Going Paperless: How to Do It and What You Will Gain

- DeeDee Kato VP of Corporate Marketing, Foxit Software
- Stanley Chow Sr. Product Marketing Manager, Foxit Software



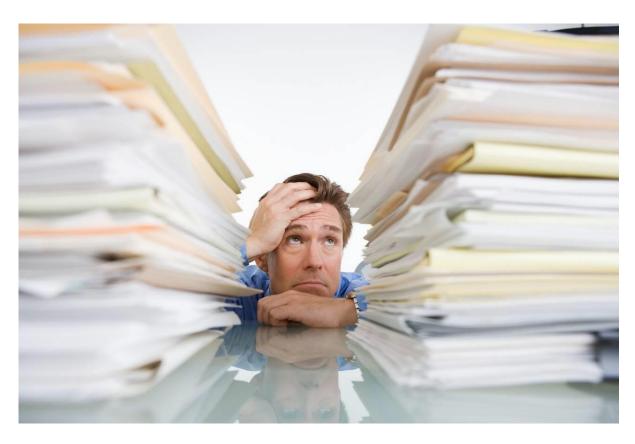




- How to Build The Business Case
- Challenges with digital content,
 protecting sensitive information,
 searching through scanned image
 files, paper-based signatures, etc.
- What capabilities to look for in a solution



What does your Law office look like?







Building the Business Case to Improve Operational Efficiencies

Paper-based Costs

- According to the Minnesota Office of Environmental Assistance, the typical office consumes about 10,000 sheets of paper per worker every year.
- Let's assume an organization manages 4,677,500 pages
- Estimating each document on average is 5 pages, this equals 935,500 documents
- The total cost to manage paper documents: \$30,715,518 / Year

The following pages breaks down the total costs.....





Labor Costs



File and Search for a document

- In a 2013 AllM business survey, the biggest issues caused by paper-based processes included re-keying data as well as constant re-filing, storing and searching for paper records.
- According to a <u>report</u> from PricewaterhouseCoopers, the average organization spends about \$20 in labor to file each paper document
- For 935,500 documents, the total cost is \$18,710,000

Search for misfiled document

- PwC also estimated \$120 labor costs to search for a misfiled document
- Estimating 2% are misfiled (18,710 x \$120 = \$3.9M)

Recreate a lost document

- According to PwC, it costs approximately \$250 to recreate a lost document
- Estimating 2% are lost $(18,710 \times $250 = $4.7M)$



Storage and Printing Costs

Storing and Maintaining Records

- A four-drawer cabinet takes up 9 square feet of office space which is estimated to cost \$45 per month to maintain (e.g. SF office space is \$5 per sq. ft / month).
- Maintaining 100 four-drawer file cabinets will spend \$54,000 per year to store and maintain those files

Printing Costs

- The average cost of toner, ink, and paper amounts to 3 cents per page.
- Printing 4,677,500 pages costs \$140,325.



Reviews and Approvals



Standard Mail

- US mail costs 83¢ per envelope
- Estimating 5% of the documents are routed by US mail (46,775 x 83¢ = \$39K)

Overnight Couriering

- An estimated cost of \$42.55 based on FedEx Standard Overnight for a package weighing
 .10 lbs
- Estimating 5% of the documents are sent via Overnight Shipment (46,775 x \$42.55 = \$2M)

2nd Day Shipping

- USPS Express Mail flat rate fee is \$26.11 per package
- Estimating 5% of the documents are routed by US mail $(46,775 \times \$26.11 = \$1.2M)$

Scanning for Archival

- Signed documents need to be archived either digitally or in paper form
- Estimating 50% of them are archived digitally (23,387 documents)
- Takes 3 mins to scan and save each document or 20 documents per hour
- The numbers of hours per year (1,169) x hourly rate of \$10 = \$11,693



Fires, natural disasters

U.S. MARCH 3, 2015 / 3:48 PM / 3 YEARS AGO

NYC warehouse fire destroyed files from 1 million court cases

An example of extreme loss comes from a fire in Brooklyn, NY in March 2015. The New York State Office of Court Administration lost **85,387** boxes of records from courts in all five boroughs to this fire. While some newer documents were filed electronically, officials expect to have little to back up of records filed before 1990. Officials stated that if any files are needed, they will have to try to **recreate them by hand** from related paper files stored elsewhere.

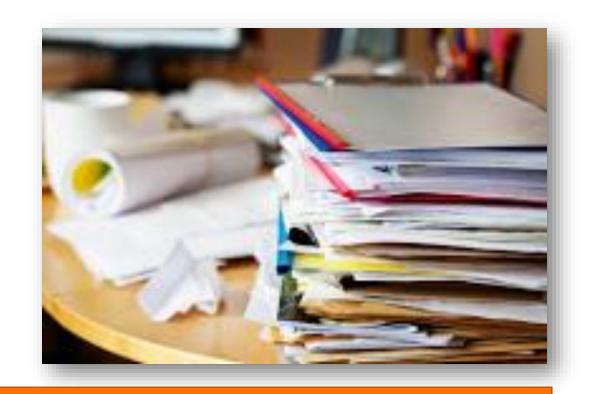
Risks





Soft Costs

- Less organized
- Less efficient searching for documents
- Cannot access documents remotely



ROI Calculator Spreadsheet Available Upon Request



Paperless Law Firm -How To Do It



Ingest - Getting data into the system

- Standardizing file formats, make test searchable, compressing files, convert emails to PDF, PDF/A
- 2. Keep files organized with a DMS
- 3. Preparing documents for counsel or courts
 - Bates numbering, portfolios
 - Protect and remove sensitive data
 - Create forms to gather client info
- 4. Eliminate paper-based signatures
- 5. Document security and collaboration
 - Shared reviews
 - Prevent unauthorized changes/users
 - Tracking

1. Ingest - Getting data into the system



File type considerations

- Bloated file sizes
- Unsearchable text and images
- Different file types
- Long term access
- Difficult to email
- Increasing file storage, especially when you are doing color scanning
- Manual processes





