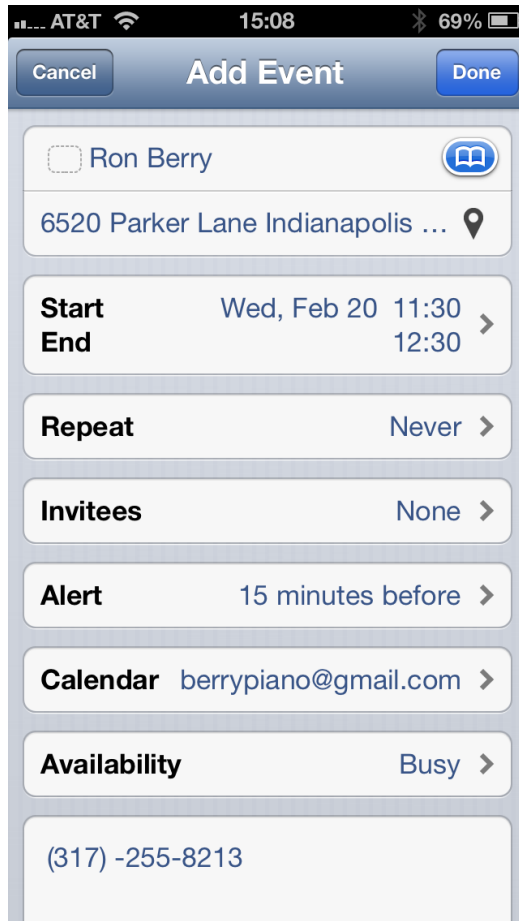
# WeekCal



Tap the bookmark icon to open your contact list and search it.

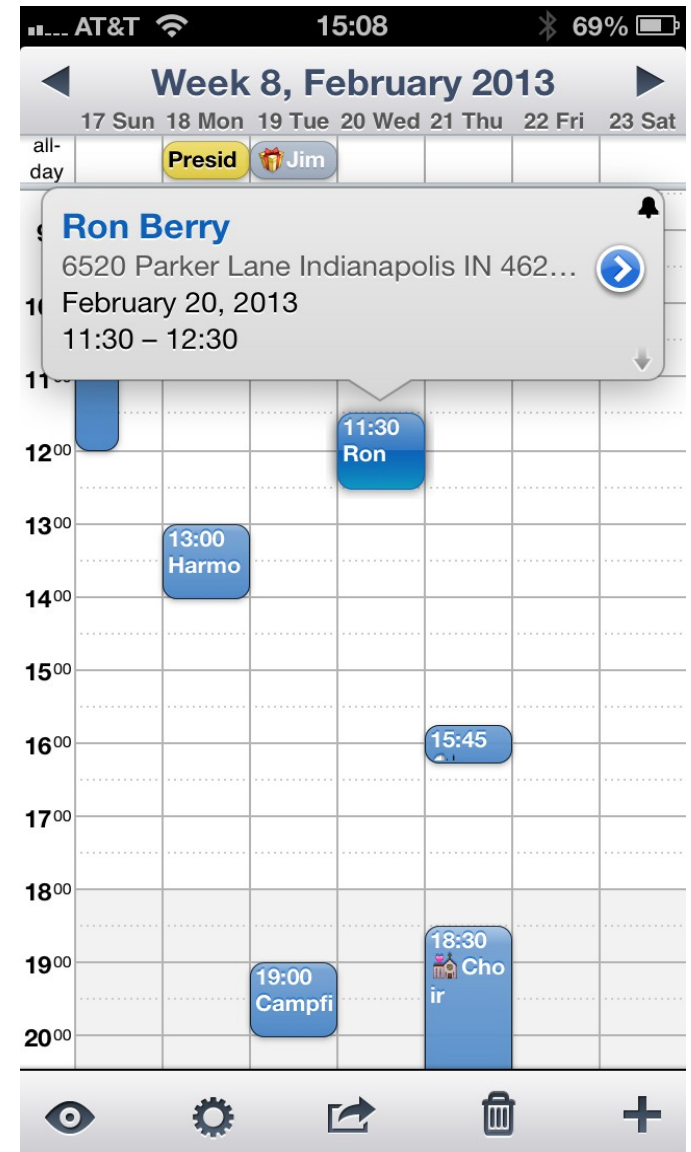


# WeekCal

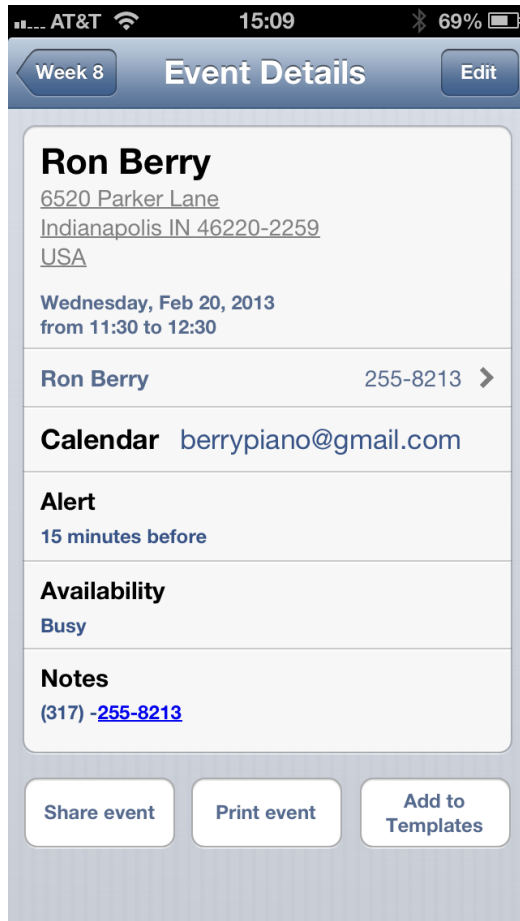


After selecting the contact, notice that it enters the address from the contact information.

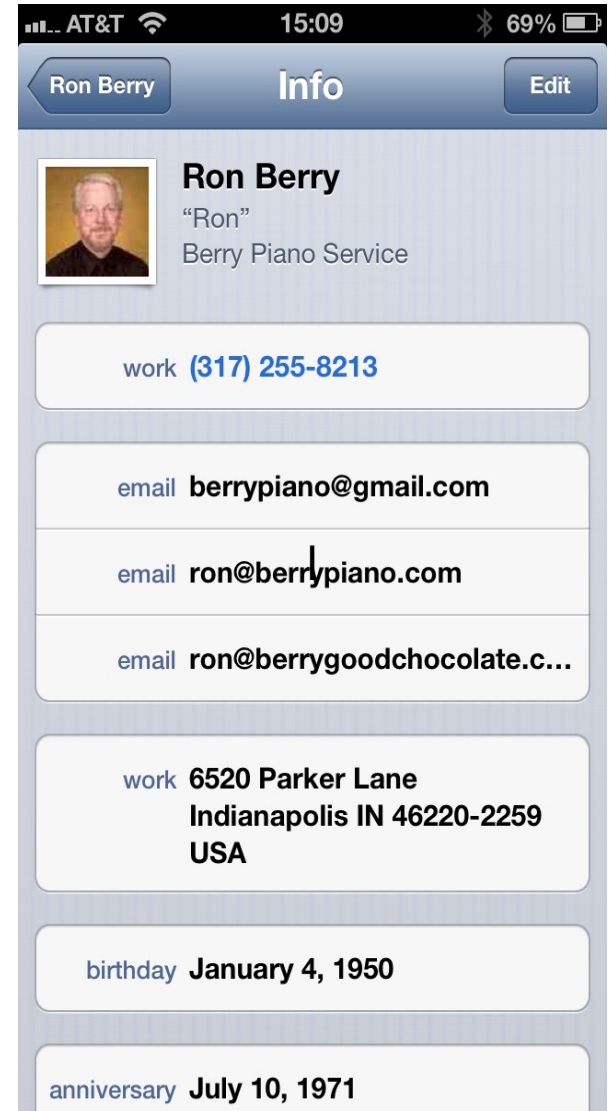
The new appointment show in the calendar and can be tapped to pop up the more complete information.



# WeekCal



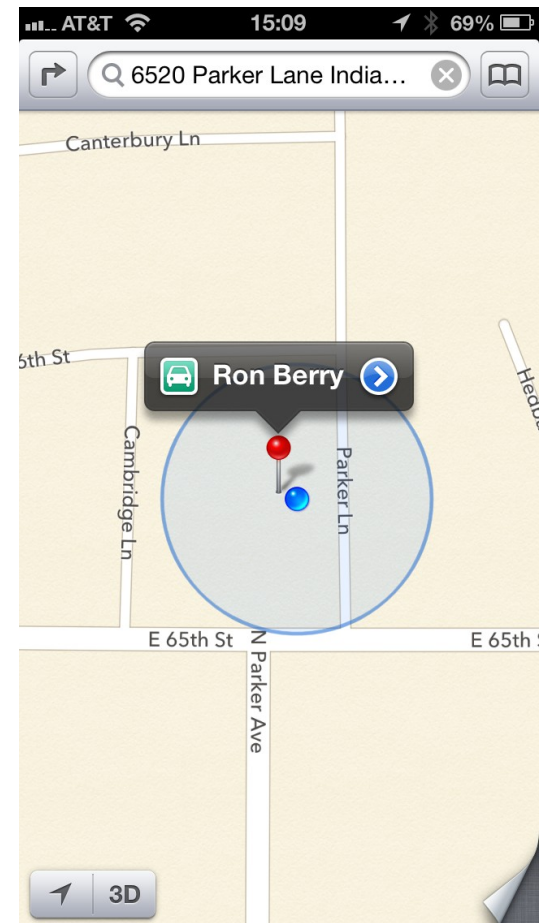
Tapping the arrow opens the full information for the appointment. Then tapping the name and phone in the middle of the record opens that actual contact information that the appointment is linked to.





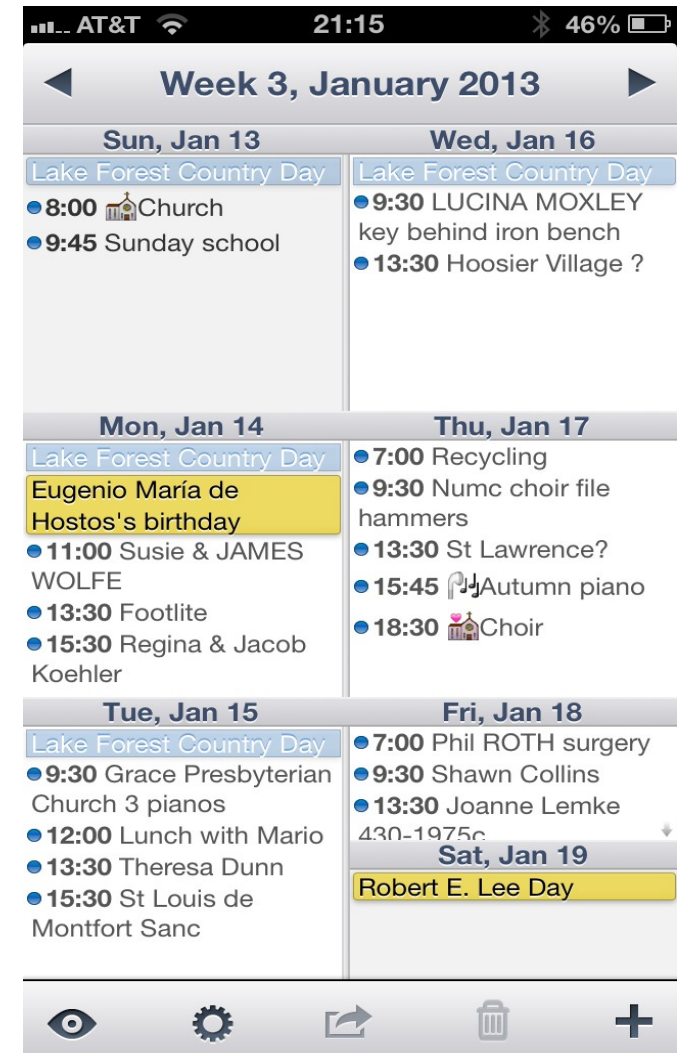
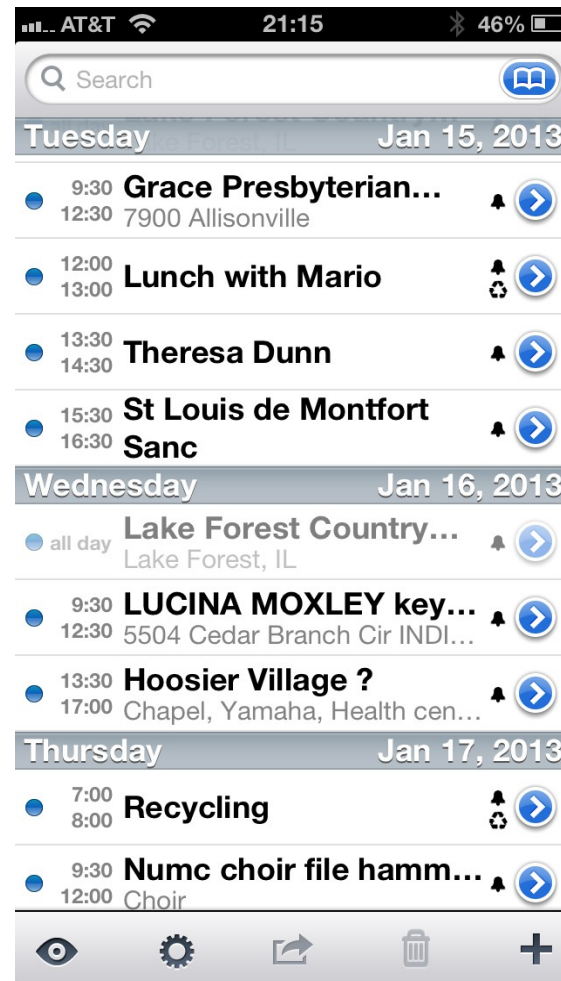
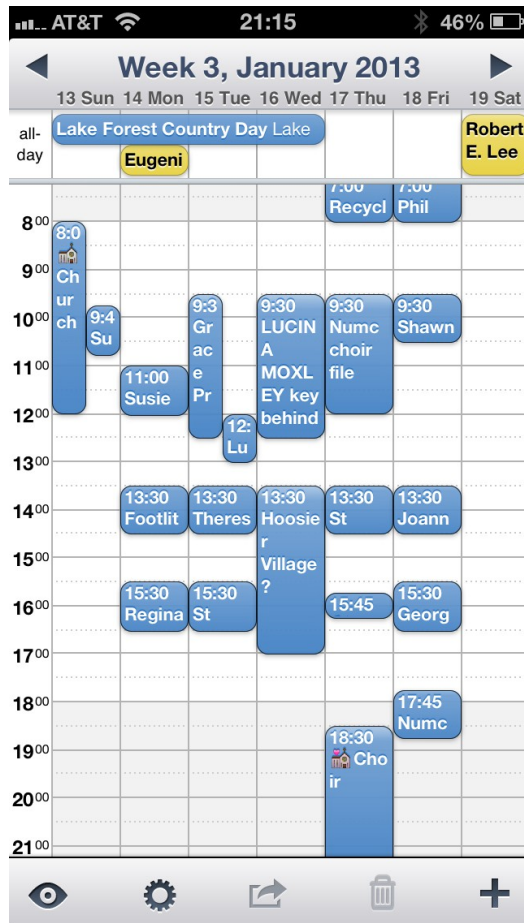
# WeekCal

Tapping the address from the contact information opens the map. The maps app can give driving directions.



