#### Online and Virtual Collaboration: The future is now

Rodney S. Dowell, Esq., Director

Massachusetts Law Office Management Assistance Program

E. Susan Elliott, LSM Good Elliott Hawkins LLP

Solo and Small Firm Conference and Expo
May 14, 2010



The Law Society of Upper Canada



Continuing Legal Education

#### Online and Virtual Collaboration: The future is now.

Rodney S. Dowell, Esq.
Director, Law Office Management Assistance Program

E. Susan Elliott, LSM Good Elliott Hawkins LLP

The internet computing "cloud" now provides us a plethora of new tools that allow a firm to communicate within and without your firm, to create an intra-office web-site, to closely collaborate with clients on projects, or simply keep them informed of the status of the case. This allows for the development of the new law firm which is not hampered by location. Rather, high quality legal services can, by and large, be provided from anywhere. The lawyer can now stay in close touch with all stake-holders in a manner that maintains personal relationships and allows for close collaboration. However, for most lawyers the benefits of the "cloud computing" are mainly (1) increased mobility allowed by the ability to access information from anywhere; and (2) reduced IT costs resulting from the SaaS (software as a service) vendor providing updates and support. The lawyer gains mobility and is freed from the additional costs of sophisticated hardware and maintenance/support otherwise required to develop and maintain a sophisticated system. We will be reviewing programs and tools accessible on the cloud such as word processing and collaboration, E-Discovery, on-line backup, and practice management applications.

There are some excellent articles and blogs that can help further clarify the tools and how to effectively use them. These include a recent Law Practice Today article, *The ABC's of Cloud-Based Practice Tools*, by Josh Poje which introduce the factors the factors that lawyers should use to make a decision about using cloud-based applications versus traditional software. Dennis Kennedy and Tom Mighell wrote *The Lawyer's Guide to Collaboration Tools and Technologies*, and the associated blog of the same name.

#### ETHICS CONCERNS

Important issues that arise when thinking about using SaaS products, especially the free offerings, are the ethical and legal obligations regarding confidentiality and client data privacy. The Arizona Bar issued an opinion in December 2009 regarding a lawyer who "wants to offer a service to clients that would allow clients online access to view and retrieve client files." In short, the opinion states that the lawyer has the duty to take "reasonable precautions to protect the security and confidentiality of client documents and information" and that was done in that case. Of note is the ongoing obligation to review if the information and documents remains secure over time.

More recently, the North Carolina Bar Association is reported to have issued a proposed Formal Ethics Opinion that explicitly allows for law firms to use SaaS providers. That opinion was specifically addressing whether the Canadian based SaaS case management provider, Clio, could be used by a

lawyer in North Carolina. In essence, the draft follows the thinking cited above, that the lawyer must use reasonable caution and sound professional judgment. This requires a review of the EULA (end user license agreement) or Terms of Use to ensure that you are not agreeing to download adware or spyware along with the free software, and also check for potential privacy concerns.

Carolyn Elefant who is the creator and author of My Shingle.com (which is a long-running blog on solo and small firm practice) has written a thoughtful letter to the North Carolina Bar Association urging them not to overlook the benefits of cloud computing to solo and small firm lawyers which she believes far outweigh the risks.<sup>1</sup>

It seems apparent that there may be issues with relying on free software or service providers for mission-critical data. If you use SaaS programs you must have some plan to back-up the data to a place where you can access the data regardless of the continued availability of the provider. You must ask yourself how the service is making money, and if it is not making money, will it be able to continue to provide the service. Also, if it goes bankrupt or liquidates who will own the data stored on the servers. The word to the wise is to exercise reasonable caution.

Recently the Privacy Commissioner of Canada has released a paper entitled *Reaching for the Cloud(s):* Privacy Issues related to Cloud Computing.<sup>2</sup> In the conclusion of the paper the Privacy Commissioner states:

The nature of cloud computing appears, on the surface, to create possible tensions between data protection/privacy agencies, ISPs and customers due to the uncertainty about which organization should be responsible in the case of privacy violations and how to hold companies who are located "in the cloud" responsible under Canadian legislation.