Solutions to turn scanned legal documents into text searchable files

Enterprise Capture

- Shared Image Services
- Consolidated Operation
- High Volume Batch Processing

Departmental Capture

- Regional Services
- Shared Operations
- Accounts Payables
- Human Resources

Work Group Capture

- Branch Operations
- Ad Hoc Imaging
- Point of Service



Business Application Layer

- Content Management
- Data Capture
- Workflow
- Transaction Processing
- Archive

Fax/Scanners

Ultra-high Volume, Production Grade Scanners



Electronic Fax







Multi-Function Printers

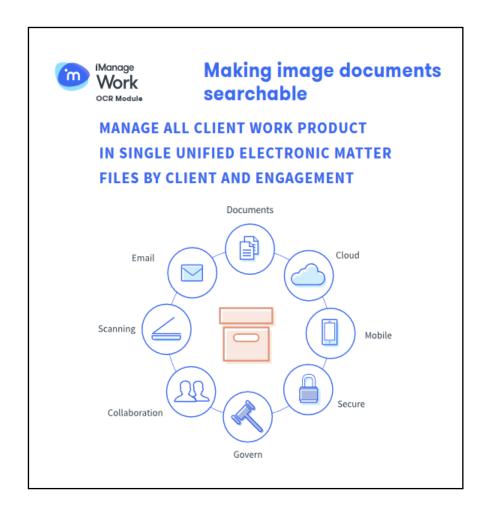
- Basic MFPs
- MFP Advanced Compression /
 OCR







Server-based Capture/OCR Software



Advanced compression capabilities





How Does Large Scale Automation Work?











- Convert and Compress Documents
 - Reduce Size by 50% or More
 - Transfer/Open 50% Faster
- Conversion Strips Out Viruses and Ensures Files Can Be Opened 100 Years From Now
- Normalize Born Digital and Image Files to Searchable PDF
- Shrink Mass Files for Emails











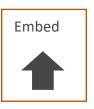


















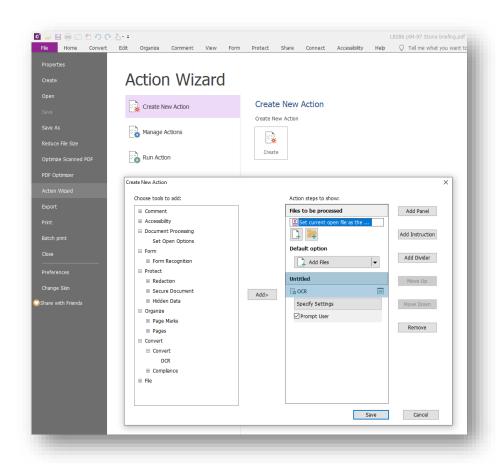
Custom SDK



Individual Document Scan and OCR with Desktop Software

- Acrobat,PhantomPDF andFoxit Reader
- Action Wizard can process batches of documents

Scanner:	WIA-NPIEFEC7E (HP Color LaserJet $\scriptstyle \vee$	Advanced Options.
Configure scann	er —	
✓ Configure sca	nner using scanner's interface	
Sides:	Front Sides V	
Source:	V	1
Color Mode:		
Paper Size:	V	
Resolution:	V	0
Optimize Scanne	d PDF	
☑ Reduce size a	nd optimize	Options
Make Search	able(run OCR)	Options
S	ave as Preset Scan	Cancel
IEW FORM		Р
	age * cm ord	



2. Keep files organized with a DMS

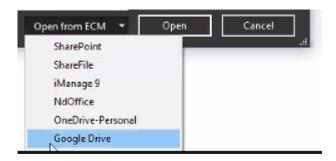


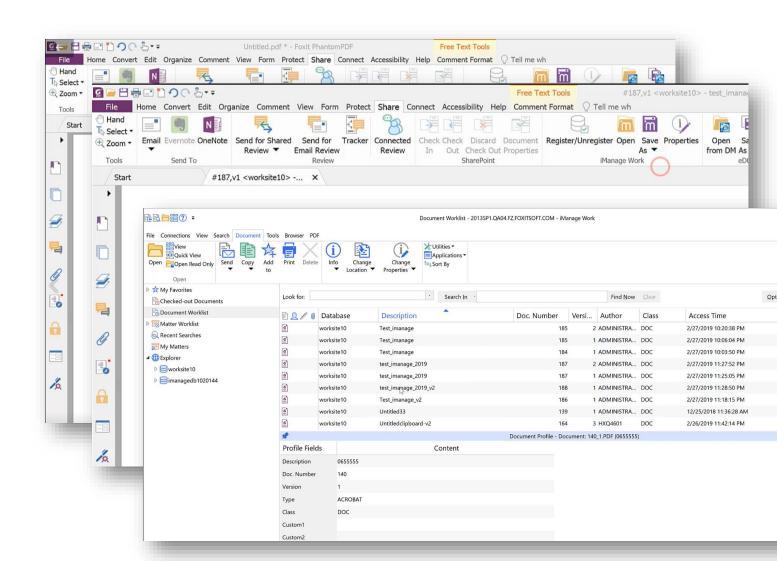
DMS Integration

Challenge: Scattered electronic matter files

Solution:

- Open, Check-In, Check-Out from PhantomPDF
- Convert files to PDF in batch from iManage
- Add bates numbering to files from SharePoint, ShareFile, iManage 9, ndOffice, OneDrive-Personal, Google Drive, Box, Dropbox, eDOCS DM, and DMSforLegal.