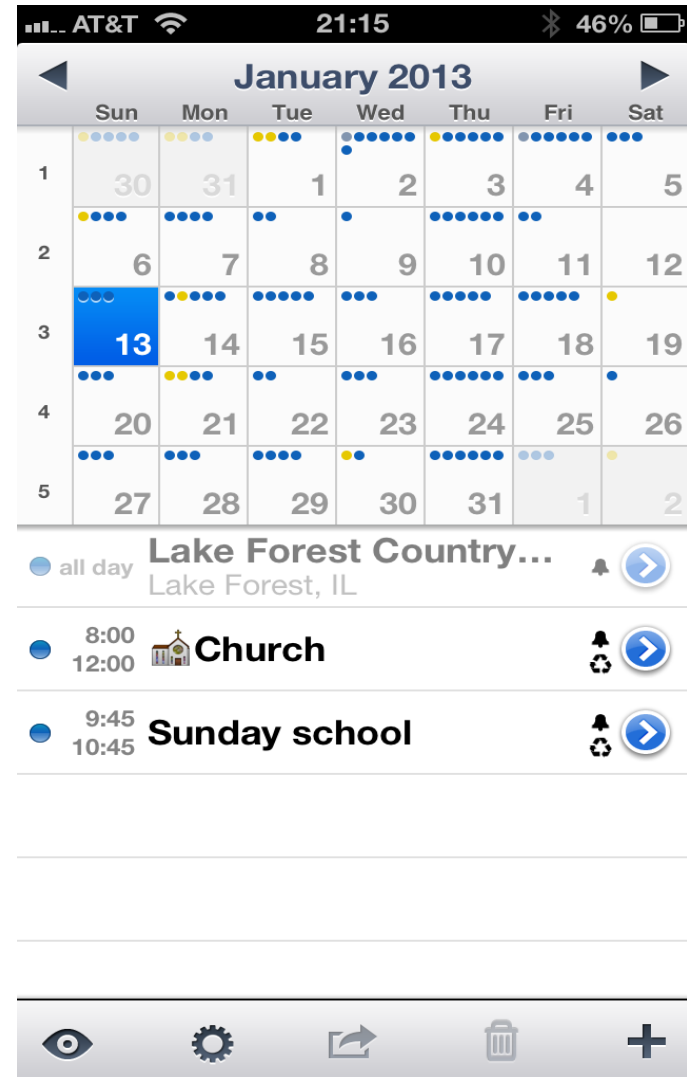
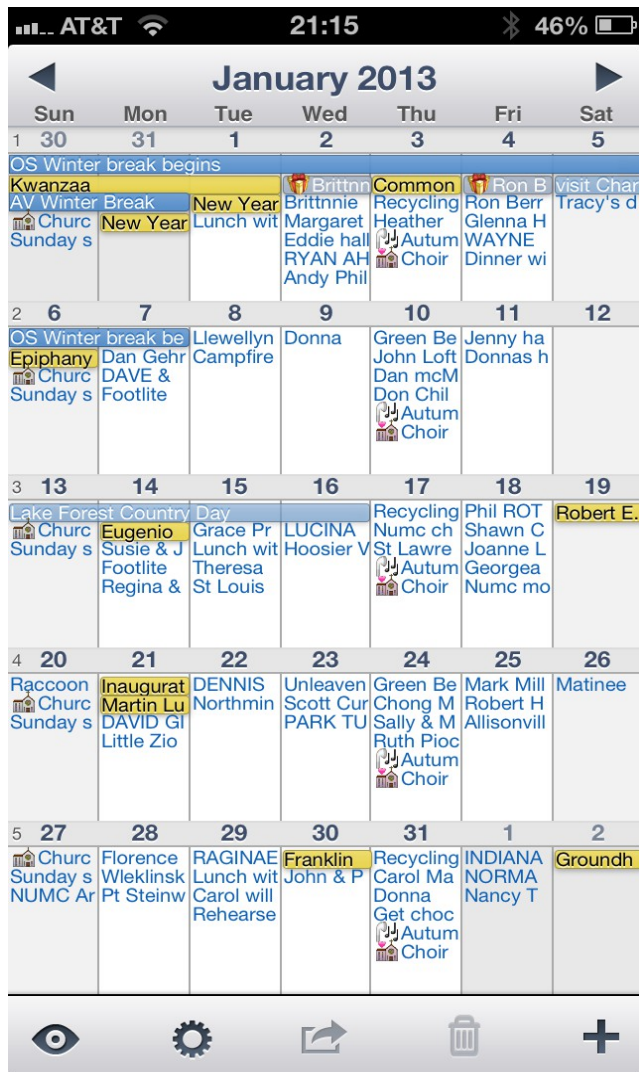
# WeekCal

## Different Views of the calendar

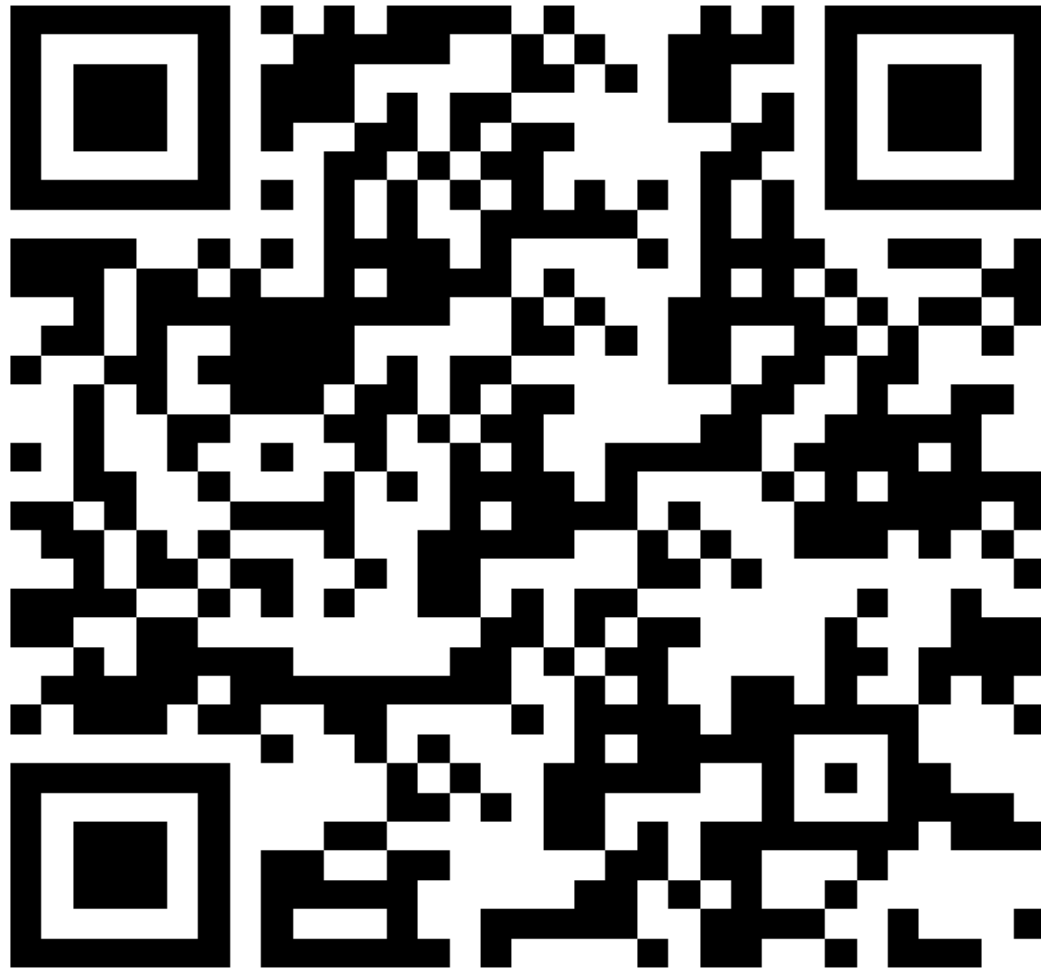


# WeekCal

## Monthly Views



Use QR codes to give you links from  
printed materials



# Evernote

Your To Do and Reminder list and much more. Save anything from online in one searchable place. Can set up folders to organize the information you save. Recognizes text for easy search.

The screenshot displays the Evernote web interface. At the top, a green banner contains the text "Get Premium for Free" on the left, "Go Premium" in the center, and the user's name "Ron Berry" on the right. Below this is the Evernote logo and a search bar. The main content area is divided into three sections: a left sidebar with "Shortcuts" and "Notebooks", a central "All Notes" list, and a right-hand view of a selected note.

**Shortcuts:** Drag notes, notebooks or tags here for quick access.

**Notebooks:**

- All Notes (32)
- berryplano's notebook (16)
- Cloud Class (1)
- Computer (1)
- Mileage
- MRCO (1)
- Penultimate (1)
- Personal (1)
- Prison book (11)
- PTG
- SwiftKey Notes
- Trash (44)

**Tags:**

- SwiftKey

**All Notes:**

- Pedal Spring for Joe Levitt** (2 hours ago)
- Snapshot from Eric Applegate in Indianapolis** (Last week)
- Snapshot from Nancy Links in Indianapolis** (Last week)
- Camera roll from Nancy Links in Indianapolis** (Last week)
- Note from Nancy Links in Indianapolis** (Last week): HOOSIER VILLAGE KIMBALL Keytops
- Note from Nancy Links in Indianapolis** (Last week): Scottish rite rebuilding. Send them Ron Winter and Don Gibbs info.
- Baylor Research on the Church & Mental Illness**

**Selected Note:** berryplano's notebook (Created: Jun 20, 2014; Modified: Jun 20, 2014). The note content is a large image of a keyboard keycap with the number "62" embossed on it and a grid of screws. The number "6172937" is printed vertically on the left side of the keycap.

# Evernote

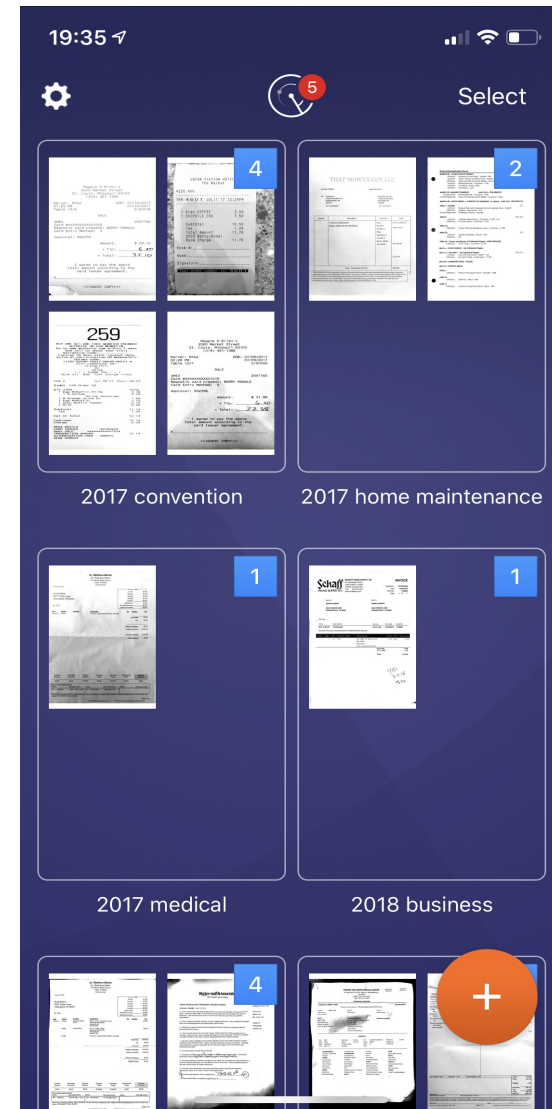
Stores text or pictures or links or web pages.

The screenshot shows the Evernote web interface in a Mozilla Firefox browser window. The browser's address bar displays the URL <https://www.evernote.com/Home.action#st=p&n=8b43f528-de11-4445-9642-72cd37b51354>. The browser's toolbar includes various icons for navigation and extensions. The Evernote interface features a green header with the text "Get Premium for Free" and a user profile for "Ron Berry". The main content area is divided into three sections: a left sidebar with "Shortcuts" and "Notebooks", a central "All Notes" list, and a right-hand "Note" editor. The "All Notes" list shows several notes, including "MRCO Notes from Convention" (dated 10/29/13), "Ron Berry Public Key" (dated 10/29/13), "Is recovery possible?" (dated 2/10/13), "Anxiety his and mine" (dated 2/10/13), "Drugs inside and out." (dated 2/10/13), and "How can I keep him out." The "Note" editor on the right displays the content of the selected note, "MRCO Notes from Convention", which includes text such as "Mrco Rco charter needs to be filed", "Get ein and file tax exempt get Brian to do", "Check all states in region for tax exempt sales tax", "Secretary of State web site for that Iowa Do exhibitors", "Do exhibitors have to charge sales tax", "Special rules for one day sales", "Bank account", "Google docs", "Set real email addresses", "Bittner yockey west jones Hess Powell pollock berry Kiel", "Chapter pres can appoint someone if not as board members", "Inform people that we exist", "Get off your couch and come to davenport", "Set up texting for conf like Jason did [textmarks.com](http://textmarks.com)", and "Good amtrack access". The browser's taskbar at the bottom shows various application icons and the system clock indicating 20:46 on 6/27/2014.

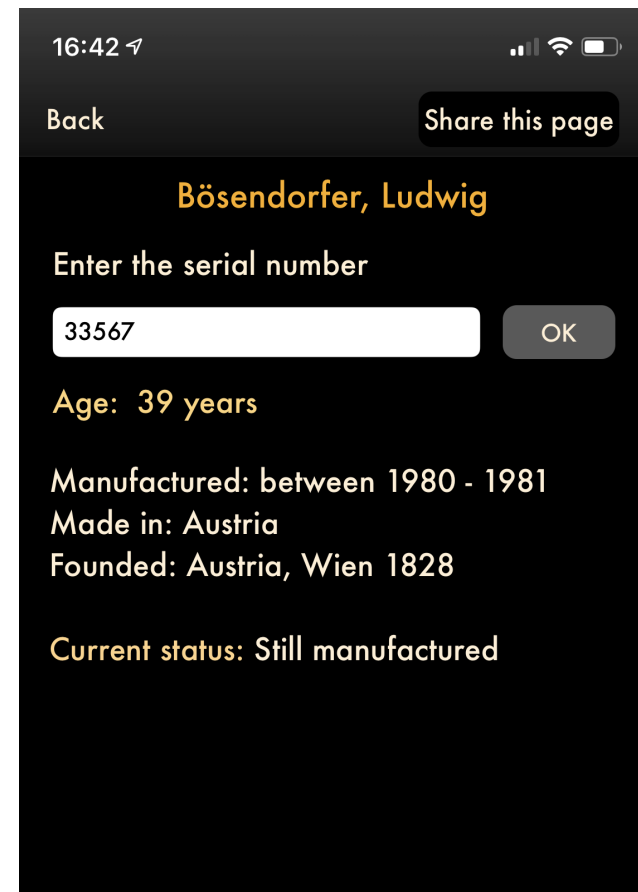
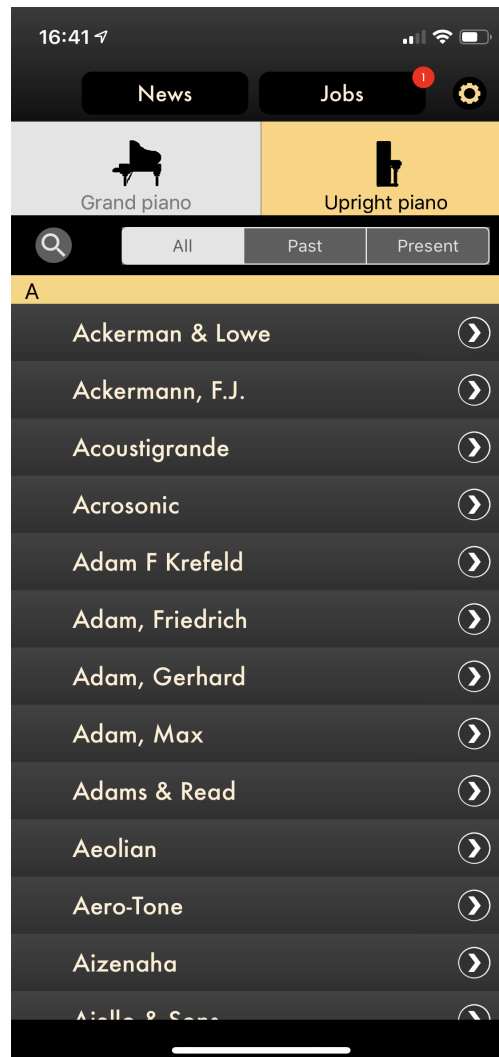
# Scanner Pro Pdf Scanner

Lets you take pictures with your phone and turn documents into PDF files, even multipage. Then has a good management system for those files including automatically sending them to a Google Drive folder for permanent storage. Great for capturing receipts on the road. Reduce paper by storing a digital version of business or medical bills.

It automatically finds the frame and triggers the camera when a page is in the camera frame.



