



Open the Sticky Notes to read the slide narrative.

# Adobe Acrobat 9

## Adobe Acrobat for the Life Sciences

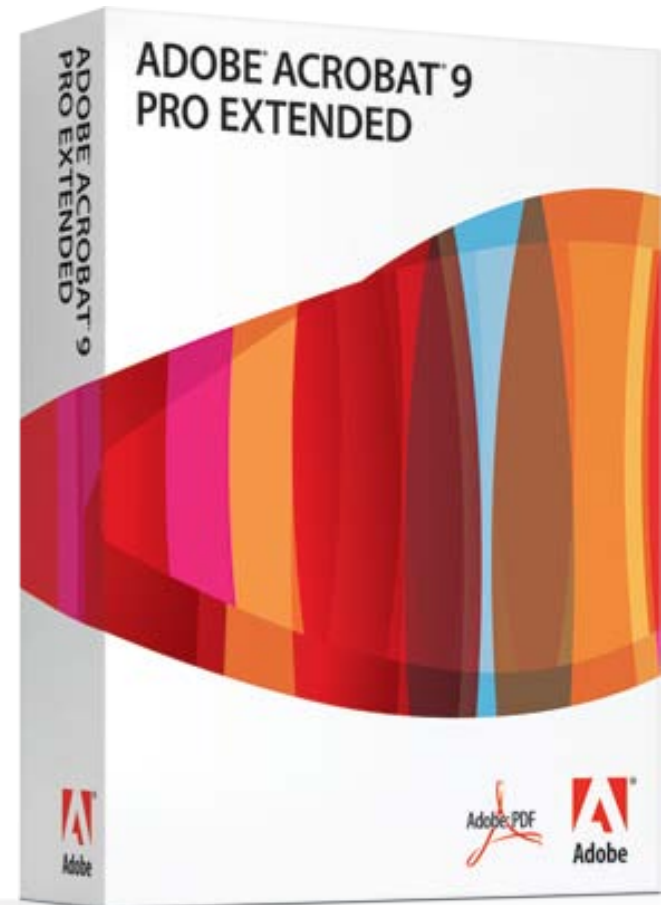
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# What we'll cover . . .

- Slides
  - Regulatory Topics
  - Acrobat Product Line
  - Feature Comparison
- Demonstration
- Q&A



Because we care . . .

# Visit Rick's Acrolaw Blog

[ Your brain will thank you! ]

[www.adobe.com/go/acrolife](http://www.adobe.com/go/acrolife)

Instructive Articles  
Lots of screen shots  
Copy of these slides

# What we're hearing from our Life Science customers . . .



“ How can I accelerate review and approval cycles and minimize regulatory delays? ”

“ How can I reduce IT costs and go green”? ”

“ How can I reduce the risk of legal challenges to our important discoveries? ”

# How Adobe can help . . .



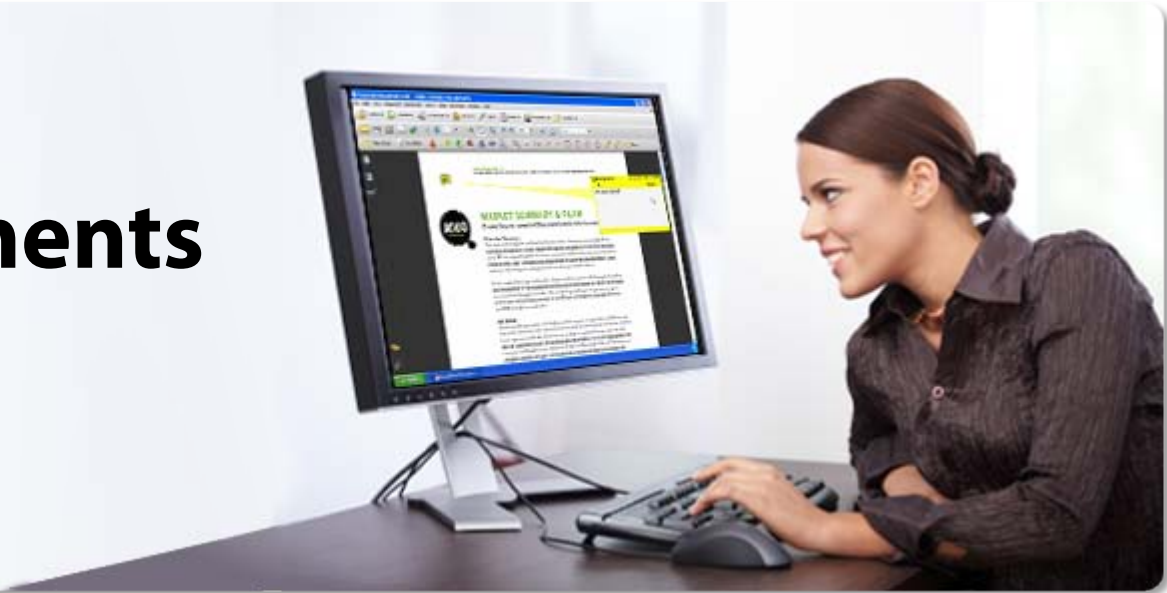
**PDF is an ISO Standard** and the regulatory format of choice