Areas of analysis in the paper include amongst others jurisdiction, security, data intrusions, misuse of data, data permanence and data ownership.

#### Cloud Computing - A Plethora of Software Providers

Practice/Case Management Software

<sup>&</sup>lt;sup>1</sup> Paper located at: www.myshingle.com/2010/04/articles/ethics-malpractice-issues/legal-ethics-of-cloud-computing/

<sup>&</sup>lt;sup>2</sup> Paper located at: www.priv.gc.ca/information/pub/cc 201003 e.cfm.

As a critical tool for excellent practice management we will look first at practice management tools. There are many players in this arena and the list seems to be growing. For solo and small firms I would suggest starting a search for appropriate case management software by looking at these three vendors:

- Clio
- RocketMatter
- HoudiniEsq.

These three practice management solutions have both front office features, including calendar, conflict checking, tickler system, and case management, and back office systems such as time and billing, financial reporting, and simple accounting tools. One advantage of SaaS, that is the quick deployment of improvements all handled by the provider, is really evident here because the developers of Clio and RocketMatter, in particular, are quickly improving their products as they compete for market share. It appears to me that Clio and RocketMatter have a better foundation then HoudiniEsq. However, HoudiniEsq is intriguing because it does provide a free version for solo lawyers. Of course there is minimal support for the free version and it is actually not cloud based. Rather it is accessed through a browser, but resides on the local hard-drive.

#### Telephone/Faxing/Virtual Reception on the Cloud

There are a number of large players providing cloud based voice-over-internet services which lawyers can use, keeping in mind, the ethics rules discussed above. Even where many of these companies do not look as if they are directly competitive based on their marketing, many of them have substantial overlap in features. For telephonic services the low cost leader is:

Skype

An alternative to Skype is:

Google Voice (unfortunately not yet available in Canada)

And other providers, which include electronic receptionist, are:

- FeatureTel
- VirtualPBX
- eVoice

Cloud based facsimile services abound and a comparison exists at FaxCompare.com. These include:

- MyFax
- eFax
- RingCentral
- RapidFAX

#### **Word Processing**

The limitations on SaaS provider's ability to provide products that as are feature rich as desktop tools is well demonstrated by the limitations shown by available word processing products. Lawyers that are used to the robust nature of Word or WordPerfect will find the SaaS products to be extremely limited. In particular, the programs have less ability to do complex formatting. The positive side of using these products is that the tool is available from any computer that has an internet connection; the documents can be stored on-line and are therefore always available. It also gives you some ability for simple on-line collaboration. Primary providers in this market are:

- Adobe Buzzword
- Google Docs
- Zoho

Buzzword is offered at Acrobat.com where you can also do PDF conversion, web conferencing, and office applications. Google Docs is actually a full suite of programs that include spreadsheets, word processing, presentation documents and form building. I recently received a Google Docs form document and I was impressed. Zoho also has a suite of cloud solutions, including word processing, web-based email, and wikis, among others. Microsoft has released its office suite web-apps which are intended to extend Microsoft Office 2010. You can now create simple spreadsheets, PowerPoint presentations, and a OneNote notebook, but there is no Word editing available at this time. On the upside, as of this writing you could still download Microsoft Office 2010 (beta) for free.

#### **Scheduling Tools**

Online scheduling tools are definitely some of the best tools provided online. As we all know, getting a group of people to agree to a meeting date is difficult, at best. While setting a meeting date within an organization can be done fairly simple with Outlook or Google Calendar, that access is not available for opposing counsel. Quit wasting hours of time scheduling depositions and mediations by embracing the online scheduling tools.