# Piano Age App





# Computer Security



# First Rule of Security

**Never click a link to download a file that you didn't ask for.** If the browser says you need to load a new app to continue, make sure you need it and then go find it yourself in your app store.

Apple App Store – Apps are vetted and very unlikely to contain malware. Apple is a closed system so it limits what you get and do. This is a good trade-off for security.

Android Apps – It is always safer to get them from the Google Play store. They have similar security to Apple. Apps loaded from random web sites have no security. You must know that you trust that site.

# Set up Limited User Account

- If you are running Windows, set up a new administrator account and change your current account to a limited user.
- This can protect you from most browser based exploits.
- It requires you to enter your admin password more often, whenever you add software or do some administrator function, but the added security is worth it. Macs and Linux set you up this way by default.
- *Remember, 100% of the IE exploits, which is the main way malware gets in, were blocked during all of 2013, if you just weren't an admin user. 100% of them. And what is it, in the 90s, of like the other...Leo: It's 92% for operating system exploits, yeah.*
- Watch my video about this here.

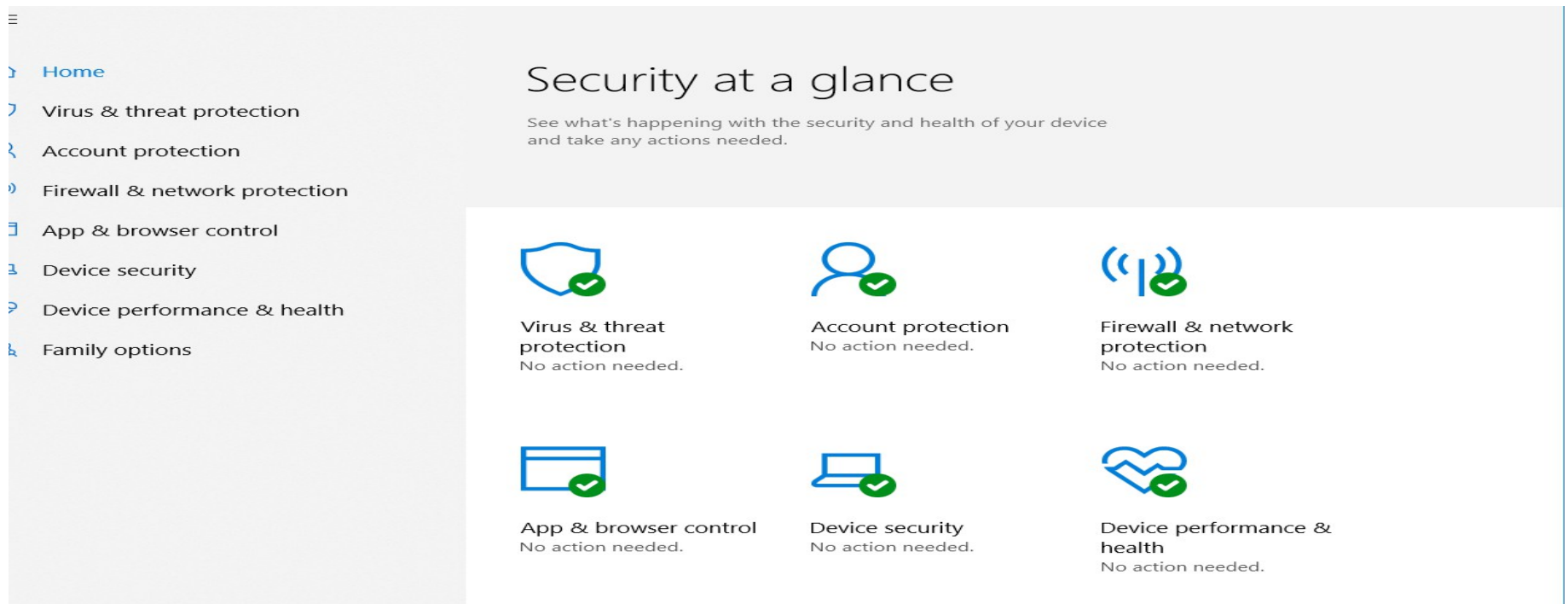
# Antivirus



# Do I need Antivirus?

Current Security people feel that you should not use 3<sup>rd</sup> party Antivirus products. They become an irresistible target to bad guys and have to compromise the security of your computer in order to function.

Windows has Windows Defender that is available to you. You have to trust Microsoft because you are using windows so it make sense to use security software that is part of the operating system.



# ProXPN VPN service

A Virtual Private Network (VPN) is used to make your connection secure from a public WiFi place. It protects you from snoopers in the coffee shop and keeps your ISP from tracking where you go on the web.

There are many VPN services. Another one that is well recommended is [ExpressVPN](#)

proXPN

What is proXPN? Why proXPN? Pricing Help **Download** My Account

**NOT ON OUR WATCH**

Play Our New Web Spot

**Get your guard up.**

More than ever, your freedom and privacy when online is under threat. Governments and ISPs want to control what you can and can't see while keeping a record of everything you do, and even the shady-looking guy lurking around your coffee shop or the airport gate can grab your bank details easier than you may think. proXPN's VPN software lets you surf the web the way it was intended: anonymously and without logging and tracking your activity.

[Create Account](#)

ZDNet lifehacker cnet PCWorld

**What is proXPN**

proXPN is an easy to use service that secures your internet connection against eavesdropping, masks your location, and allows you to access your favorite sites no matter where you live or travel to.

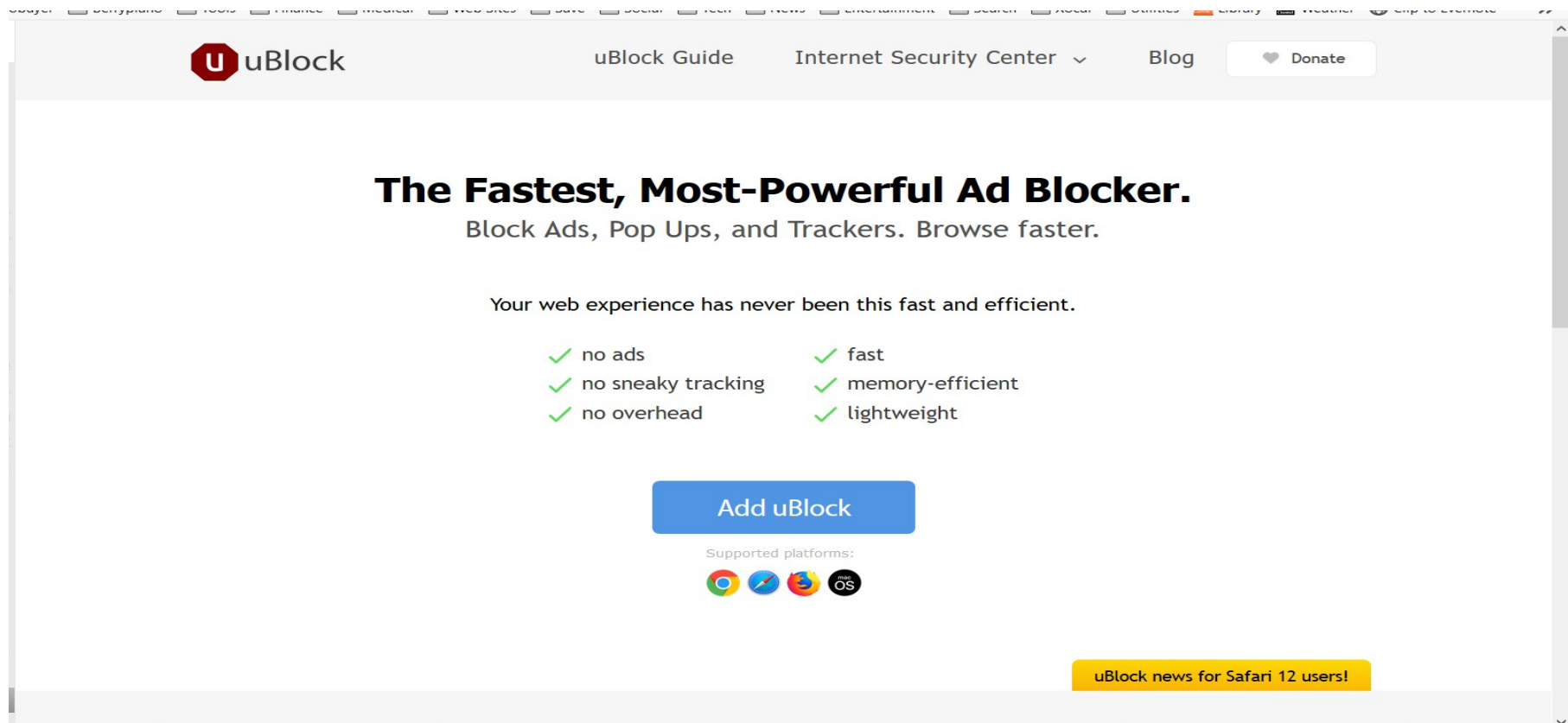
**Why do I need it?**

Online privacy is going away. Governments are censoring information in an attempt to keep you in the dark. proXPN gives you peace of mind while surfing as well as the freedom to access the content you want.

# Ad Blocking

## Ublock Origin

Very effective ad blocking. This blocks ads that come from 3<sup>rd</sup> party sites, by only allowing stuff from the same site as you are visiting. This is easy to turn off on a site by site basis if you need to. Some sites survive by ad revenue so you can choose to see their ads and help them. This has add-ons for all browsers.



The screenshot shows the uBlock website homepage. At the top, there is a navigation bar with the uBlock logo, links for "uBlock Guide", "Internet Security Center", "Blog", and a "Donate" button. The main content area features the headline "The Fastest, Most-Powerful Ad Blocker." followed by the sub-headline "Block Ads, Pop Ups, and Trackers. Browse faster." Below this, a paragraph states "Your web experience has never been this fast and efficient." A list of features is presented in two columns, each with a green checkmark: "no ads", "no sneaky tracking", "no overhead", "fast", "memory-efficient", and "lightweight". A prominent blue button labeled "Add uBlock" is centered below the list. Underneath the button, it says "Supported platforms:" and shows icons for Chrome, Firefox, Edge, and macOS. At the bottom right, there is a yellow banner that reads "uBlock news for Safari 12 users!".

uBlock

uBlock Guide Internet Security Center Blog Donate

### The Fastest, Most-Powerful Ad Blocker.

Block Ads, Pop Ups, and Trackers. Browse faster.

Your web experience has never been this fast and efficient.

- ✓ no ads
- ✓ no sneaky tracking
- ✓ no overhead
- ✓ fast
- ✓ memory-efficient
- ✓ lightweight

Add uBlock

Supported platforms:

Chrome Firefox Edge macOS

uBlock news for Safari 12 users!

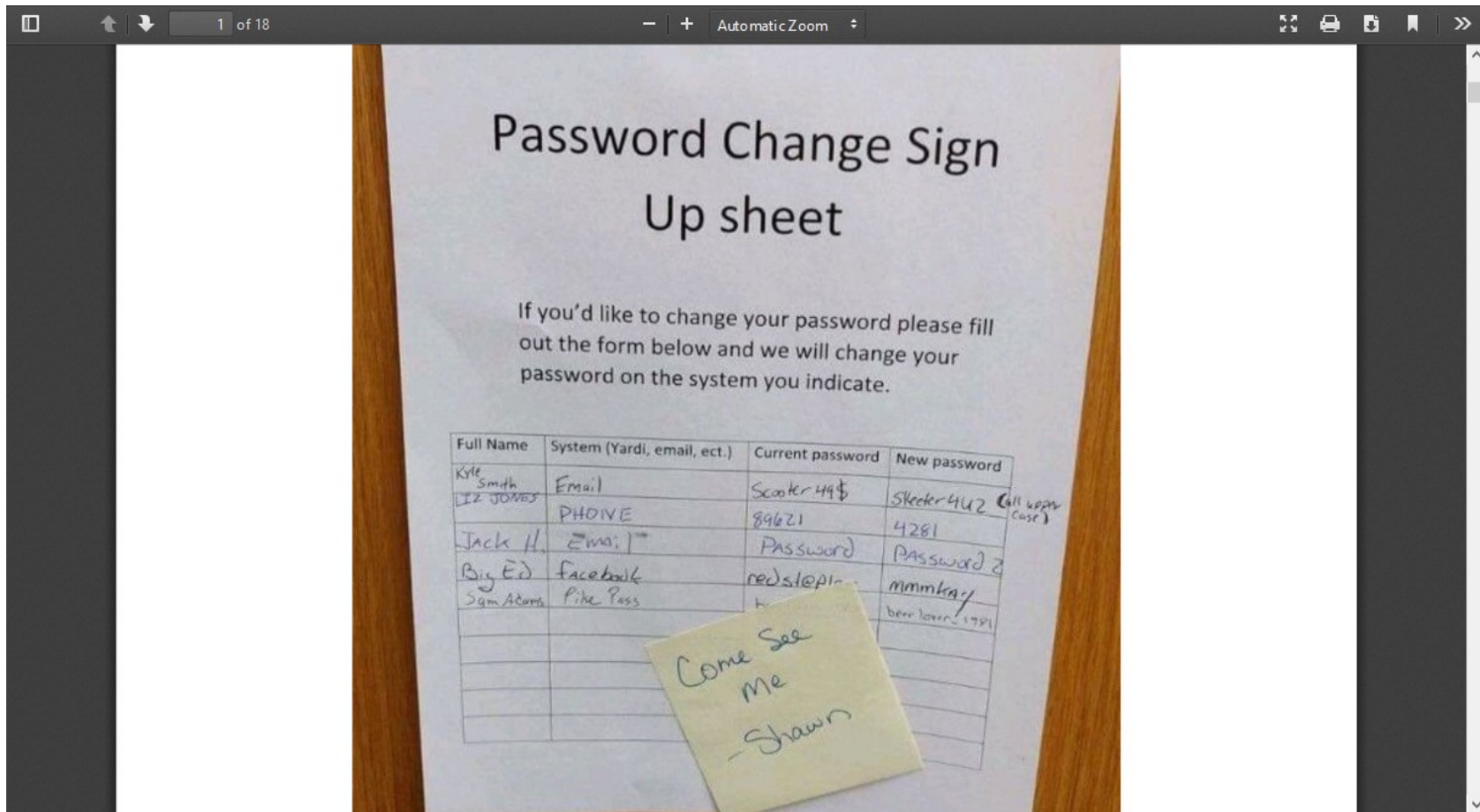
**MY PASSWORD  
IS THE LAST  
8 DIGITS  
OF IT**



# Managing Password

Ellen DeGeneres has this 3 minute video to show her “Password Minder” solution to this problem. This adds humor but gets to the root of the issue.

# How to help others manage passwords



# Last Pass – simplify your passwords

## LastPass.com

LastPass \*\*\*\*

English

Sign in to LastPass

DOWNLOAD

FEATURES


WHY LASTPASS?

SUPPORT

ABOUT US

ENTERPRISE

*Effective, secure, and easy*

 - CNet

*Protects your online assets*

- Forbes

*Secure, yet dummy-proof*

- Lifehacker

*Robust security, works everywhere*

- Mashable

# The Last Password You'll Have to Remember!

LastPass is a password manager that makes web browsing easier and more secure.



FREE

Download LastPass

Get LastPass Premium!

(\$12 per year - that's \$1 a month!)



**it's EASIER**

Never forget a password again and log into your sites with a single mouse click.



**it's SAFER**

Protect yourself against phishing scams, online fraud, and malware.



**it's FREE**

No catches or gimmicks. It's free to use on all your computers!



**it's EVERYWHERE**

Automatically synchronizes your data: access it from anywhere at anytime.



**it's SECURE**

All of your data is encrypted locally on your PC - only YOU can unlock it.



**it's MULTI-PLATFORM**

Using a Mac, Windows, or Linux? LastPass works everywhere.

# Last Pass

- A Password management system
- Remember one good password and let Last Pass do the rest
- Stores passwords securely in the cloud so all your devices can access the password vault
- Generates secure passwords for you
- Logs you in to your sites in the browser on your computer
- Stores Secure Notes like credit card numbers
- Can access information from your smart phone
- Noisy at first as it check the security of your passwords then get quieter as you use it.