**Print less, use PDF more** to save on printing and consumables

**Use digital processes** for data collection and commenting

**Leverage ubiquity of PDF and Flash** which are installed on 90% and 98% of PCs

## Review Documents Electronically



### Business Challenge

Reduce paper by securely reviewing documents together, as a team so that you know if the work has been done.

### Value

- Reduce consumable costs
- Bridge gap for reviewers & vendors
- Know when people reviewed document

### Adobe Solution

- Use the free Adobe Reader

### How it Works

- Documents to PDF
- Review and annotate
- Use Review Tracker
- Adobe Review and Approval Accelerator for LiveCycle

# Digitally Sign Documents, Avoid Paper, and Save Money

## **SAFE– Signature** are for Everyone



### **Business Challenge**

- **Get away from expensive paper-based signature**

### **Value**

- **Prevent on-site document audits**
- **Accelerate processes**
- **Protect important discoveries**

### **Adobe Solution**

- **SAFE digital signatures**
- Accepted by the FDA & Industry
- Acrobat is Safe-certified

### **How it Works**

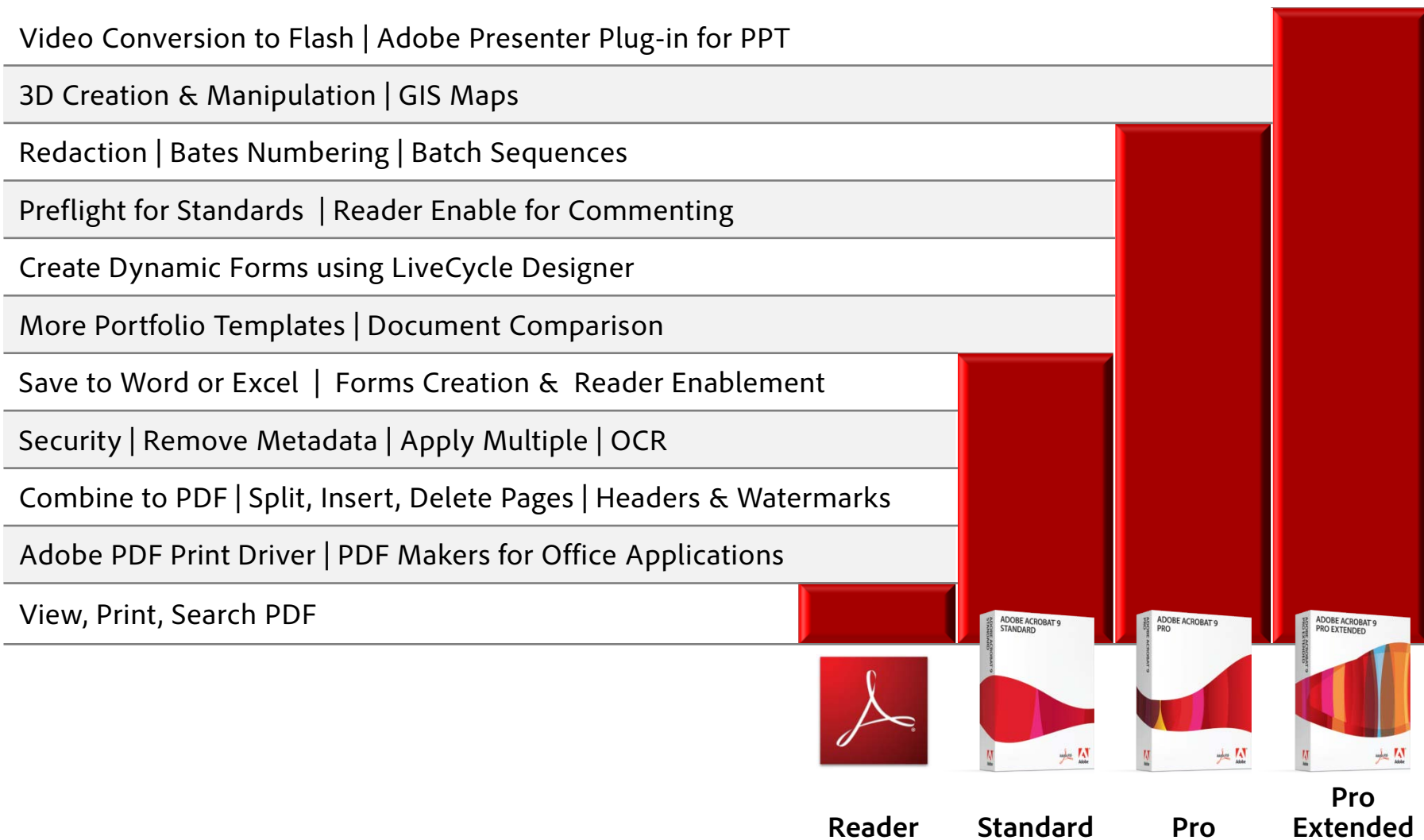
- **Digitally sign documents with Acrobat**
- Signature fields
- Digitally sign on the fly
- Package up and sign a group of documents