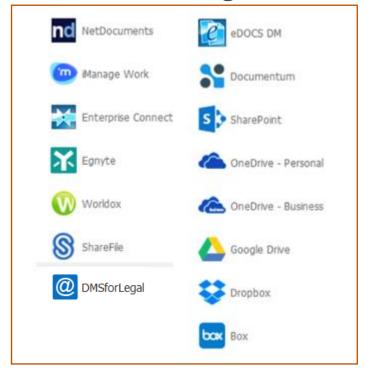


Customers Using Foxit DMS Integrations

- iManage
 - Baker and McKenzie
 - RSM International
 - Meredith McConnell
 - Brown Rudnick
 - Norton Rose Fullbright
 - Scroggins Grear
 - Aldridge Pite
 - 3M
- NetDocuments
 - McLennan Ross
 - Frith Anderson Peake
 - Lavan



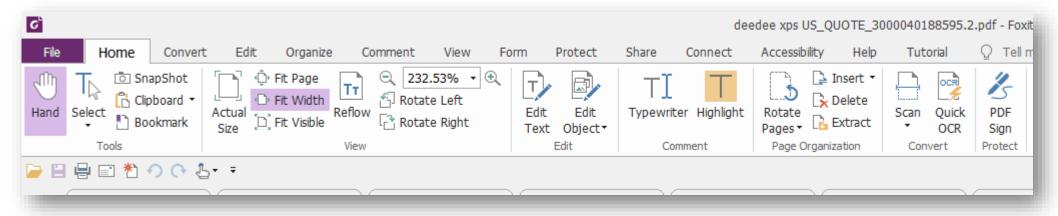
Other DMS Integrations



3. Preparing documents for counsel or courts



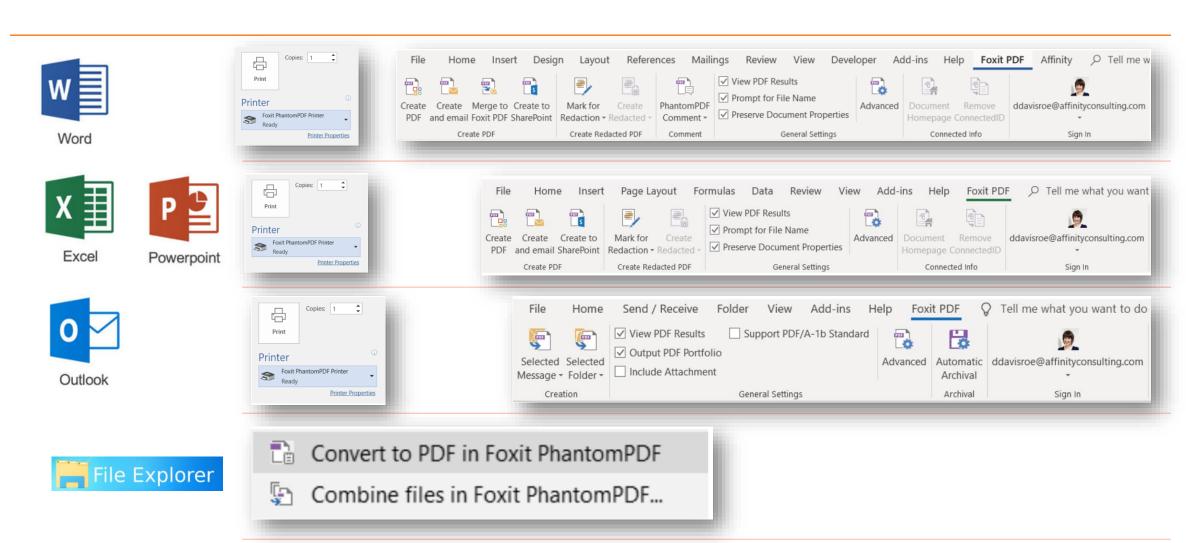
PDF Editing



- Create Accessible PDF Documents
- Edit Content and Layout
- Drag & Drop Pages Between Files
- Export to Office and Other File Formats
- Convert Paper to Digital
- Easy to Use Form Design Tools



Integration with Microsoft

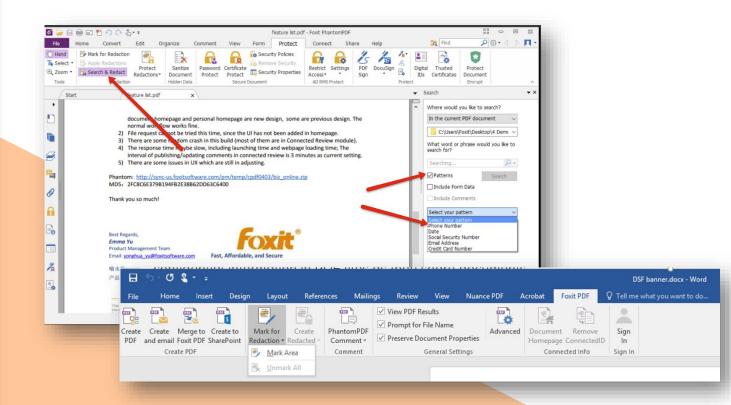




U.S. Department of Justice Attorney Work Product // May Contain Material Protected Under Fed. R. Crim. P. 6(e)