# Last Pass not logged in

The screenshot shows a Firefox browser window displaying the website [my.ptg.org/ptg/home/](http://my.ptg.org/ptg/home/). The browser's address bar and toolbar are visible at the top. The website header includes the Piano Technicians Guild logo on the left and the text "my.ptg.org" in the center, surrounded by blue snowflake graphics. A "Login to see members only content" button is located in the top right corner. Below the header is a navigation menu with links for HOME, MY PROFILE, DIRECTORY, COMMUNITIES, MICROSITES, BLOGS, GLOSSARY, EVENTS, and PARTICIPATE. A search bar is also present in the navigation area. The main content area is divided into several sections: "AN INTRODUCTORY VIDEO" featuring a video player for "Getting Started - myptg"; "QUICK LINKS - MY DISCUSSIONS" with links for "Last 24 Hours", "Last 7 Days", and "Last 30 Days"; "LATEST DISCUSSIONS" featuring a post titled "RE: Soda Blasting Grand Piano Action" by David Swartz; and a promotional banner for "Grand Action Regulation in 37 Steps" held from May 2-4, 2013, at the PTG Home Office in Kansas City. A "Printer-Friendly Version" link is located in the top right of the main content area. The Windows taskbar is visible at the bottom of the screen.

# Last Pass logging in

The screenshot shows a Firefox browser window with the address bar at `my.ptg.org/ptg/home/`. The browser's bookmark bar contains various sites like iGoogle, Gmail, Berrypiano, and others. The main content area displays the Piano Technician Guild website, which has a navigation menu with 'HOME', 'MY PROFILE', 'DIRECTORY', and 'COMMUNITY'. A 'LastPass Master Login' dialog box is open in the center, featuring the LastPass logo and the following fields and options:

- Email: `ron@berrypiano.com`
- Master Password: masked with dots
- Remember Email:
- Remember Password:
- Show My LastPass Vault After Login:
- Buttons: Login, Cancel
- Links: [I forgot my password. Help!](#), [Screen Keyboard](#), [Create an Account](#)

The background website includes a video player for 'Getting Started - myptg', a news article titled 'RE: Soda Blasting Grand Piano Action' by David Swartz, and a promotional banner for 'Grand Action Regulation in 37 Steps' from May 2-4, 2013. The Windows taskbar at the bottom shows the time as 16:00 on 3/26/2013.

# Last Pass fills in login information

Firefox

my.ptg.org/ptg/login/?ReturnURL=http%3a%2f%2fmy.ptg.org%2fptg%2fhome%2f

LastPass has filled your login information into the form on this page. AutoLogin (4) AutoFill (100) Never ...

PIANO TECHNICIANS GUILD my.ptg.org

HOME MY PROFILE DIRECTORY COMMUNITIES MICROSITES BLOGS GLOSSARY EVENTS PARTICIPATE Search

Home Printer-Friendly Version

Log In

Username  
4582

Password  
..... Login

Remember me

Forget Login?

Login Information

PTG members should use their member number and assigned password to login. Do not set up a new profile if you are a member. Click here to [request your login information](#).

Never been a PTG member or set up a profile? Click here to [set up a new user profile](#).

16:01 3/26/2013

# Last Pass can log in multiple accounts

The screenshot shows a Firefox browser window with the Amazon homepage. The LastPass extension menu is open, displaying a list of saved accounts. The browser's address bar shows 'www.amazon.com'. The Amazon page features a search bar, navigation links for various services (Instant Video, MP3 Store, etc.), and a main advertisement for the Kindle Paperwhite e-reader. Below the Kindle ad is an advertisement for Dreamfoam mattresses, and at the bottom right, there are two more advertisements: one for MET-RX Whey Protein Powder and another for SwissGear Laptop Backpacks. The Windows taskbar at the bottom shows the system clock as 16:04 on 3/26/2013.

Firefox

www.amazon.com

Most Visited iGoogle Gmail Berrypiano Pianobook News PTG Save Search Shopping Utilities Web Sites Entertainment Wiki Xocai

Diigo - Sign in

10 Free Screen ...

Inbox (2) - berr...

Digg - What th...

Amazon.co... x

amazon Join Prime

Ronald's Amazon.com Today's Deals Gift Cards Sell Help

Shop by Department

Search All Go

Hello, Ronald

Your Account

Instant Video MP3 Store Cloud Player **Kindle** Cloud Drive Appstore for Android Digital Games & Software Audible Audiobooks

kindle paperwhite

The world's most advanced e-reader

From \$119 > Shop now

Kindle Fire HD, from \$199 > Shop now

Clothing Trends A Good Night's Sleep Amazon Prime

Dreamfoam Gets Your Bed Just Right

From super soft to rock hard and everywhere in between, new innovation lets you buy your mattress comfortably online

>Ease your back pain >Shop Dreamfoam

One of thousands of small businesses thriving because of Amazon customers

SAVE UP TO \$5 ON MET-RX WHEY PROTEIN POWDER

INSTANTIZED FOR EASY MIXING

SHOP NOW

Advertisement

SwissGear Laptop Backpacks

Comfort and style for people on the go

> Shop now

16:04 3/26/2013



# Generate Secure Passwords

## Last Pass will remember them for you

Advanced options let you create very secure passwords by including upper case, lower case, numbers and special characters.



# Generated password is uncrackable

This page to test passwords is

<https://www.grc.com/haystack.htm>

## GRC's Interactive Brute Force Password "Search Space" Calculator

*(NOTHING you do here ever leaves your browser. What happens here, stays here.)*

3 Uppercase     5 Lowercase     2 Digits     2 Symbols   

**@W^wn2jAMd6k**

Enter and edit your test passwords in the field above while viewing the analysis below.

### Brute Force Search Space Analysis:

Search Space Depth (Alphabet):	$26+26+10+33 = 95$
Search Space Length (Characters):	12 characters
Exact Search Space Size (Count): <small>(count of all possible passwords with this alphabet size and up to this password's length)</small>	546,108,599,233,516,079,517,120
Search Space Size (as a power of 10):	$5.46 \times 10^{23}$

### Time Required to Exhaustively Search this Password's Space:

Online Attack Scenario: <small>(Assuming one thousand guesses per second)</small>	1.74 hundred billion centuries
Offline Fast Attack Scenario: <small>(Assuming one hundred billion guesses per second)</small>	1.74 thousand centuries
Massive Cracking Array Scenario: <small>(Assuming one hundred trillion guesses per second)</small>	1.74 centuries

Note that typical attacks will be online password guessing

# Pad passwords with characters to make them memorable but strong

GRC's Interactive Brute Force Password "Search Space" Calculator  
 (NOTHING you do here ever leaves your browser. What happens here, stays here.)

1 Uppercase   
  1 Lowercase   
  1 Digit   
  19 Symbols   
 22 Characters

d0G . . . . .

Enter and edit your test passwords in the field above while viewing the analysis below.

### Brute Force Search Space Analysis:

Search Space Depth (Alphabet):	$26+26+10+33 = 95$
Search Space Length (Characters):	22 characters
Exact Search Space Size (Count): <small>(count of all possible passwords with this alphabet size and up to this password's length)</small>	32,697,539, 119,683,393,423,636,678, 337,924,023,892,017,120
Search Space Size (as a power of 10):	$3.27 \times 10^{43}$

### Time Required to Exhaustively Search this Password's Space:

Online Attack Scenario: <small>(Assuming one thousand guesses per second)</small>	10.40 million trillion trillion centuries
Offline Fast Attack Scenario: <small>(Assuming one hundred billion guesses per second)</small>	1.04 hundred billion trillion centuries
Massive Cracking Array Scenario: <small>(Assuming one hundred trillion guesses per second)</small>	1.04 hundred million trillion centuries

Note that typical attacks will be online password guessing.

# Common password is unsafe

## GRC's Interactive Brute Force Password "Search Space" Calculator

(NOTHING you do here ever leaves your browser. What happens here, stays here.)

No Uppercase    No Lowercase    6 Digits    No Symbols  

**123456**

Enter and edit your test passwords in the field above while viewing the analysis below.

### Brute Force Search Space Analysis:

Search Space Depth (Alphabet):	10
Search Space Length (Characters):	6 characters
Exact Search Space Size (Count): <small>(count of all possible passwords with this alphabet size and up to this password's length)</small>	1,111,110
Search Space Size (as a power of 10):	$1.11 \times 10^6$

### Time Required to Exhaustively Search this Password's Space:

Online Attack Scenario: <small>(Assuming one thousand guesses per second)</small>	18.52 minutes
Offline Fast Attack Scenario: <small>(Assuming one hundred billion guesses per second)</small>	0.0000111 seconds
Massive Cracking Array Scenario: <small>(Assuming one hundred trillion guesses per second)</small>	0.0000000111 seconds

Note that typical attacks will be online password guessing

# Top 25 most common passwords

1	123456	13	1234567890
2	password	14	letmein
3	12345678	15	photoshop
4	qwerty	16	1234
5	abc123	17	monkey
6	123456789	18	shadow
7	111111	19	sunshine
8	1234567	20	12345
9	iloveyou	21	password1
10	adobe123	22	princess
11	123123	23	azerty
12	admin	24	trustno1
		25	000000

# Last Pass vault

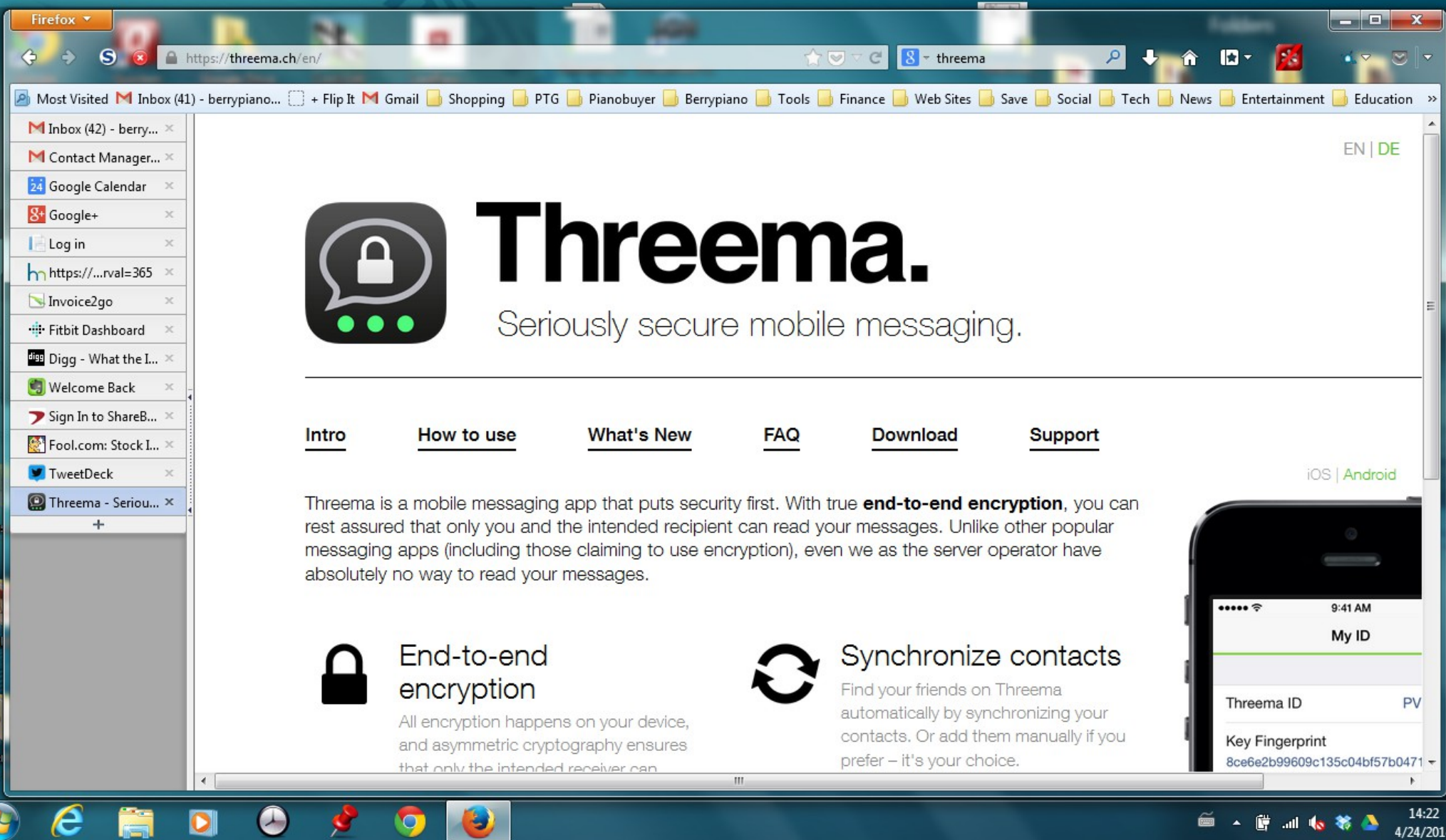
## Access to all your passwords

The screenshot shows the LastPass web interface in a browser window. The browser's address bar displays `chrome://lastpass/content/home2.xul`. The page header includes the LastPass logo, a search bar labeled "Search Vault", and the user's email `ron@berrypiano.com`. A navigation menu at the top contains tabs for Vault, Form Fill Profiles, Identities, Shares, Credit Monitoring, Enterprise, and Video. On the left, an "Actions" sidebar lists options like Settings, Add Site, Add Secure Note, Create Group, User Manual, and Security Check. The main content area is a table of password entries:

Name	Last Touch	Action
recently used		
Generated Password for amazon.com	5 minutes ago	[edit] [trash]
+ my.ptg.org	24 minutes ago	[edit] [share] [trash]
BPS berrypiano.net	17 hours ago	[edit] [share] [trash]
paypal.com	18 hours ago	[edit] [share] [trash]
Generated Password for click2mail.com	19 hours ago	[edit] [share] [trash]
google.com	1 day ago	[edit] [share] [trash]
accounts.google.com	1 day ago	[edit] [share] [trash]
53.com	2 days ago	[edit] [share] [trash]
secure-www.zappos.com	2 days ago	[edit] [share] [trash]
vacationrentals.com	2 days ago	[edit] [share] [trash]
(none)		
1000memories.com	1 year ago	[edit] [share] [trash]
205.186.166.147 Piano Buyer Control Piano	7 months ago	[edit] [share] [trash]

On the right side, there is a "Help spread the word" section with the text "Do you like LastPass?" and a "Tell a friend!" button featuring the LastPass logo.

# Threema Secure Texting




The screenshot shows a Firefox browser window displaying the Threema website. The browser's address bar shows the URL <https://threema.ch/en/>. The website features a large logo of a speech bubble with a padlock, followed by the word "Threema." in a large, bold font. Below the logo, the tagline "Seriously secure mobile messaging." is displayed. The navigation menu includes links for "Intro", "How to use", "What's New", "FAQ", "Download", and "Support". A paragraph of text describes Threema as a mobile messaging app that prioritizes security, highlighting "end-to-end encryption". To the right, there are links for "iOS" and "Android". Below the text, two key features are highlighted: "End-to-end encryption" with a padlock icon and "Synchronize contacts" with a circular refresh icon. A smartphone mockup on the right side of the page shows the app's interface, including a "My ID" section and a "Key Fingerprint" with a long alphanumeric string.

Firefox

<https://threema.ch/en/>

threema

EN | DE




# Threema.


Seriously secure mobile messaging.


[Intro](#) [How to use](#) [What's New](#) [FAQ](#) [Download](#) [Support](#)

[iOS](#) | [Android](#)

Threema is a mobile messaging app that puts security first. With true **end-to-end encryption**, you can rest assured that only you and the intended recipient can read your messages. Unlike other popular messaging apps (including those claiming to use encryption), even we as the server operator have absolutely no way to read your messages.

 **End-to-end encryption**  
All encryption happens on your device, and asymmetric cryptography ensures that only the intended receiver can

 **Synchronize contacts**  
Find your friends on Threema automatically by synchronizing your contacts. Or add them manually if you prefer – it's your choice.



14:22  
4/24/2014

# Threema

- A Text messaging app that give you total end to end encryption of your messages
- For most security you hold phones facing each other to get encryption keys with a QR code.
- Even the Threema people can't unencrypt your messages.