These programs allow the meeting organizer to designate which potential attendees will be invited, selects dates and times to propose to the attendees, then each attendee will respond via the web-site to confirm his or her availability at the selected times. Hopefully, there will be one date and time that works for all parties. If not, the software will allow the organizer to easily propose new dates and times. A large number of venders exist, which include:

- TimeBridge
- Doodle
- Meet-O-Matic
- ScheduleOnce
- Meeting Wizard

#### Web/Tele-Conferences

Closely following online scheduling in usefulness is online web-conferencing and free telephone conferencing tools. The web-conferencing tools allow you to participate in the virtual face-to-face meeting without the expense and time of travel. Give your marketing presentation, have a meeting, share web-pages, share your computer, whiteboard ideas, chat, or use the conference call feature. You can use the web-cam to create a video feed and also record the entire meeting. Some choices include:

- Dimdim
- GoToMeeting
- WebEx
- FuzeMeeting

If you just need a conference calling vendor try:

- Freeconferencecall
- FreeConference
- FreeConferenceCalling

#### Online Research

This is another area in which the cloud based programs rule supreme because of the speed, ease-of-use and availability of the information being sought. The legal research space has a plethora of vendors. There are many vendors in the legal research space with the giants being LexisNexis and Westlaw.

In Canada, CanLii<sup>3</sup> has become a serious competitor to LexisNexis and Westlaw as it offers free access to both caselaw and legislation including advanced search tools and noting up. As a relatively new database the main limitation of CanLII is that older cases are not available. However Ontario Court of Appeal cases from 1994 onward are available as are over 1465 selected appeal cases prior to 1994.

Other significant players are BNA, CCH, and Louislaw/Aspen. In addition, most bar associations provide some type of free research through providers such as Fastcase and Casemaker. Other online legal research sites include Findlaw, LexisOne, Google Legal Scholar, Cornell's Legal Information Institute, and GLIN.

#### Online Backup

<sup>&</sup>lt;sup>3</sup> www.canlii.org. CanLII is funded by lawyers in Canada through their annual fees paid to each law society.

While many individuals are wary of using online backup services they are an ideal part of an overall backup strategy if used appropriately. In creating a total disaster recovery program the lawyer must also consider some noted disadvantages of using online backup. Some people believe that the disadvantages include the time it takes for the initial backup and any on-line restores, security, and corporate longevity of the backup firm. Given the potential concerns lawyers must consider ethical obligations to ensure that the information is secure and the company is secure (at least based upon reasonably known information). In addition, it is very important to ensure that the data being transmitted is protected by appropriate encryption during its transmission over the internet and when being held by the third-party vendor. When looking at the issue of encryption of the backup data, lawyers should look at companies that allow the lawyer to be the sole holder of the encryption key. However, if the attorney is the sole holder of the encryption key then you must ensure that the key is securely kept. If the lawyer loses the key, the backup information is lost for good because the data cannot be unencrypted.

Companies to be considered for online backup include:

- LexisNexis,
- LiveVault/Iron Mountain
- eVault
- Mozy Pro
- Corevault
- i365 (a Seagate Company)
- Carbonite Pro
- SOS Online Backup

#### Remote Access to Your Computer and Files

It is hard for lawyers to be masters of the law and the technology which we now need to successfully run a law office. The challenges that we face include increased demands that we have strong tools to protect client's personal data, to prevent the loss of data resulting from a lost laptop, or lost USB flash-drives, and the constant confusion about which version of a document is the most current. The tools that allow you to automatically synchronize files across multiple computers and mobile devices automatically simplify our life because the documents are available regardless of which USB drive you picked up. You no longer need to carry a laptop or flash drive from place to place, and the most recent version of a document is always synchronized on your computer. As an additional benefit, these services act as a backup service to documents, and provide online storage making the files accessible anywhere and some give remote access to your computer.

- Microsoft's Live Mesh (includes remote desktop control)
- SugarSync
- DropBox
- MobileMe
- Box.net

For remote access/control of your computer, you can use:

- LogMeIn
- GoToMyPc

#### Collaborate Online

Most online collaboration sites are based upon wiki platforms where you can set up a front page where participants can share information, set out a common calendar, set tasks and reminders, and even share pictures. These platforms include:

- Google Sites (free)
- Microsoft Office Live Workspace (free, but only allows document collaboration)
- OfficeZilla (free)
- Dialawg (freemium)
- PBWorks (paid, but more full featured).