# PDF and Regulatory Agencies: Background



- **Adobe History with FDA**
  - 1999 CBER & CDER establish joint guidance for industry
  - Selected PDF 1.4 (Acrobat 5 version) as primary electronic submission format
  - 1700+ submissions  
Millions of pages
- **PDF Version  $\neq$  Acrobat Version**
- **Electronic Submissions Today**
  - Only 15% are fully electronic
- **In the future . . .**
  - Digital Signatures
  - Support for ISO 32000 (PDF 1.7)

# Acrobat 9 Product Features



# Requirements for Regulatory Acceptable PDF

## ■ Fonts

- All fonts must be embedded
  - Except double-byte characters (Chinese, Japanese or Korean)

## ■ Images

- Black and White
  - CCITT G4
- Grayscale & Color
  - Lossless ZIP Compression

## ■ Scanned Documents

- Must be text searchable (OCR'd)

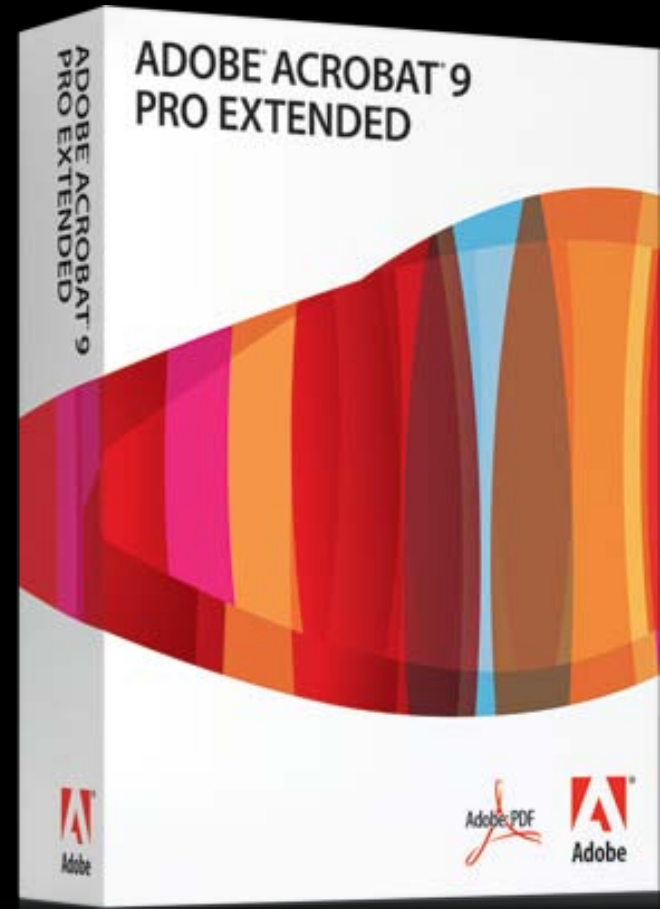
## ■ Bookmarks

- Bookmarks to Major Headings
- Initial view of page set to Bookmarks Panel and Page

## ■ Links

- Cross References
- Hyperlinks
- Appearance of Links
  - CDER
  - CBER

# Acrobat 9 Demonstration



# Resources

- Rick's AcroLife Blog  
<http://www.adobe.com/go/acrolife>
- Free Acrobat 9 Trial Software  
(Pro or Pro Extended)  
<http://www.adobe.com/tryacrobat>
- Main Acrobat Page on Adobe's Website  
<http://www.adobe.com/acrobat/>
- Adobe Life Sciences Solutions Page  
<http://www.adobe.com/lifesciences/>
- Enterprise Deployment Resources  
<http://www.adobe.com/products/acrobat/solutions/it/>