# Signal

## Secure messaging made easy



**Signal - Private Messenger** 12+

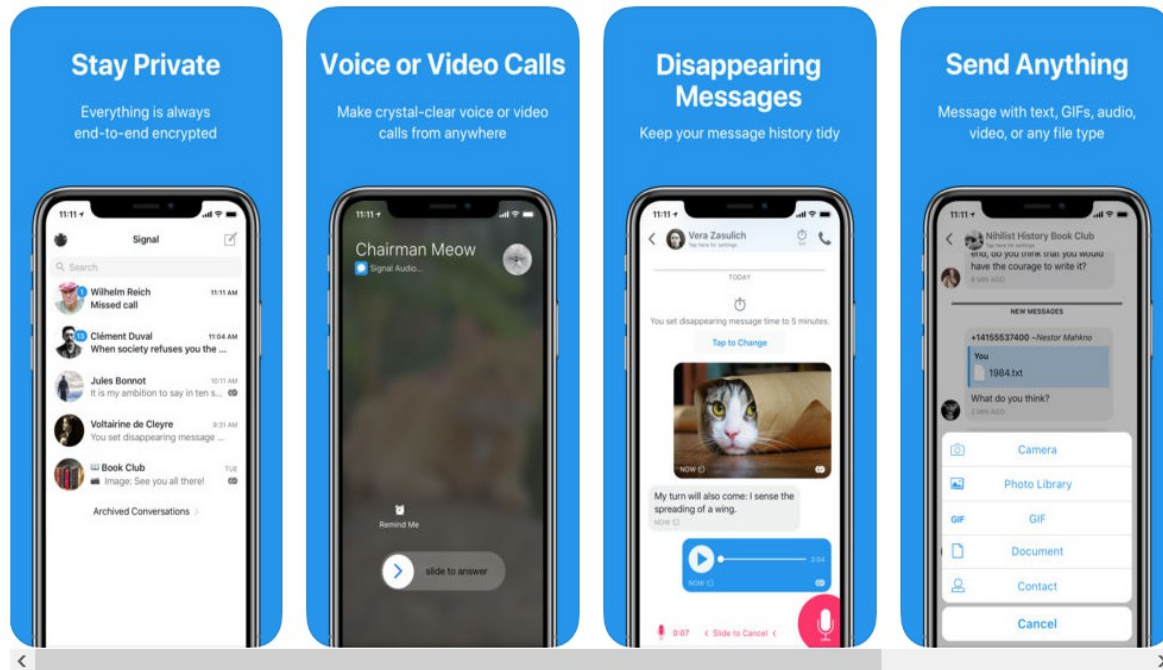
Open Whisper Systems

#69 in Social Networking

★★★★★ 4.7, 128.6K Ratings

Free

### iPhone Screenshots



# Backup

- You should have 3 copies of any important file
- The original, one copy on an external drive, one copy in the cloud in case your house burns down. You can set up a NAS (Network attached storage) drive on your router that all the computers in your office can access This can be your first level of backup
- **BACKUP SHOULD BE AUTOMATIC so you don't have to remember to do it.**
- You don't need to back up Windows and your program files, just the files that you create (Documents and settings)

# Backup starting at \$6/mo.

## Carbonite

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**Automatic »**

Carbonite backs up your

**Secure »**

Rest easy knowing your

**Affordable »**

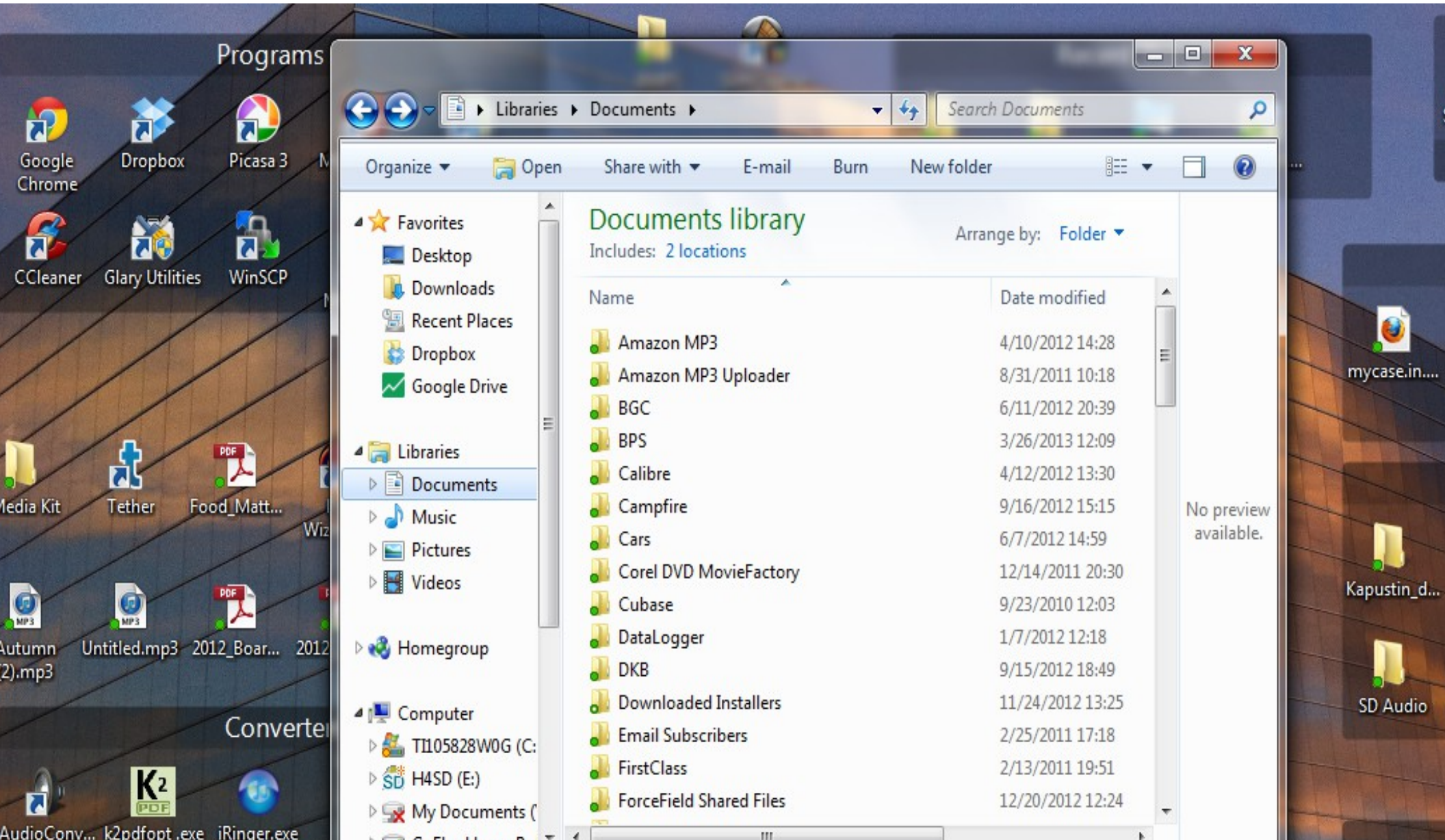
Protect all of your

**Small Business »**

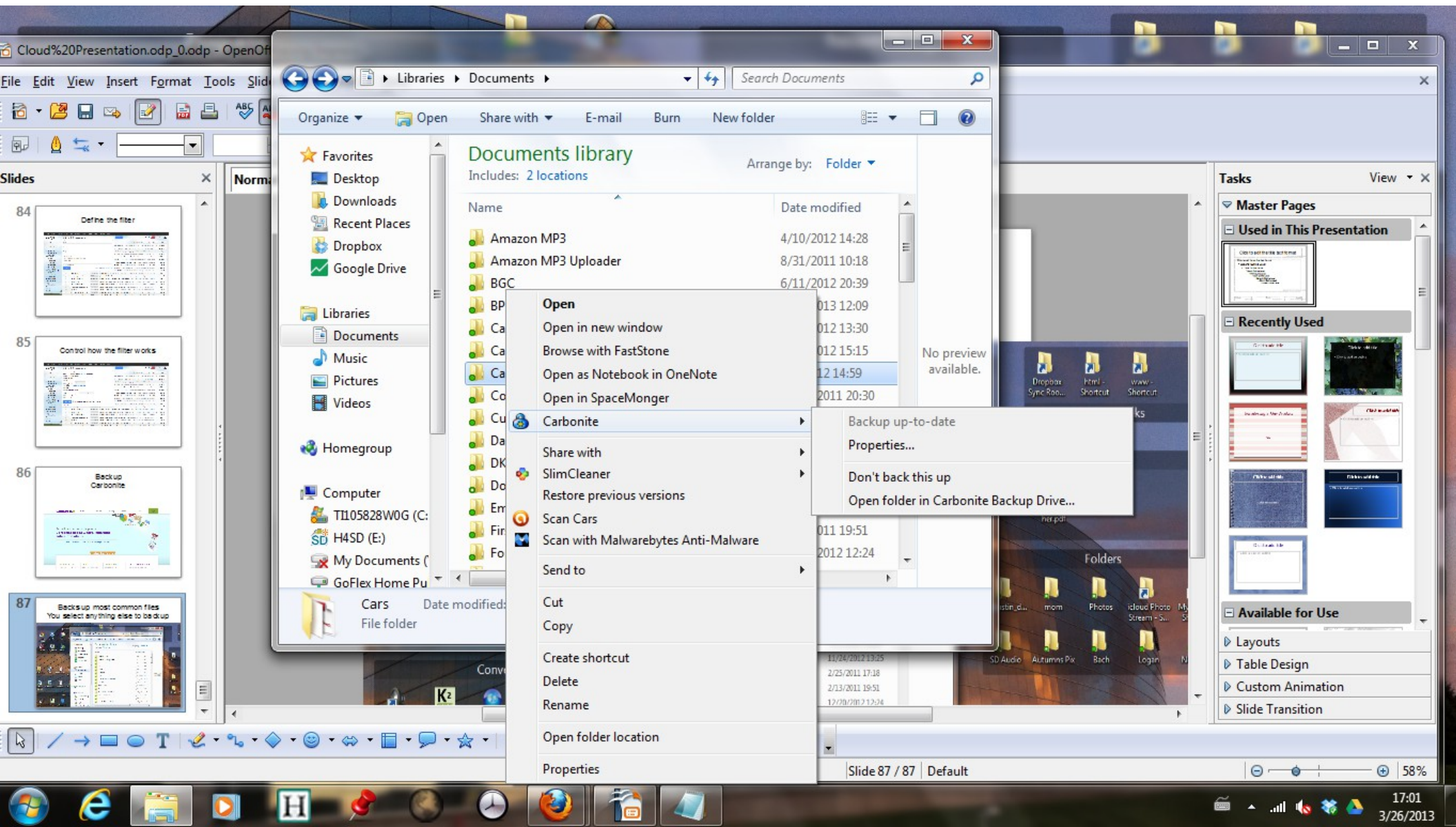
If you need to back up more

# Backs up most common files

## You select anything else to backup

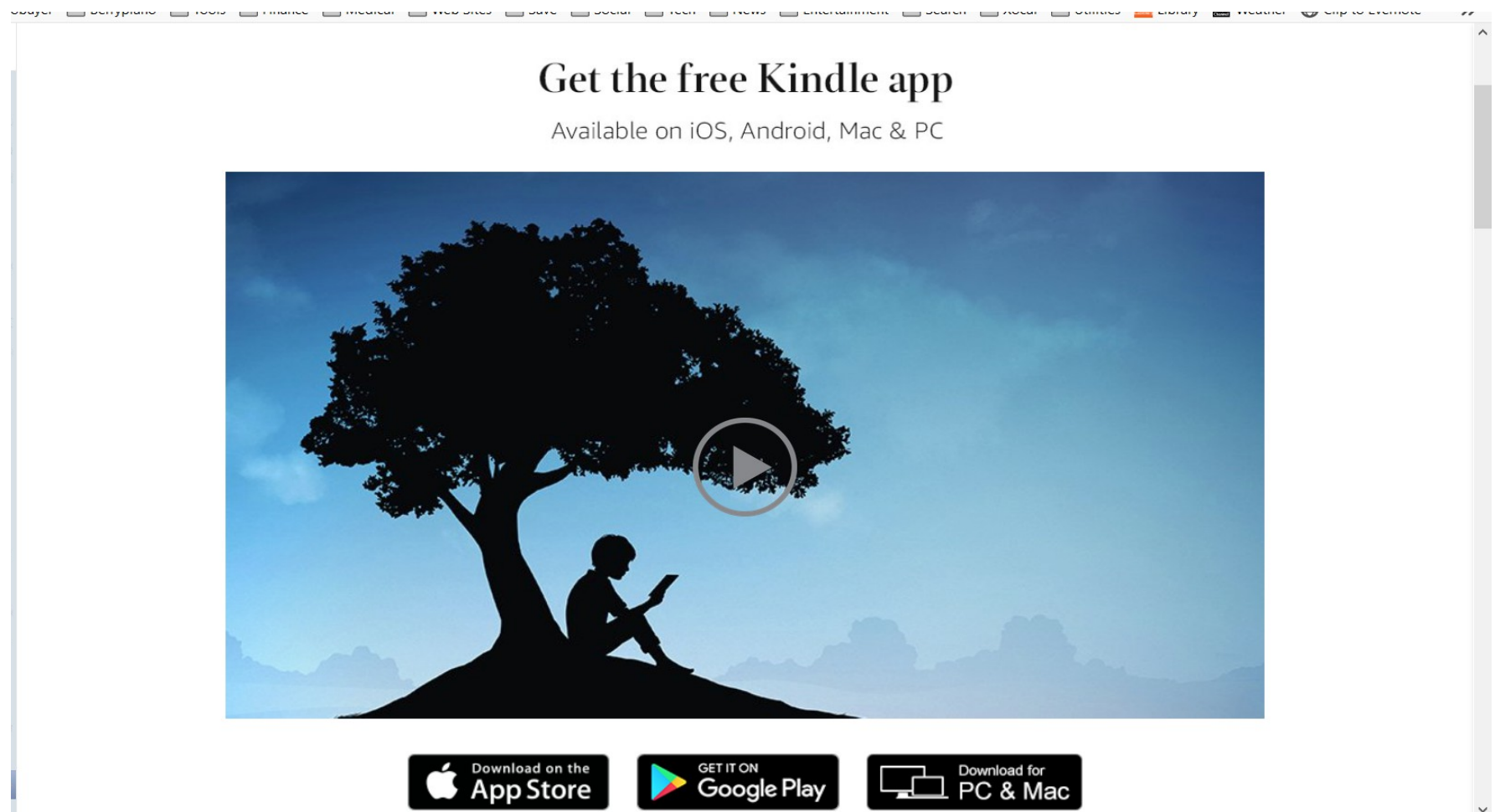


# Right click any file to get carbonite menu



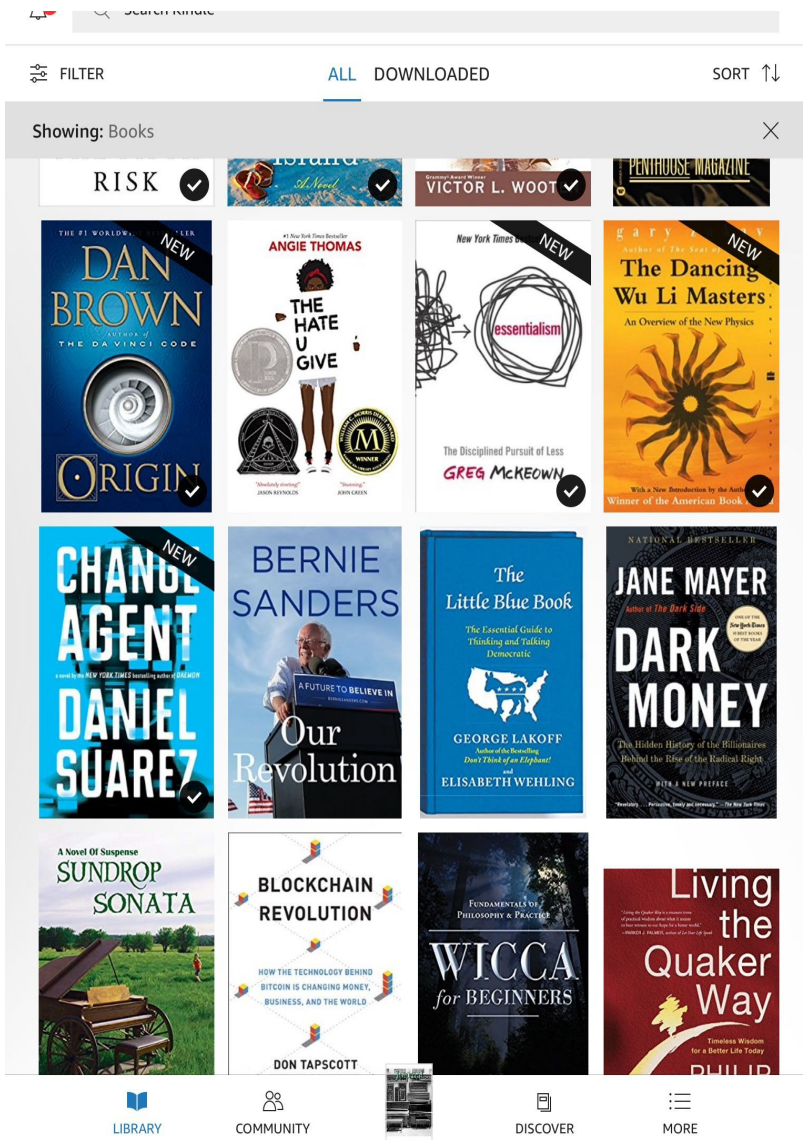
# Kindle App for iPad

Read your books on your iPad. I download the PT Journal files from myptg and read them on the iPad. The entire Amazon library is available in Kindle format.