The practical issues with these sites range from difficulty of set-up to flexibility in use. Some, such as Microsoft Office Live Workspace do not work with iPhone or Firefox but work well with the core Microsoft products thanks to an add-in which integrates them seamlessly. Others, such as OfficeZilla have a long learning curve but provide a lot of extra features and options. All of them are worth exploring in this day of increased mobility. You will no longer be tethered to your office once you unleash the power of Cloud Computing.

Rodney S. Dowell, Esq., Director, *Massachusetts Law Office Management Assistance Program*, www.masslomap.org, http://twitter.com/rodneydowell, http://masslomap.blogspot.com.

# Online and Virtual Collaboration: The future is now.



Rodney S. Dowell, Esq., Director, Massachusetts Law Office Management Assistance Program

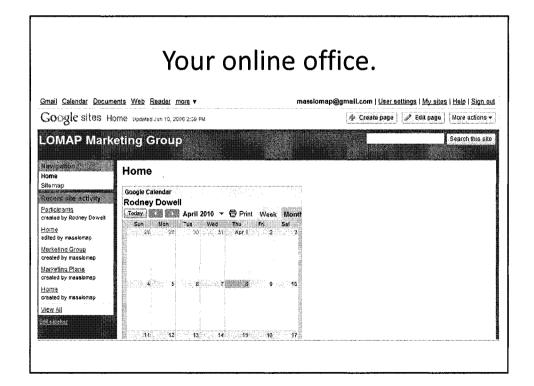
E. Susan Elliott, LSM, Good Elliott Hawkins LLP

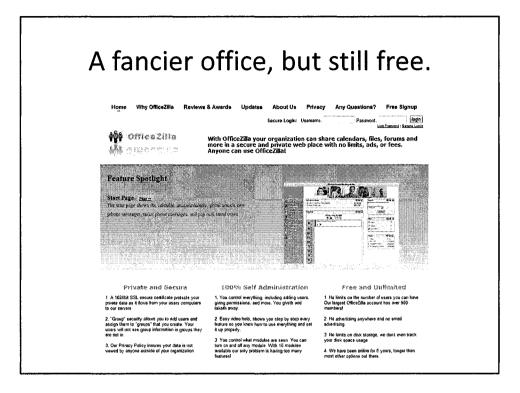
# Welcome to Cumulus & Cirrus, LLP

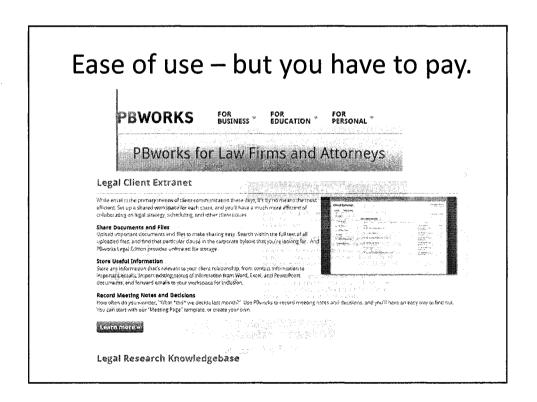


Law Office in the Cloud

# A New Type of Law Firm Virtual Law Practice Law Practice Virtual Law Practice Technology, LLC Mental Law Office Technology, LLC Mental Law Practice Technology, LLC Mental Law Practice Technology, LLC Mental Law Office Technology, LLC Mental Law Practice Technology, LLC Mental Law Office Technology, LLC Mental Law Practice Technology, LLC Mental Law Office Technology, LLC Mental Law Practice Technology, LLC Mental Law Office Technology, LLC Mental Law Practice Mental Law Practice Technology, LLC Mental Law Practice Technology T