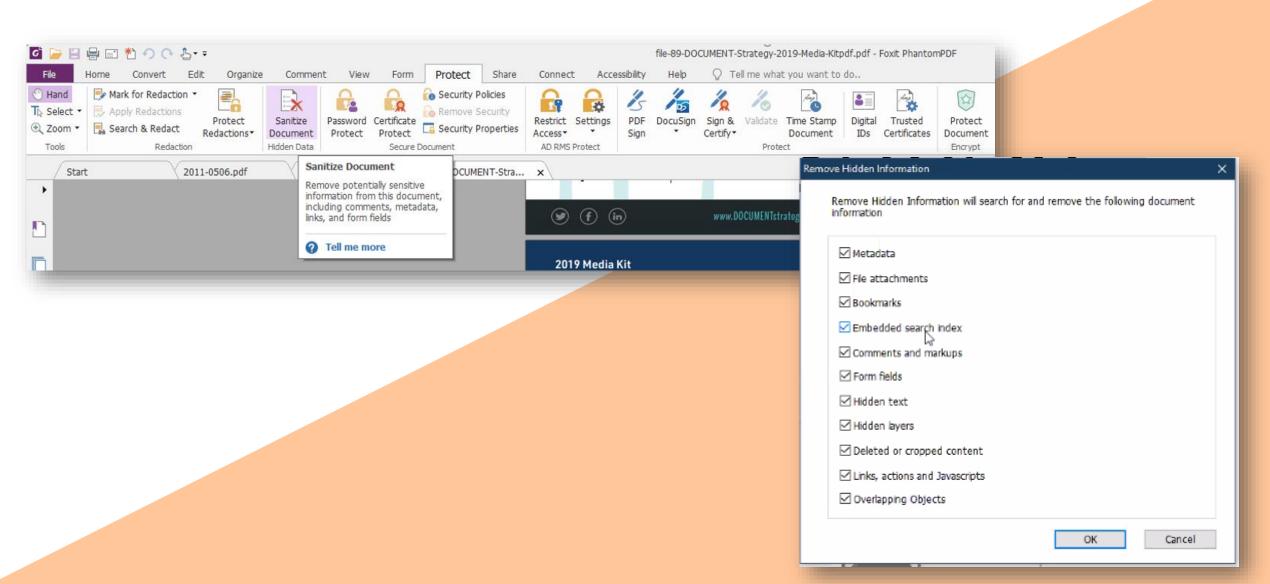
3.	Ru	ussian Hacking and Dumping Operations		
	1.	Section 1030 Computer-Intrusion Conspiracy		
		a. Background		
		b. Charging Decision As to Harm to Ongoing Matter 176		
	2.	Potential Section 1030 Violation By Personal Privacy		
C. Russian Government Outreach and Contacts				
	1.	Potential Coordination: Conspiracy and Collusion		
	2.	Potential Coordination: Foreign Agent Statutes (FARA and 18 U.S.C. § 951) . 181		
		a. Governing Law		
		b. Application		
	3.	Campaign Finance		
		a. Overview Of Governing Law		
		b. Application to June 9 Trump Tower Meeting		
		i. Thing-of-Value Element		
		ii. Willfulness		
		iii. Difficulties in Valuing Promised Information		
		c. Application to WikiLeaks HOM		
		i. Questions Over Harm to Ongoing Matter		
		189		
		ii. Willfulness		
		iii. Constitutional Considerations		
		iv. Analysis HOM		
	4.	False Statements and Obstruction of the Investigation		
		a. Overview Of Governing Law		
		b. Application to Certain Individuals		
		i. George Papadopoulos		
		ii. Personal Privacy 194		
		iii. Michael Flynn		

Redaction





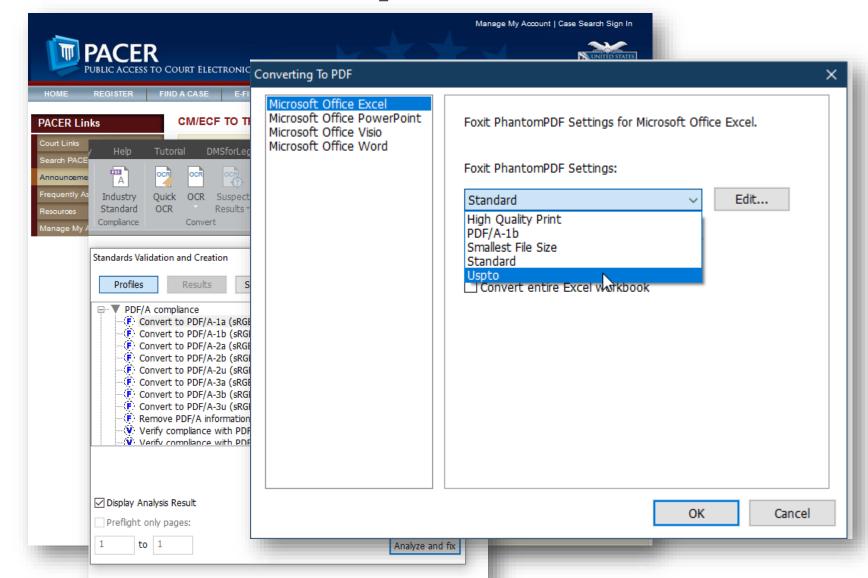
Remove Hidden Content





- Public Access to Court Electronic Records (PACER)
- States with PDF/A legislation:
 - California
 - Massachusetts
 - New York
 - Nevada
- The National Archive and Records Administration (NARA)
- Administrative Office of the U.S Courts
- National Library of Congress
- Federal Judiciary's Case Management/Electronic Case Files (CM/ECF)
- Create USPTO-compliant PDFs