The image shows a screenshot of a web browser displaying the Kindle app promotional page. At the top, there is a navigation bar with various categories like 'Buyer', 'Technology', 'Tools', 'Finance', 'Medical', 'Web Sites', 'Golf', 'Social', 'Tech', 'News', 'Entertainment', 'Search', 'Local', 'Series', 'Library', 'Weather', and 'Clip to Evernote'. The main heading reads 'Get the free Kindle app' in a serif font, with the subtext 'Available on iOS, Android, Mac & PC' below it. The central image features a silhouette of a person sitting on a hill under a large tree, reading a book, with a play button icon overlaid on the scene. At the bottom, there are three download buttons: 'Download on the App Store' with the Apple logo, 'GET IT ON Google Play' with the Google Play logo, and 'Download for PC & Mac' with a computer icon.

# Kindle App



## Editorial Perspective



### Piano Moment, Wonderful Moment

By Ed Sutton, RPT  
Journal Editorial Staff

Mindfulness trainers remind us to stay in the moment, and that is good advice. But as I sit happily in my present moment, I wonder, has anyone defined how big a moment is, how long, how high or wide, how many dimensions it has? Maybe a moment is as long, tall and wide as you can make it, as rich and full as you can make it. As you tune a unison, can you feel connected to the first people who plucked a stretched sinew or vine and heard a new sound, a sound not like any other sound in their worlds? Can you feel the wonder of the first persons who learned to fix that big, crude string to a hollow tree trunk and to play the sound? That Paleolithic string drum was once the forefront of musical instrument technology! That first hearing and playing is where the piano in front of you comes from, and the piano you are tuning exists to satisfy that same human need to play, organize and give meaning to sound, a need that exists in you and me, as it did in our predecessors millennia ago.

Shortening our conscious moment a bit, this issue of the Journal begins with the era of the Viennese pianoforte, a piano that took an established form by the end of the 18<sup>th</sup> century, and advanced and flourished until about 1850. The Viennese action could not be well adapted to play increasingly heavy hammers, though it continued in use for the rest of the 19<sup>th</sup> century. But from about 1780 through 1840, it was the piano of choice of the composers who created much of the canon of what today we call classical music.

One thing we learn by studying this era is that the piano moment is ever-changing and growing. If we think we know exactly what a piano is, how to prepare it and tune it, we might do well to extend our moment. If there is a front edge to our moment, we might want to prepare to catch a ride on the next wave as it passes us, hoping it will lift us rather than wash us away.

Notice the roles that people play in this moment: Stein, Streicher, Haydn, Beethoven, Schumann, Brahms, Hood, Bilson, Fandrich, Barenboim, Maene. Every one of these people has a role in the big story, and the story is not finished. It may be getting ready to take an unexpected turn.

It's good work and a rich place to be, riding the crest of piano history forward.

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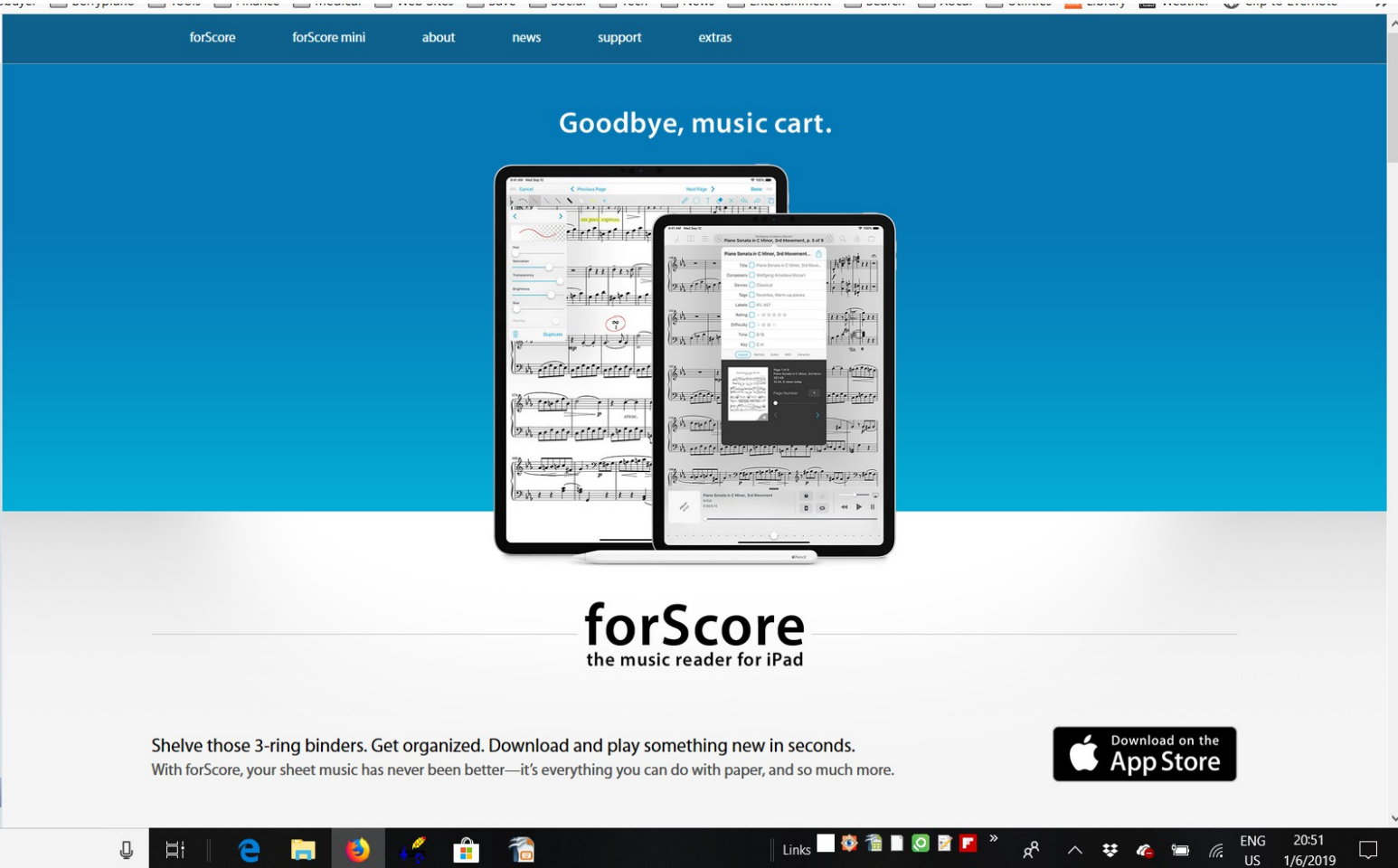
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# forScore iPad App

Basically a Kindle app for music. Save and read your music on iPad. You can add any PDF file to the library. You can make annotations on your music. There is a bluetooth foot pedal for turning pages.



The screenshot displays the forScore website on a desktop browser. The website has a dark blue header with navigation links: forScore, forScore mini, about, news, support, and extras. Below the header is a large blue banner with the text "Goodbye, music cart." in white. In the center of the banner are two iPads. The iPad on the left shows a music score with a red circle around a note and a yellow highlight. The iPad on the right shows a settings menu for a piece of music titled "Piano Sonata in C Major, 3rd Movement, op. 5, 1st". Below the banner, the forScore logo is displayed with the tagline "the music reader for iPad". At the bottom of the page, there is a promotional text: "Shelve those 3-ring binders. Get organized. Download and play something new in seconds. With forScore, your sheet music has never been better—it's everything you can do with paper, and so much more." To the right of this text is a black button with the Apple logo and the text "Download on the App Store". The browser's address bar and Windows taskbar are visible at the bottom of the screenshot.



# ForScore iPad App

Browser | Desktop | Tools | Finance | Medical | Web Sites | Save | Social | Tech | News | Entertainment | Search | Local | Games | Library | Weather | Clip to Evernote

## Amazingly Powerful

Annotate, create setlists, rearrange pages, add bookmarks, play along to an audio track, and more with an arsenal of tools to help you turn practice into performance.

[Learn more >](#)

## Blazingly Fast

Every millisecond counts. That's why forScore uses adaptive caching to help make page turns virtually instantaneous, without ever getting in your way.

[Learn more >](#)

## Simply Gorgeous

Designed exclusively for iOS, our clean interface gives you quick access to the tools you need, then fades away completely so you can focus on your music.

[Learn more >](#)

## Incredibly Flexible

Whether you're working with the compact iPad mini or the expansive iPad Pro, forScore scales beautifully and fully supports Split View and Slide Over multitasking.

[Learn more >](#)

## Automatically Organized

Forget files and folders—forScore uses dynamic library organization to ensure that your menu listings are always up-to-date. It's what you want, not where you left it.

## Well-Connected

Save PDFs from the web, use services like Dropbox and Box, or find something new to play from Musicnotes.com. It's the world's library, just millimeters thick.

ENG 20:52  
US 1/6/2019

# ForScore App

20:45 Sun Jan 6

90%

J. S. Bach — Cantata No. 82

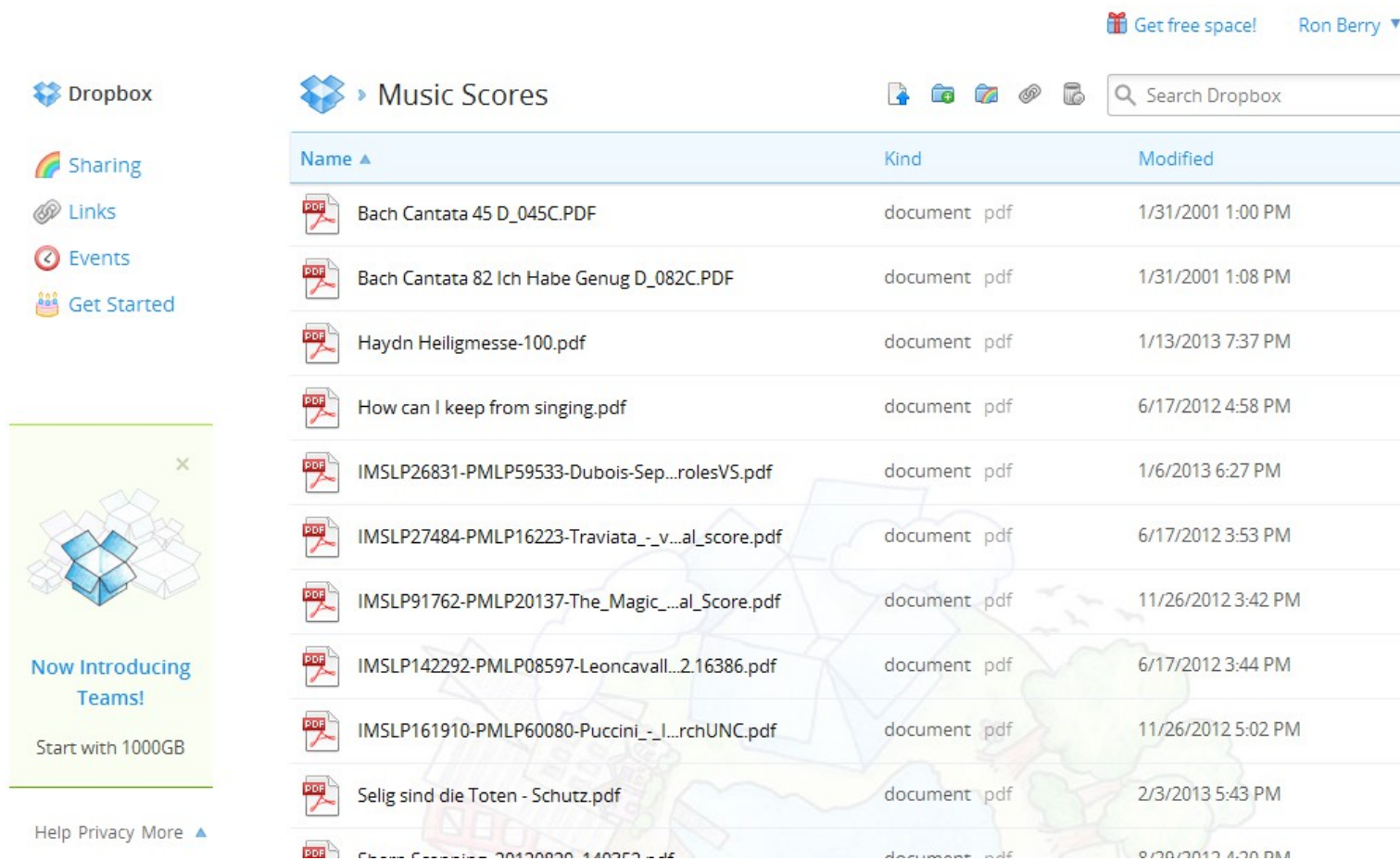
The image displays a page of musical notation from the ForScore app. It features a piano accompaniment consisting of three systems of grand staff notation (treble and bass clefs). The key signature is one flat (B-flat), and the time signature is 4/4. The first three systems are purely instrumental. The fourth system introduces a vocal line in the bass clef, with the lyrics: "BASS. Ich ha - be ge - nug, I ask for no more,". The fifth system continues the piano accompaniment and the vocal line with the lyrics: "Ich ha - be ge - nug, in peace I de - part, go - de -".

# Dropbox

## Share files with other people/computers

Opera scores are at [imslp.org](http://imslp.org)

Choral Scores are at [cpdl.org](http://cpdl.org)














The screenshot shows the Dropbox web interface. On the left, there is a sidebar with navigation options: Dropbox, Sharing, Links, Events, and Get Started. Below this is a promotional banner for 'Now Introducing Teams!' with 'Start with 1000GB' and links for 'Help Privacy More'. The main content area shows a folder named 'Music Scores' with a search bar and a table of files. The table has columns for 'Name', 'Kind', and 'Modified'. The files listed are PDF documents, including Bach Cantata 45 D\_045C.PDF, Bach Cantata 82 Ich Habe Genug D\_082C.PDF, Haydn Heiligmesse-100.pdf, How can I keep from singing.pdf, IMSLP26831-PMLP59533-Dubois-Sep...rolesVS.pdf, IMSLP27484-PMLP16223-Traviata\_-\_v...al\_score.pdf, IMSLP91762-PMLP20137-The\_Magic...al\_Score.pdf, IMSLP142292-PMLP08597-Leoncavall...2.16386.pdf, IMSLP161910-PMLP60080-Puccini\_-\_I...rchUNC.pdf, Selig sind die Toten - Schutz.pdf, and a partially visible file 'Chorus Cantata - 20120820\_140352.pdf'.