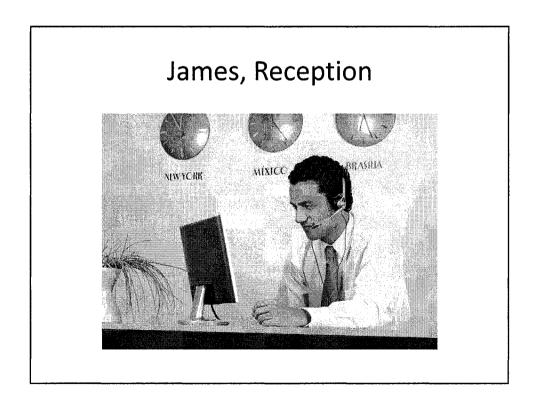
# Tracking Deadlines and Running a Business



# Keeping your case files in order.











Skype-to-Skype calls
Call a contact in one click, it's easy, fast and hee,
like about called Shoot to Shoot



Instant messaging
Type your conversalion in real-line instead of taking. Plus add people to thake a good of where the whole team can tak. A most to





Receive calls from anyone
Get numbers people can call from phones and mobiles. You can get a main number and get direct dials for your set? Numbers are available for over 20 countries Leacumces.



Video cathing
Talk face-to-face, even if you're on opposite sides
of the world. Skype-to-Skypo video calls are free.
All about video



Conference calls Stake and join conference calls -- even if you're on your mobile LoadsLands



Headsets
Browse a range of neededs to get the best sound quality on calls. See the conde



## Your Receptionist in the Cloud

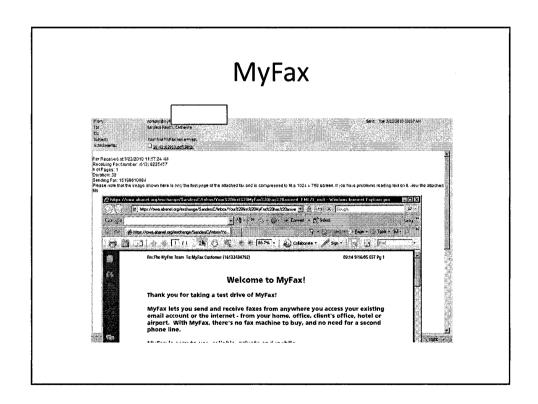
eVoice" A Radically Setter Phone Humbur"

#### eVoice Included Features

- . U.S. & Canada Local Numbers
- \* Toll Free Numbers + Auto Attendant

- Conference Calling
  - Professional Greekings
     Call Routing
- Music On Hold
- \* Olal-By-Name Directory
- · Speed Dist

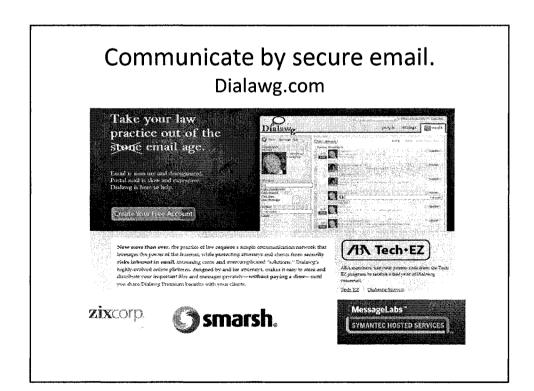




### Ray, PI Attorney

(Communicating confidential info)





# Sarah, Mobile Attorney



### **Transcribe Your Dictation**

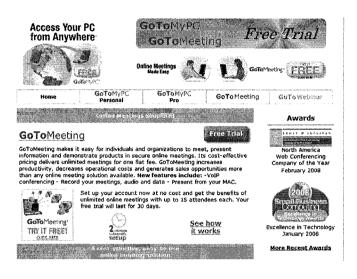


#### How It Works





# Access your computer now.



# Keep your files synced and access your files from anywhere.



Sync your files online and across computers



- \* Sync files of any size or type
- \* Share large files and photos easily
- \* Automatic online backup
- \* Track and undo changes to files

#### Take a tour of Oropbox

Crunchies 2009: Vote us for Best Internet Application of 2009!