Court Rule Compliance



4. Eliminate paper-based signatures

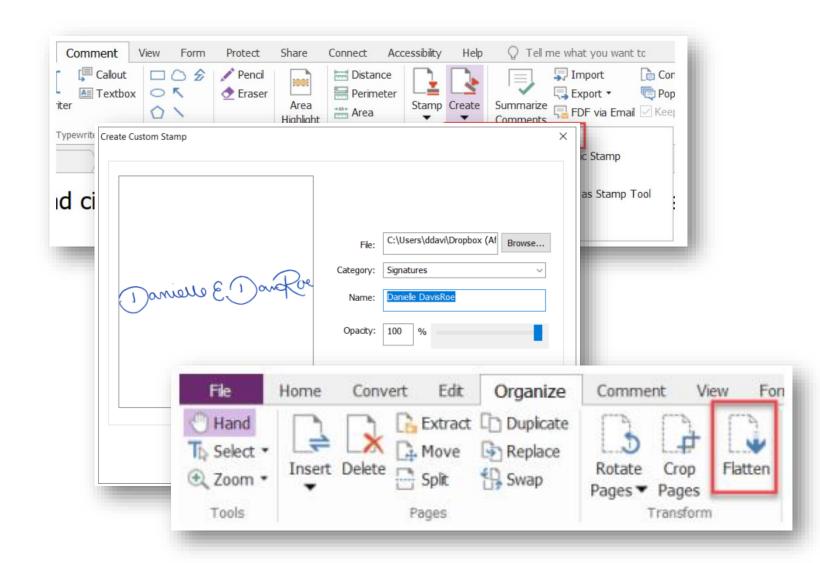


- 1) Signature Image Stamp
- 2) PDF Sign
- 3) Digital Signatures

 Create your own or obtain a digital ID from a trusted 3rd

 party provider (Certificate

 Authority (CA)) for authentication
- 4) eSignatures





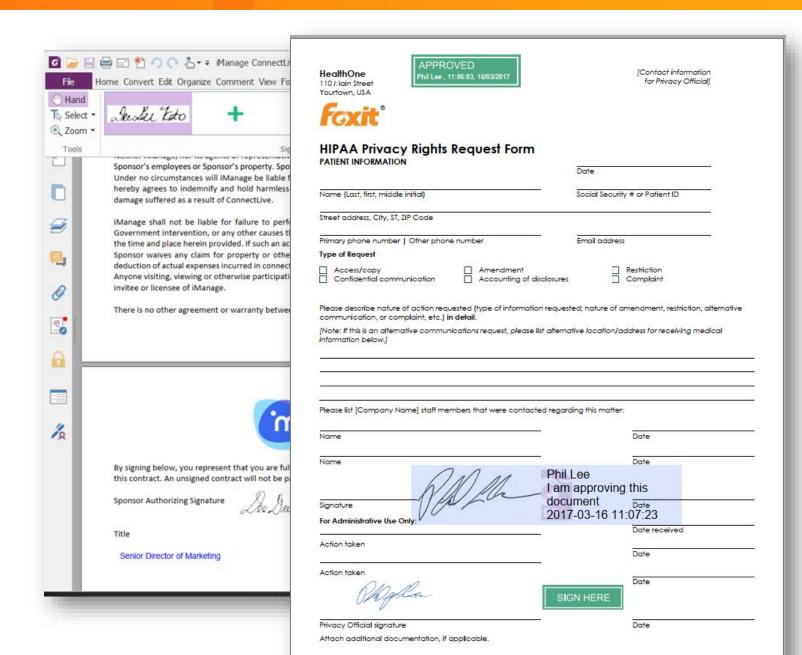
- 1) Signature Image Stamp
- 2) PDF Sign
- 3) Digital Signatures

 Create your own or obtain a

 digital ID from a trusted 3rd party

 provider (Certificate Authority

 (CA)) for authentication
- 4) eSignatures



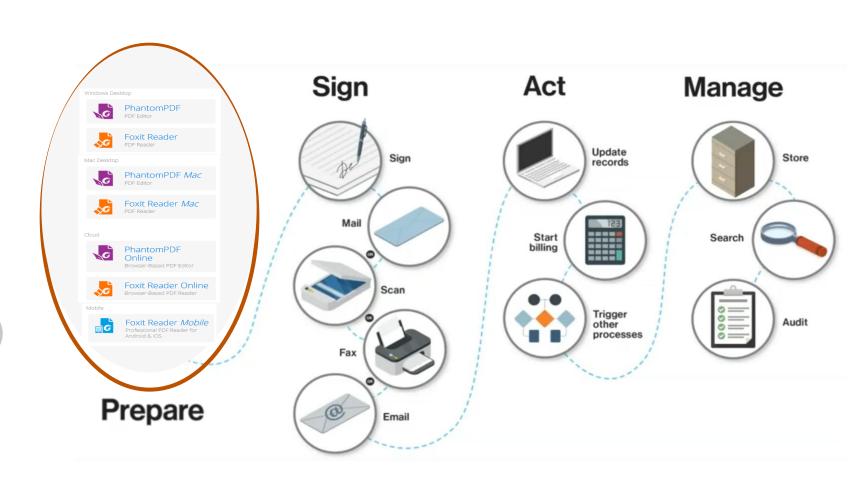


- 1) Signature Image Stamp
- 2) PDF Sign
- 3) Digital Signatures

 Create your own or obtain
 a digital ID from a trusted

 3rd party provider

 (Certificate Authority (CA))
 for authentication
- 4) eSignatures with **DocuSign**°



Demo



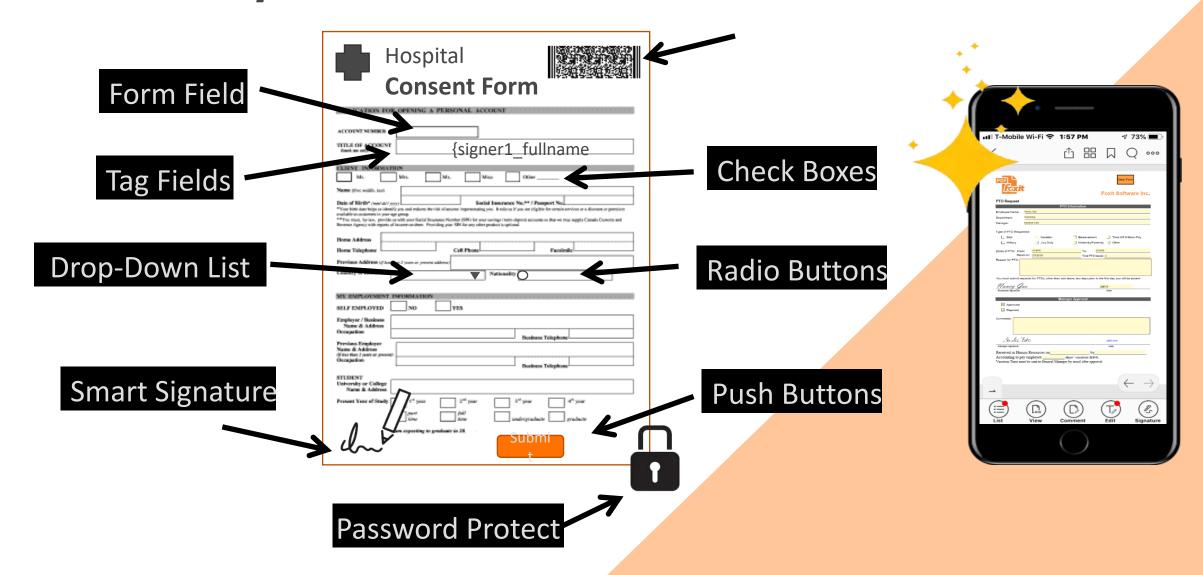
- Stanley Chow AT Law Associate
- Tim Andrews Managing Partner
- Sally Johnson Client