Get free space! Ron Berry ▾

Dropbox

Music Scores

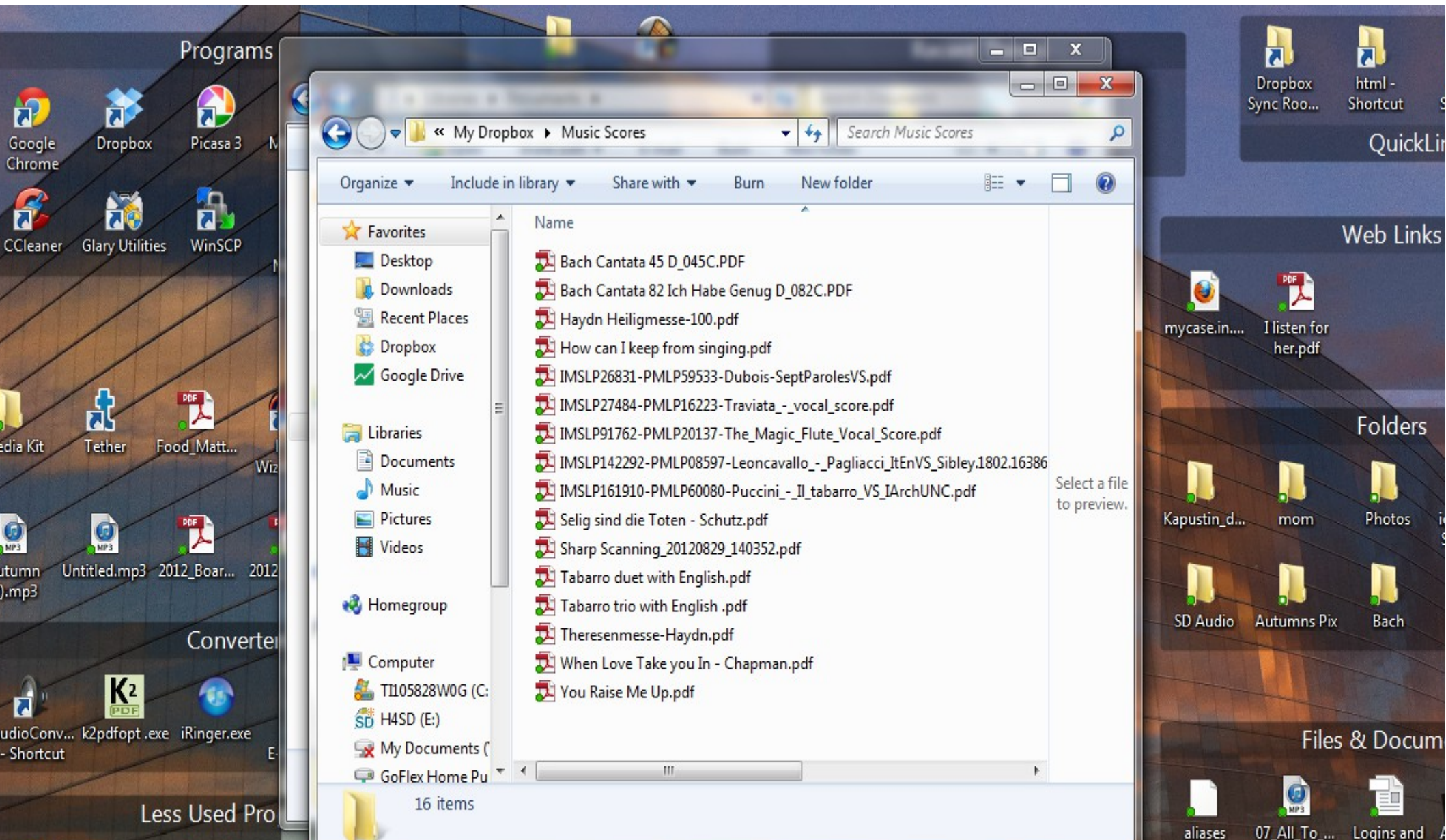
Search Dropbox

Name ▲	Kind	Modified
 Bach Cantata 45 D_045C.PDF	document pdf	1/31/2001 1:00 PM
 Bach Cantata 82 Ich Habe Genug D_082C.PDF	document pdf	1/31/2001 1:08 PM
 Haydn Heiligmesse-100.pdf	document pdf	1/13/2013 7:37 PM
 How can I keep from singing.pdf	document pdf	6/17/2012 4:58 PM
 IMSLP26831-PMLP59533-Dubois-Sep...rolesVS.pdf	document pdf	1/6/2013 6:27 PM
 IMSLP27484-PMLP16223-Traviata_-_v...al_score.pdf	document pdf	6/17/2012 3:53 PM
 IMSLP91762-PMLP20137-The_Magic...al_Score.pdf	document pdf	11/26/2012 3:42 PM
 IMSLP142292-PMLP08597-Leoncavall...2.16386.pdf	document pdf	6/17/2012 3:44 PM
 IMSLP161910-PMLP60080-Puccini_-_I...rchUNC.pdf	document pdf	11/26/2012 5:02 PM
 Selig sind die Toten - Schutz.pdf	document pdf	2/3/2013 5:43 PM
 Chorus Cantata - 20120820_140352.pdf	document pdf	8/20/2012 4:20 PM

Now Introducing Teams!  
Start with 1000GB

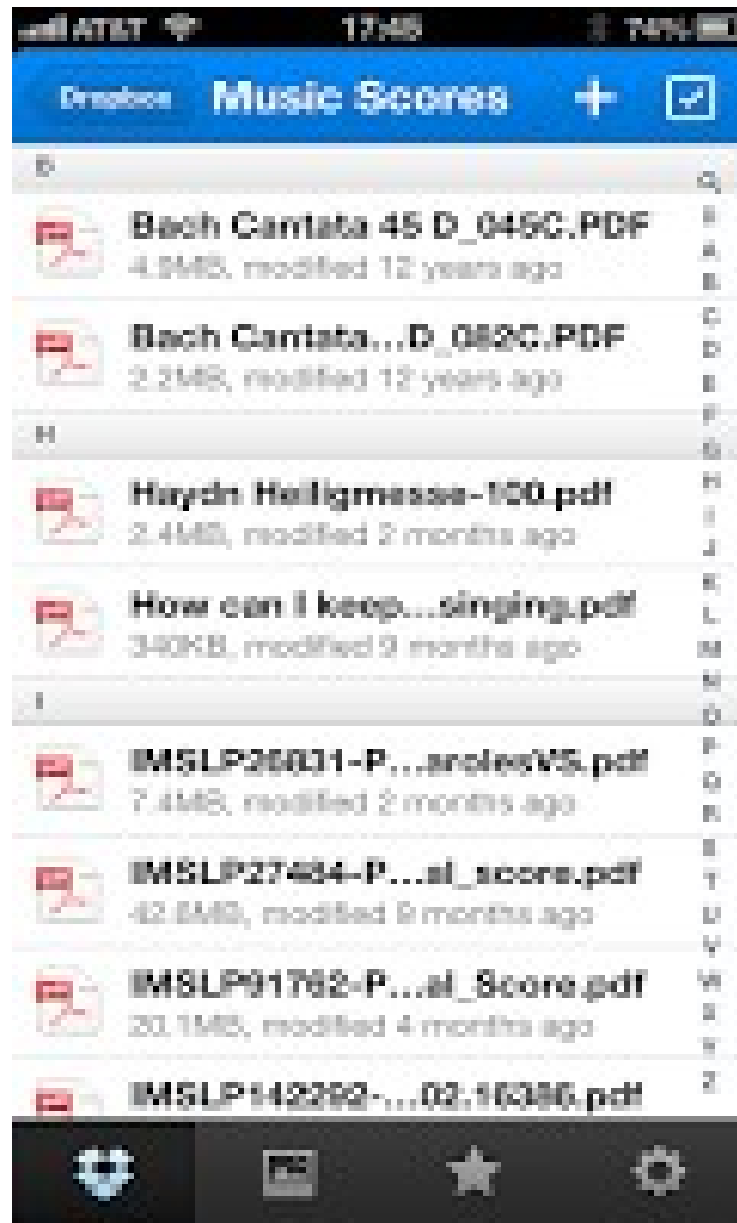
Help Privacy More ▲

# Dropbox – Local file on your computer



# Dropbox

## Share files from computer to phone



# Google Drive

Includes document editing. Can be your file cabinet and your word processor. Then you can share the files with others.

The screenshot shows the Google Drive interface within a Mozilla Firefox browser window. The address bar displays the URL <https://drive.google.com/?tab=mo&authuser=0#my-drive>. The page features the Google logo, a search bar, and a user profile for '+Ron'. On the left, a sidebar lists navigation options: My Drive, Shared with Me, Starred, Recent, Trash, and More. Below these is an 'Install Drive for your computer' button. The main content area shows a table of files and folders in 'My Drive'.

<input type="checkbox"/>	TITLE	OWNER	LAST MODIFIED
<input type="checkbox"/>	★ Audio	me	4/24/12 me
<input type="checkbox"/>	★ Big Chill	me	Mar 27 me
<input type="checkbox"/>	★ BPS	me	4/24/12 me
<input type="checkbox"/>	★ CloudCam	me	8/11/13 me
<input type="checkbox"/>	★ cwr	me	4/24/12 me
<input type="checkbox"/>	★ Documents	me	5/31/12 me
<input type="checkbox"/>	★ Fool	me	Apr 7 me
<input type="checkbox"/>	★ Foundation Shared	Clint Sears	11/11/13 Clint Sears
<input type="checkbox"/>	★ Harmonie	me	Jun 24 me
<input type="checkbox"/>	★ John Strange	me	9/12/11 me
<input type="checkbox"/>	★ Journals	me	4/24/12 me
<input type="checkbox"/>	★ Julie	me	4/24/12 me
<input type="checkbox"/>	★ Kent	me	4/24/12 me

At the bottom left of the interface, storage usage is shown: 101.39 GB (74%) of 136.01 GB. The Windows taskbar at the bottom includes icons for Internet Explorer, File Explorer, VLC, a clock, a pushpin, Google Chrome, Mozilla Firefox, and a calendar. The system tray shows the time 17:58 and date 6/26/2014.

## Customers can set their own appointments

LOGIN

-»manage your business from anywhere, on any device

+use any combination of phone, postcards, or email "eBookings" to make contact with, and book, your clients

+store and track multiple pianos per client with disparate symmetrical or asymmetrical service schedules

+optimize routes and schedules on the fly with our powerful geo-coded booking system

+send emails empowering your clients to book themselves online into optimal slots with their smartphones, tablets, or computers

+reduce fuel consumption, downtime, and phonetag

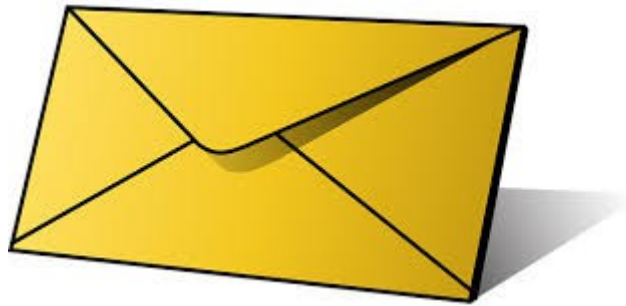
+upsell your clients through automated "ebookings"

+complete data (csv) download and calendar support: all your data are all yours all the time



# Start collecting emails from Customers

We will show a couple of customer management programs. All of this requires getting email addresses from your customers. It is much easier to set up appointments with email than by phone.

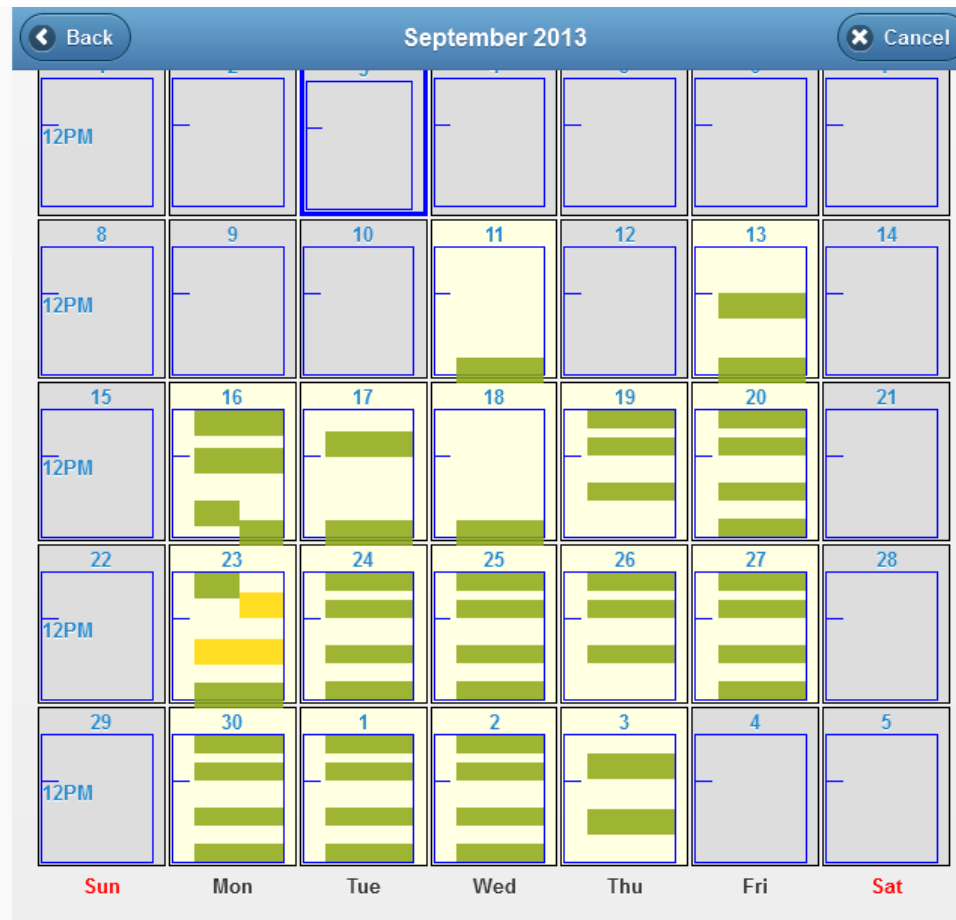




# PiANOcal

## Pick a geolocated time slot

Your customers get an email with a link to your calendar. They see this view and can choose a time slot convenient to them, but geolocated so it will be convenient to you also.



# PiANOcal

## Your schedule for the day

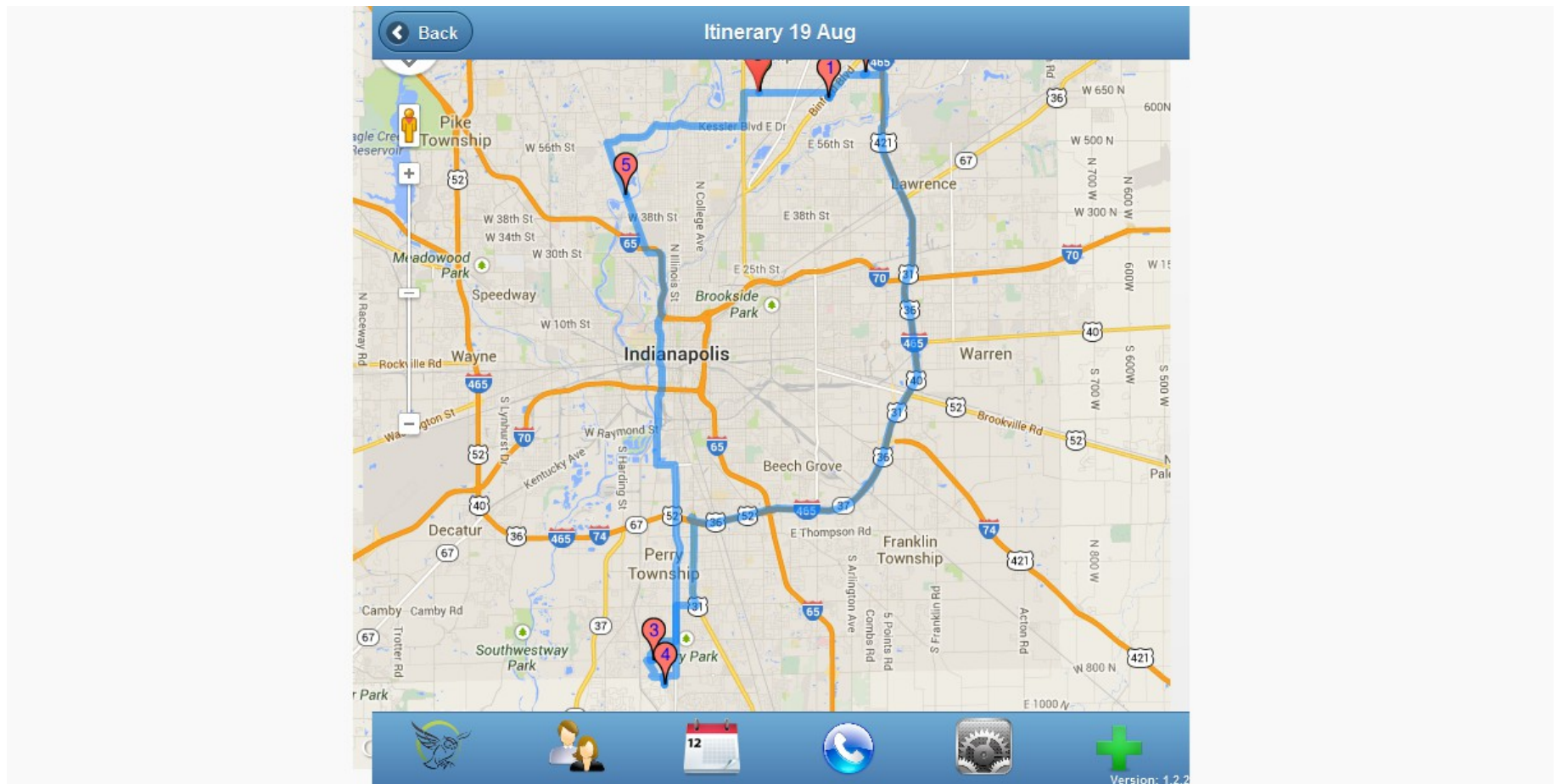
Shows your appointments along with piano information. Notice the drive time and buffer time calculated in. Can export your calendar to Google Calendar



# PiANOCal

## groups appointment into a sensible route

Even when you go to the other side of town it helps group appointments near there. It show appointment times near your other appointment.