# Susan, Research Guru



# Legal Research



Institut canadien d'information juridique Français | English

Se souvenir de mon choix + Remember my choice

Conditions distillation | Terres of the

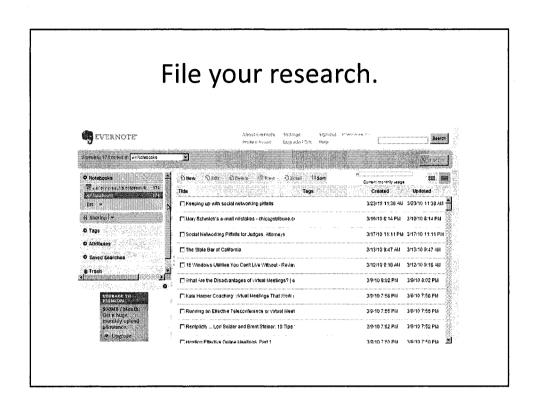
# CathLII

#### **Databases**

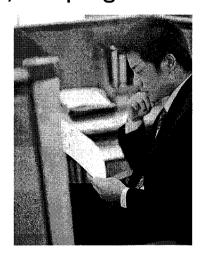
Federal British Columbia Alberta Saskatchewan Manitoba

Quebec New Brunswick Nova Scoba Prince Edward Island
Newfoundland and Labrador
Yukon Territory
Northwest Territories

Nunavut



# Juan, Jr., Keeping Track of Cash



iniuit	Conscioused ACMACONTECCTAMOREM   - represent and the set A. Asia - see P. S.
QuickBooks Onli	XX4:
Choose your ver	sion
Conversion of the conversion o	The second case was the comment factor from the form of the comment factor from the factor from the comment factor from the co
	STATE STATE
Comments of the Comments of th	



Doug, Sr. Business Attorney



## Forms



#### O'Brien's Encyclopedia of Forms

Commercial and General,	Division I
Corporations, Division II	1000
Conveyancing and Mortga	ges, Division III
Leases, Division IV	
Wills and Trusts, Division V	
Ontario - Family Law, Divis	ion VI
Labour Relations and Emp	loyment, Division Vil
Ontario - Court Forms, Div	ision Viii
Municipal Corporations, D	ivision IX
Computers and Information	n Technology, Division X

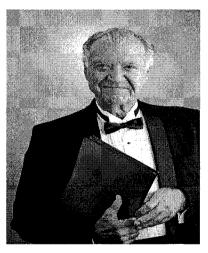


Grazil Calendar Documents Reader Web more v Hew! Upload anything  New! Upload anything  Now you can upload all your files without converting them to Google Docs.  You can use Google Docs to open these files anywhere and share them with anyone Shared with me Shared with me Starred Hidden Trash  Classe Remine me later Learn more  Erik to 3 collaborators  The BIG SHOW.doc Chan to 4 collaborators  Not shared  Why folders  PMA roster march 2009  Not shared	Sim	nple SaaS W	ord Processing
Create new   Upload   Now you can upload all your files without converting them to Google Docs.	0111	.p.c oddo II	01411000001115
Create new   Upload   Now you can upload all your files without converting them to Google Docs.			
Create new   Upload   Now you can upload all your files without converting them to Google Docs.			
Create new   Upload   Now you can upload all your files without converting them to Google Docs.	Cornell Colonder Decument	. Danday 186h man -	Mond Unload on E
Now you can upload all your files without converting them to Google Docs.  All Itams Owned by me Opened by me Opened by me Shared with me Starred Hidden Trash Itams by type* More searches*  Why folders  Now you can use Google Docs to open these files arrywhere and share them with anyone  Follows Familia me with Learn more Erik to 3 dodliaborators  Erik to 3 dodliaborators  Erik to 3 dodliaborators  The BIG SHOW.doc  Chan to 4 collaborators			
Owned by me Opened by me Opened by me Shared with me Starred Hidden Trash Items by type* More searches* Why folders  The BIG SHOW.doc  Shared With me Starred  F Star	· · · · · · · · · · · · · · · · · · ·		Stearer (emplates)  Provise template safety
Shared with me Starred Hidden Trash Items by type* More searches*  Why folders  Clase Remind me where Learn more Erik to 3 doctinations by the BIS SHOW.doc Erik to 3 doctinations by the BIS SHOW.doc Erik to 3 doctinations by the BIS SHOW.doc Erik to 3 doctinations by the starred Erik to 3 doctinations by the starred  Doctination of the starred  Survey Monkey Questions for PMA Countrey to 4 collaborators	Owned by me	files anywhere and share them with	Tariha San ana ana ana ana ana ana ana ana an
Trash Items by type* More searches*  Wy folders  Discrete Searches  The BIG SHOW.doc Chan to 4 collaborators	Shared with me Starred	Case Remacine ster Learn more	Erik to 3 collaborative
More searches   My folders		E EASY SCHEDULING WITHO	DUT My Nict shares
▼ My folders ☐ The BIG SHOW.doc Chan to 4 collaborators	• • •		Not shared
	More searches*	Survey Monkey Questions for	r PMA Courtney to % collections to re
No folders.	▼ My folders		Chan to 4 chilaberators
	No folders.	PMA roster march 2009	Not shared