Scenario #1: Create and Sign Retainer Agreement

Scenario #2: Create and Sign Client Intake Form



Prepare - Create, Collaborate, Redline, Redact



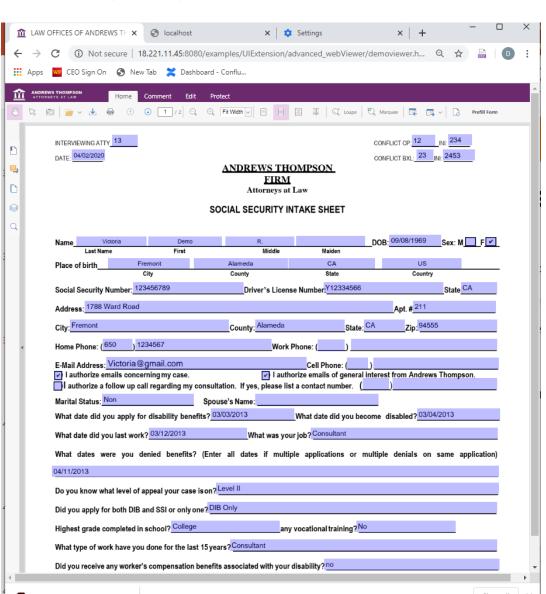


Customized PDF Online Form

- 1) Foxit WebPDF SDK for Web provides PDF viewing and data capture through web browsers
- 2) No additional software required
- 3) Reuse fillable PDF forms to capture data and submit into your backend system (WIP)

e.g. http://www.andrewsthompsonlaw.com

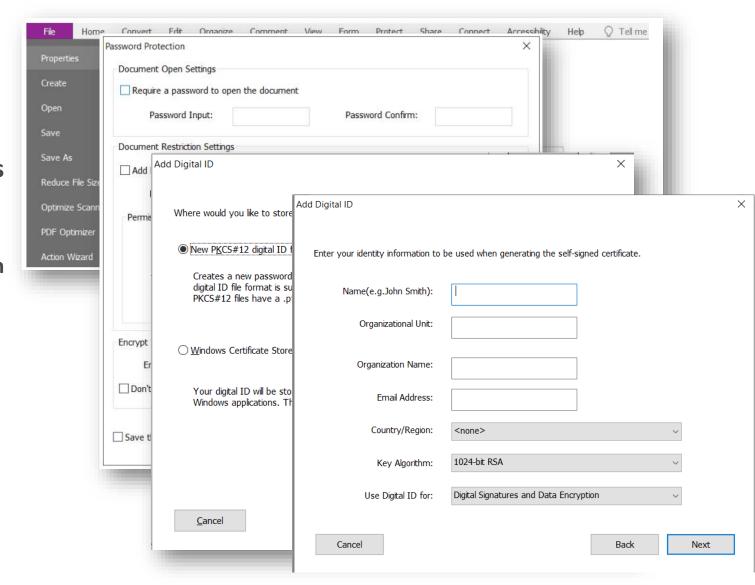




5. Document security and collaboration



- Password Protection and Certificate
 Protection
- 2) Microsoft Active Directory/Azure Rights
 Management Services integration DRM
 - provides protection to PDF documents in SharePoint, Exchange, and or desktop solutions
- 3) Connected PDF
- 4) Windows Information Protection (WIP)
- 5) FIPS mode





- Password Protection and Certificate Protection
- 2) Microsoft Active Directory/Azure Rights Management Services DRM
- 3) ConnectedPDF Security token (DRM) embedded in document:
 - Track document
 - Grant and revoke access
 - Share documents securely without complicated trust mechanism
- 4) Windows Information Protection(WIP)
- 5) FIPS mode

Traditional Stack Cloud Apps Cloud Platforms Tracked File Events: Opened Added, Deleted, Edited bates numbering Time stamped document · Start, end, join, leave Connected Review Closed Added, Deleted, Edited Comments If sent via email · Whether to track the review results · Turned Page (Entry time, leave time, Used Eraser Pencil If sent via Evernote Exported form data Page from, Page to) Added, Deleted, Edited Redaction If checked into SharePoint Exported comments Copied Protected redactions If checked out of SharePoint · Save As (file path) Printed Sanitized Document If sent for Shared Review on internal Forked document Created Form Whether to Password Protect · Filled in form (pushbutton, checkbox, radio Created PDF Portfolio If sent for Shared Review on Foxit Cloud button, etc). · Whether to use encryption certificate Converted to DF/A/E/X If sent for Shared Review via email · Whether the form was reset · What policy to protect docs (password Removed PDF/A/E/X or certificate) · Whether form data was imported OCR'd · Whether to remove security Comment Edited Object Whether to RMS Protect doc Convert Reduced File Size Whether to Access Control file · When downloading the office Copy PDF Optimize (image, fonts) Create and with what device · Added, Deleted, Edited Bookmark Whether enforce tracking was used · Performed Form recognition Fill form fields · Whether to use DRM protected Manage pages Form Design - Added, Deleted, Edited document pushbuttons, checkboxes, radio Print 68% buttons, signature field, etc. · Whether the document configuration Protect access connected DRM protection · Recorded Static XFA form Read · Saved offline copy mode (device or Save as Registered new version password) Share · Advanced Setting - enable non-Foxit, Removed protection Sign enable cPDF Added, Applied, Edited, Deleted PDF sign Deleted page range Whether to use DocuSign Extracted page range Figure 4: Number of times actions were taken