# PiANOCal

## Appointment details

View the details of the current appointment.

The screenshot displays the 'Appointment' screen in the PiANOCal mobile application. At the top, a blue header bar contains the word 'Appointment'. Below this, a white card displays the appointment details for 'Eric Applegate'. The card is divided into several sections: a location section with a map icon and the address '5314 Deer Creek Drive INDIANAPOLIS IN'; a piano section with a piano icon and details 'BOSTON Model: UP-118S SN: B148709 Every 12 months.'; a service section with the text 'Service Tuning 1 hr 10 min'; and a date section with a calendar icon and the text 'On Friday 11 October 2013 3:30 PM'. Below the card, there are three buttons: 'View Day in Calendar', 'Edit Appointment', and 'Delete Appointment'. At the bottom of the screen is a blue dock with several icons: a bird, a person, a calendar, a globe, a gear, and a green plus sign. The text 'Version: 1.2.2' is visible in the bottom right corner of the dock.

Appointment

Eric Applegate

5314 Deer Creek Drive  
INDIANAPOLIS IN

BOSTON  
Model: UP-118S  
SN: B148709  
Every 12 months.

Service *Tuning*  
1 hr 10 min

On Friday  
11 October 2013  
3:30 PM

View Day in Calendar

Edit Appointment

Delete Appointment





Version: 1.2.2

# PiANOCal

## Piano records and service history

Shows the pianos for that customer and past service records.

The screenshot displays the 'Client Profile' section of the PiANOCal application. It features a list of four piano records, each with a piano icon, a name, location, service frequency, last service date, and service due date. A 'History' link is provided for each record. The interface includes a navigation bar at the bottom with icons for home, user profile, calendar, phone, settings, and a plus sign. The version number 'Version: 1.2.2' is visible in the bottom right corner.

Client Profile	
	Room: Upstairs Service every 12 months. Last service: 4 Sep 2013 Service due: 4 Sep 2014 <a href="#">History</a>
	<b>KIMBALL</b> Last service: 2 Sep 1992 Service due: n/a <a href="#">History</a>
	<b>STEINWAY M (GR)</b> Room: Choir Service every 12 months. Last service: 4 Sep 2013 Service due: 4 Sep 2014 <a href="#">History</a>
	<b>ACROSONIC (SP)</b> Room: Office Service every 12 months. Last service: 7 Jan 2009 Service due: 7 Jan 2010 <a href="#">History</a>

Version: 1.2.2

# PiANOcal

## Callback information

Controls for seeing who is due for an appointment. You can export callback information to a print service such as Click2Mail



# PiANOcal

## configure your calendar

I can block off Thursday afternoon for taking the granddaughter to piano lessons. This keeps anyone from scheduling during that time.

The screenshot displays the 'Unavailable Slots' configuration interface. The top bar contains a 'Cancel' button and the title 'Unavailable Slots'. The main area is a grid with time slots on the left and days of the week (M, T, W, T, F) as columns. The 'T' column is highlighted in blue for all slots from 3:00 PM to 4:45 PM, indicating these slots are blocked. The bottom navigation bar includes icons for home, users, calendar, phone, settings, and a plus sign, with the text 'Version: 1.2.2' in the bottom right corner.

Time Slot	M	T	W	T	F
1 PM					
1:15					
1:30					
1:45					
2 PM					
2:15					
2:30					
2:45					
3 PM					
3:15					
3:30					
3:45					
4 PM					
4:15					
4:30					
4:45					

# PiANOCAL

- Telephone is a convenient way to set up appointments but you play phone tag and can never get them on the phone to talk.
- Email is a difficult way to set up an appointment, takes many emails back and forth and setting up contingent appointments in your calendar.
- PiANOCAL gives you the convenience of email without the phone tag!
- To sign up go to <http://pianocal.com>
- For a \$50 coupon toward the service, use the login code  
GEOCAL2020



# Form on my website for customer to request an appointment link

send you an email back with a link to the calendar. It only takes a minute, and eliminates phone tag. I hope you will find this useful. Of course, you can always call on the phone at (317) 255.8213.

I would like to set up an appointment

Name *	<input type="text"/>
Street Address *	<input type="text"/>
City *	<input type="text"/>
Zip Code *	<input type="text"/>
Your Email Address *	<input type="text"/>
Phone	<input type="text"/>
Other Comments/Instructions	<input type="text"/>
<input type="submit" value="Submit"/>	

- [Music](#)
- [Photos](#)
- [Regulation](#)
- [Voicing](#)

#### Categories

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- [Technical](#)
- [Uncategorized](#)

#### Interesting Sites

- [Fun Resources for Students](#)
- [Piano Puzzler](#)
- [Piano Technicians Guild](#)

#### Tags

[Bridge Buy piano](#) [Cleaning Damper](#) [Hammers](#) [Humidity](#) [ivory](#) [keytops](#) [Pedal](#) [Regulation](#) [string](#) [Tuning](#) [Videos](#) [Voicing](#)

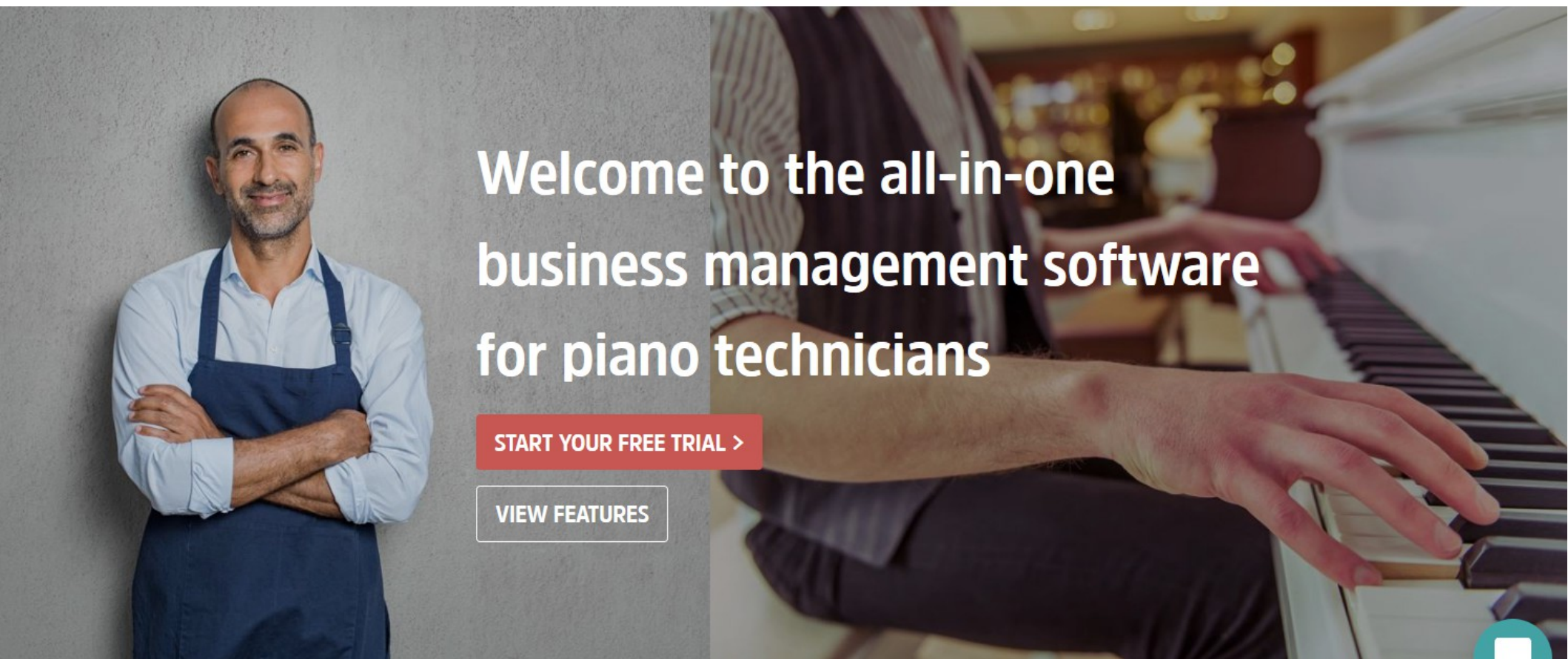
Here is a screenshot of the calendar. It's easy to use. You just click on a time.

# Gazelle



[home](#) [features](#) [pricing](#) [contact](#) [blog](#) [login](#)

[FREE TRIAL >](#)



Welcome to the all-in-one  
business management software  
for piano technicians

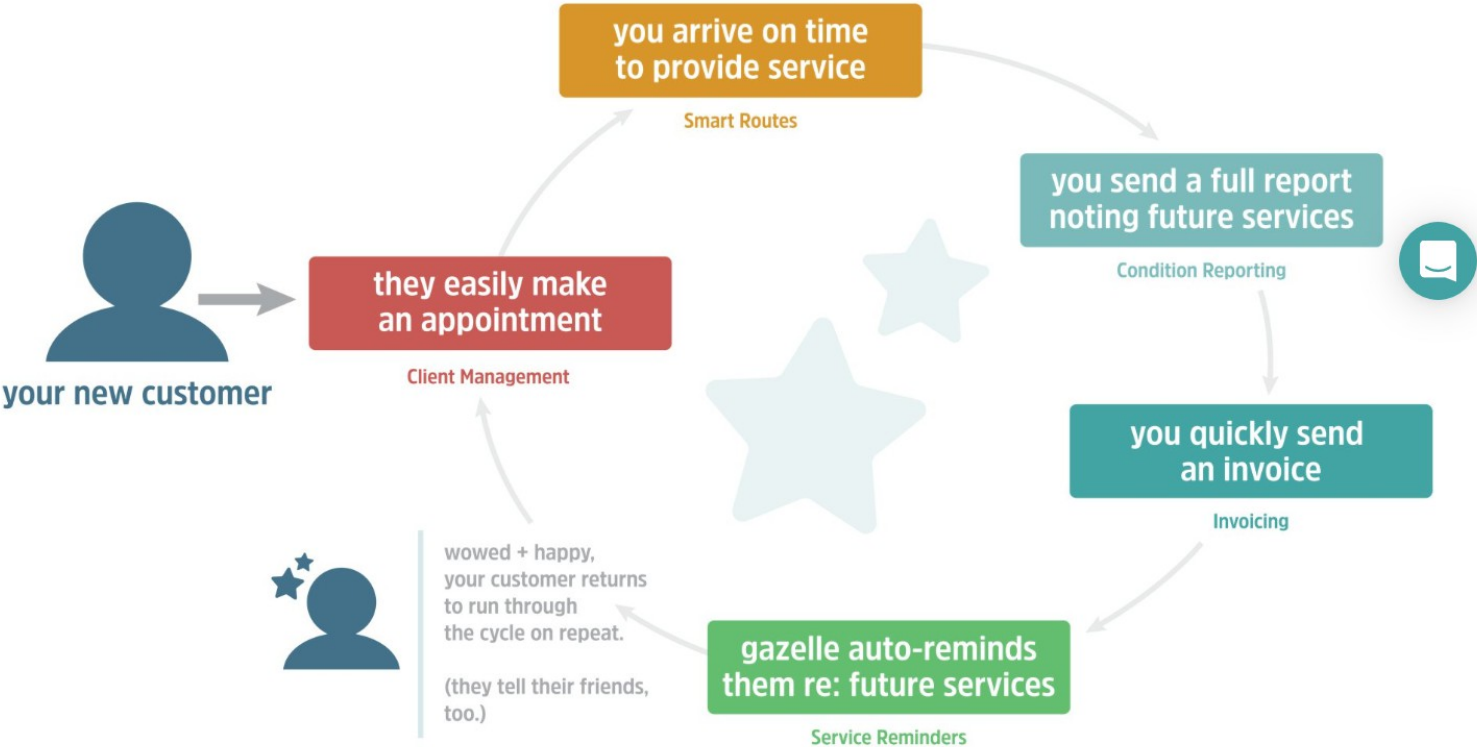
[START YOUR FREE TRIAL >](#)

[VIEW FEATURES](#)

# Gazelle Network

- Has a very complete database for record keeping.
- Contacts customers for future appointments.
- Has very good marketing tools to generate new and additional business.
- Includes invoicing
- Plans your route

# Gazelle



# my.ptg.org

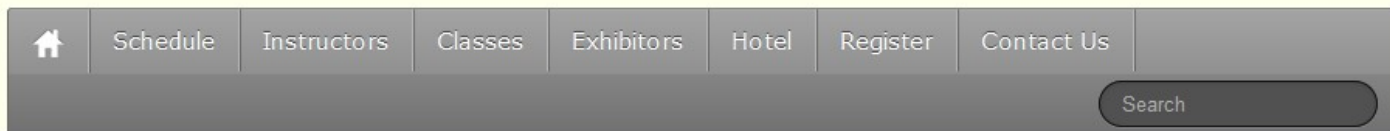
Pianotech and a lot of other discussion groups, Plus libraries of documents.

The screenshot shows the my.ptg.org website in a browser window. The browser's address bar displays "my.ptg.org/home" and the search bar contains "signal". The website's navigation menu includes "Home", "My Profile", "Communities", "Directory", "Browse", "Companion Sites", "Participate", and "Help". A search box is located on the right side of the navigation bar. The main content area features a large banner for the "PTG ANNUAL CONVENTION & TECHNICAL INSTITUTE" held in Tucson, AZ, from July 10-13, 2019. The banner includes the text "Notes From the Past KEYS TO THE FUTURE" and a piano keyboard graphic. To the right of the banner is a "Member's Corner" section with links to "January Journal", "PTG E-news", "PTG Leader Letter", and "PTG Academy Online". Below the banner are three columns: "Latest Discussions" with a post titled "For the screwstringer fans out there..." by Christopher Storch; "Recent Shared Files" with a post titled "RE: Just intonation offets" by Roshan Kakiya and "Custom Keyboard Manufacturing Design Methodology and ..." by Richard Cromwell; and "Executive Outlook" with a post titled "The 2019 PTG Convention – Tucson, Arizona" by Paul Brown, RPT, PTG President. The bottom of the screenshot shows the Windows taskbar with various application icons and the system tray displaying the date and time as 16:55 on 1/5/2019.

# Come to Kansas City (Overland Park) in Sept 24-27, 2020 for MRCO

[midwestptg.com](http://midwestptg.com)

## Piano Technicians Guild Midwest Regional Conference, Davenport, IA, September 25-28, 2014



Get off your couch and come to Davenport to hone your skills. From basic tuning to high level voicing, we have a fully packed schedule of piano technology



We have a seminar planned with classes for every technician at every level. This is the first seminar for the combined Central East and Central West



Exhibit of pianos and suppliers are always a part of our conventions.

# Thank you for listening

Once a Nerd, always a Nerd