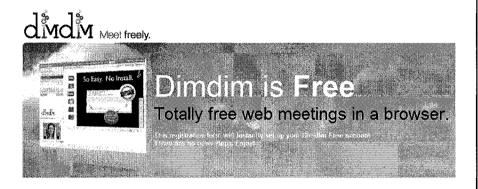
8 - 23

# SaaS Document Management Performance Content Elevated Advanced Search Colored Search Color

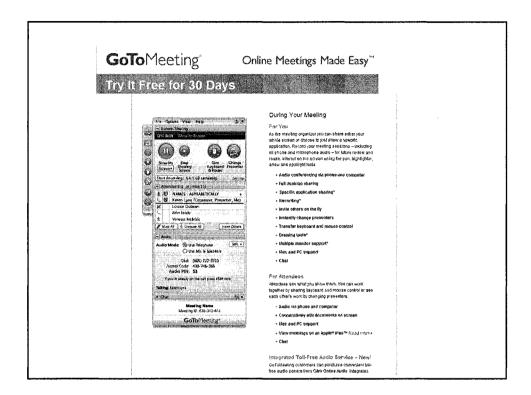
# Frank, Deal Maker



## Free web-based meetings

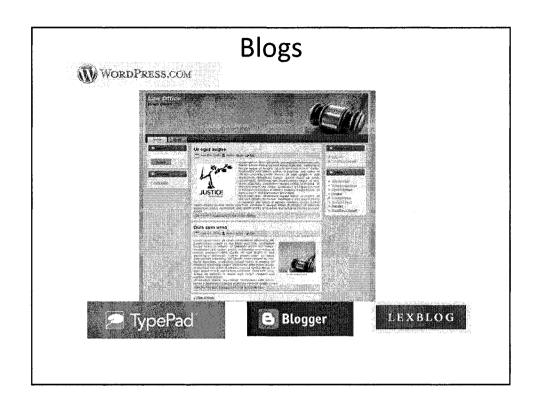


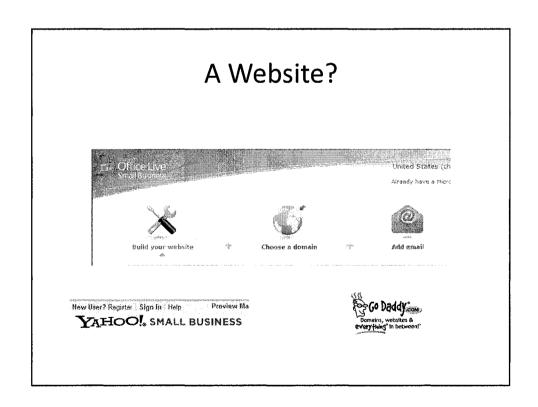




Jane, Marketing Extraordinaire







# **Internet Marketing Tools**

Email Marketing





• Micro blogs



• Social Media





- One stop update