on document in last 7 days

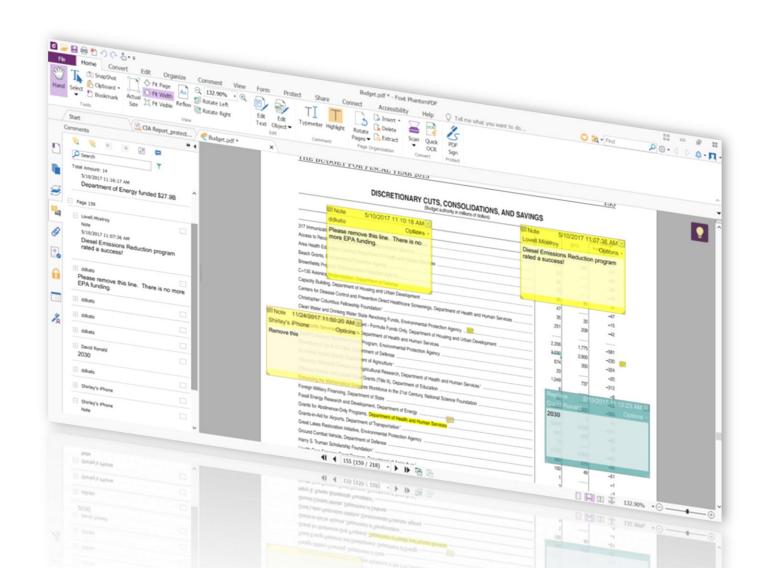
Validated signature page

Added, Deleted, Edited watermarks



Real-Time Collaboration and Co-Authoring PDFs

- Easy setup for internal and external users
- Share content quickly and easily, regardless of where the document lives (on-premise DMS/EMS, cloud storage, files on mobile devices, etc.)



How Foxit Can Help



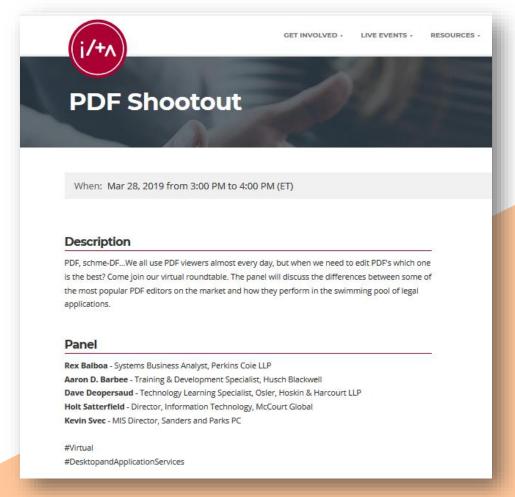




ILTA PDF Shoot-Out

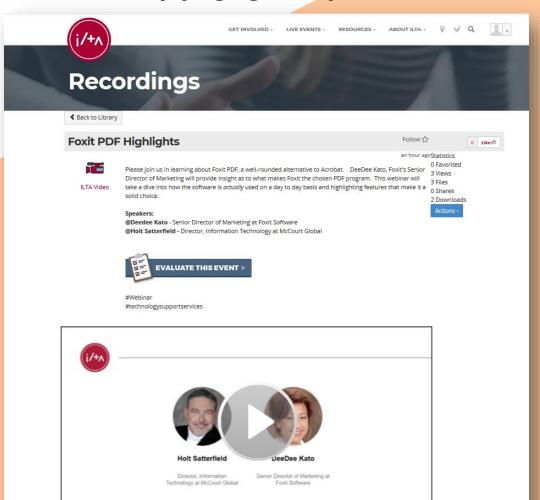
Part 1 - Takeaways

https://www.iltanet.org/blogs/sethsilapasvang/2019/04/08/pdf-shootout-takeaways?ssopc=1



Part 2 - Deep Dive

https://www.iltanet.org/viewdocument/foxitpdf-highlights?ssopc=1





Cleary Gottlieb Steen & Hamilton LLP

Gottlieb is a preeminent global law firm, with offices on four continents and an unparalleled reputation for groundbreaking work.

2019 Vault Rankings

#14 Vault Law 100

#1 Best Law Firms for Antitrust

#3 Best Law Firms for International Practice

Challenges

- High inflow of large documents ranging from hundreds to thousands of pages long
- Difficulty retrieving documents relevant to cases
- Attachments to emails would bounce back because of file size



PDF Compressor provided

- Electronic documents with reduced file size
- Remote document retrieval
- Integration with OpenText Captiva for a complete ECM, capture, OCR, conversion solution



Meredith Connell

New Zealand's largest litigation firm providing clients advice and representation across more than 21 practice areas.

Challenges

- Acrobat DC didn't integrate well with Citrix digital workspace
- High cost of Acrobat equipped only a subset of people

PhantomPDF provided

- Days of work time saved
- Stellar customer support



"With Foxit, we can sequentially number documents using Bates numbering within subfolders," Birch said. "We couldn't do that in Acrobat, and it arguably saves us two days of work per bundle



Hargraves McConnell & Costigan

Hargraves Connell & Costigan, now combined with Freeborn & Peters LLP, represents commercial interests in complex disputes in federal and state courts in NY and other jurisdictions. The firm also represents diverse segment of the insurance and reinsurance industries.

Challenges

- Locating text within multi-page image files was time consuming and inefficient
- Prior OCR engine took 8 hours to process files
- The engine would often crash when processing large files

HARGRAVES McCONNELL & COSTIGAN, P.C.

PhantomPDF provided

- The same workload completed in one hour vs. 8 hrs previously
- Foxit's OCR provided the highest accuracy rates
- Compression enabled files small enough to submit to Courts

"Foxit's PDF Compressor with OCR was able to convert all documents into text searchable files, allowing for quicker searches."



The Simons Firm

Challenges

- Cost effective and easy to use for non-tech savvy users
- Managing very large documents (over thousands of pages)

PhantomPDF provided

- Great performance converting documents and inserting stamps and bates numbers
- Easy scanning, converting, organizing, protection, annotations, and editing their PDF

THE SIMONS FIRM

Nationally Recognized – New Mexico Roots

CIVIL LITIGATION & APPEALS

TITLE INSURANCE DEFENSE

INSURANCE DEFENSE

REAL ESTATE & PROBATE LITIGATION

REAL ESTATE & BUSINESS LAW

CONSTRUCTION LAW

"Foxit PhantomPDF was cost-effective, but more important, it met or exceeded all of our needs"

Samantha Garcia, Paralegal





Like most law firms, Lavan's legal specialists handle large numbers of documents every day, and in the digital age this means a PDF editor is one of their go-to tools. Legal staff use features such as reading, merging documents, adding pages, deleting pages, editing text, highlighting text, signing, and redacting, all in a typical day.

For years, Lavan relied on the Nitro Pro PDF editor, which provided all the basic functions, but didn't offer integration with NetDocuments, their Document Management System (DMS). Lavan was the first law firm in Australia to choose NetDocuments, a secure SaaS cloud system, which is now commonly used in the legal sector. Integration with PDF editing software was important as it would enable users to work on PDF files from their NetDocuments accounts and make changes to their PDF documents, via a secure device, from wherever they were.

Nitro says no, while Foxit says go

With the need for NetDocuments Integration Increasing, Lavan's Manager of Information Systems, Marco Marcello, asked Nitro on several occasions if they would develop a NetDocuments Integration, however Nitro continued to say no.

Since 1898, the Lavan name has been synonymous with one of Western Australia's most distinguished legal families and the independent law firm they created. The Perth-based firm offers specialised knowledge, local networks and firsthand understanding of the Western Australian business community to its clients. With one of the largest litigation teams in Western Australia, they provide legal advice on a wide variety of topics, including aged care, Asian investment, banking and finance, construction and infrastructure, corporate and commercial law, education,

Challenges

- Users make changes to their PDF documents, via a secure mobile devices, from wherever they are
- Required NetDocuments integration (cloud DMS)
- PDF alternatives were costly

PhantomPDF provided

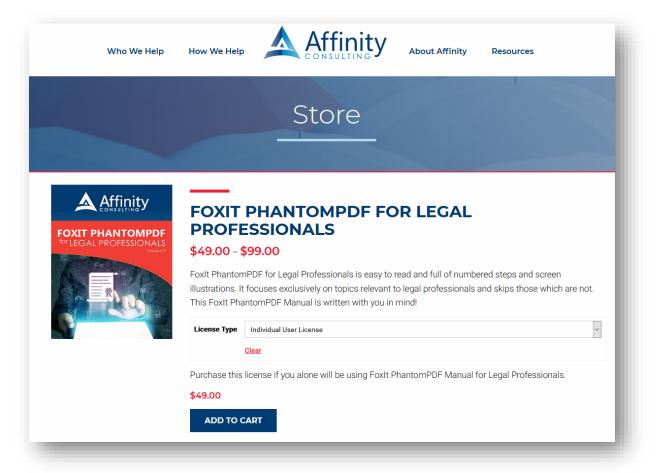
- Around 100 of Lavan's employees use Foxit PhantomPDF
- Intuitive and easy to use
- No extra training and no complaints

"PhantomPDF quickly stood out from the other solutions we evaluated, due to its **speed, stability and ease of use**," said Marco Marcello, Manager of Information Systems at Lavan.



Additional Resources: Whitepaper, Article, How-To Document for Legal Professionals





https://www.affinityconsulting.com/product/foxit-phantom-pdf-for-legal-professionals/

About Foxit

Over 1B people use Foxit Technology!



THE AMERICAN
BUSINESS AWARDS®

• Section 508 Accessibility

 New Product Award

2017

2016

Foxit ConnectedPDF

• Debenu Acquisition

Office

2018

• Foxit PhantomPDF Mac

RPA integration with UiPath

2019

- Dell Partners with Foxit
- Panasonic Partners with Foxit for PDF Compression

Panasonic.

Dell



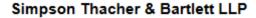
Legal Industry Customers

Baker McKenzie.









Simpson Thacher











































Used By Major Companies and Public Sector

PhantomPDF Customers













Public Sector























North Carolina State

Bureau of Investigation





Colorado Courts

OEM Customers



Lenovo





SDK Customers









JPMORGAN CHASE & CO.



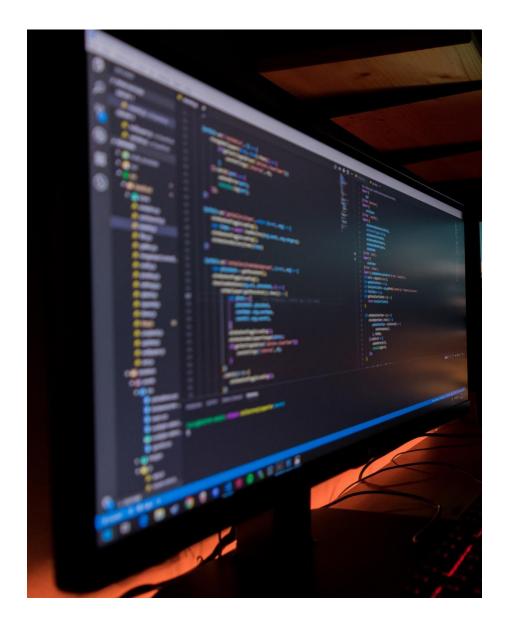
State of Wyoming New York Courts







County of Fairfax



Enterprise-wide control of of deployment

Supports Group Policy

Ensure standardization of menu and configuration settings

SCUP Catalog

System Center Updates Publisher (SCUP) in conjunction with Microsoft's System Center Configuration Manager allow administrators to more accurately and efficiently to update Foxit software without having to write a complicated query.

Installer Customization Tools

Available Customization Wizard and XML Editor to configure/customize the installer prior to organization-wide deployment

Registry Keys

Templates available for faster customization

Virtualization

Foxit works flawlessly with all major virtualization platforms



What to look for when going paperless

- 1. A vendor with a Singular focus on PDF technology for ongoing innovation and enhancements (PDF Association Board Member)
- 2. A product with equivalent or greater functionality across the document lifecycle
 - Edit text and images like a WORD document
 - ConnectedPDF
 - Easy back and forth conversion of Microsoft documents
- 3. Easy transition for new users as a Microsoft partner, PhantomPDF offers the same toolbars and ribbons people are accustomed to using
- 4. Cost-effective typically 40% the price of Acrobat
- 5. Perpetual and Subscription licensing
- 6. Active feedback loop from customers allowsing feedback to be incorporated into software upgrades and process improvements
- 7. Strong commitment to customer support, resources and ongoing training
- 8. Lightweight easy to deploy without wasting valuable computing resource





Thanks