

Liven Up Your PDFs

**With FrameMaker-to-Acrobat
TimeSavers + Assistants**



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Enhancing PDFs in Acrobat

- Labor-intensive, repetitive process
- Features added in Acrobat “disappear” next time you distill / Save as PDF, and must be recreated and tested again



With TS: define once, use many!

- All features described in this webinar can be defined in your source FM files using custom hypertext markers
- Upon distilling with FM-to-Acrobat TimeSavers + Assistants, corresponding features are automatically present in the PDFs produced
- Update content in FrameMaker source as needed, then distill or Save as PDF



Additional info and examples

- **“36 Ways to Improve Your PDFs with TimeSavers/Assistants”**
microtype.com/ImprovePDF.html
- **TimeSavers/Assistants Showcase**
(where all PDFs demonstrated in this webinar are available)
microtype.com/showcase.html
- **TimeSavers/Assistants order form**
microtype.com/TimeSavers.html



Related live online training

- **FrameMaker-to-PDF Advanced Tech**
Feb 22-24 + March 10-11
- **Building a PDF Front-End Interface to Document Collections** March 2
- **Rich Media in PDFs with FM-to-Acrobat TimeSavers+Multimedia Assistant**
March 3
- **Visually-Oriented Documentation**
March 8+9



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Visual Design & Interaction



Page background

Page background (typically non-printing):

- **Light background to reduce screen glare, or for screen-only graphics** (e.g. buttons)
- **JPEG image inserted via hypertext marker** (typically on master pages)
- **Image is visible after distilling** (display in FrameMaker is faster without the image display)



Table shading

Can specify non-printing table shading
(heading or body rows)



Transparency

- **Buttons or shapes (defined via hypertext markers) can be transparent – adding depth and visual interest**
- **Control over opacity level, blending mode**



Link highlight style

Globally control link attributes, such as:

- **Highlight style**
- **Border line width, line style and color**
- **Non-printing underline**



Bookmark visual properties

Bookmark color and font style

(plain, italic, bold, bold italic):

- **Improve perception of hierarchy**
- **Emphasize bookmark automatically based on text strings contained in bookmark**



Popup menus (with Nav. Asst)

- **Variable pop-up menus help avoid overloading screen/page with links (e.g. “Related Topics”)**
- **Menu entries can point to:**
 - **Named destinations in current/other PDF**
 - **Web-based PDFs (or destinations in such PDFs), e-mail addresses, web sites**
 - **Acrobat Search with specific phrases**
 - **Acrobat JavaScript functions**



Popup menus (with Nav. Asst)

CONTINUED

- **Menu entries can also serve as headings for sub-menu items**
- **To facilitate editing, entries used in all popup menus are stored in a single text file (referenced during distilling)**



Selective Display of Information



Highlight

- Acrobat “highlight” annotations, coloring specific terms; can control color, style, printing
- Multiple triggers:
 - Placing the cursor on the highlighted text displays the additional information as a tooltip
 - Double-clicking the highlighted word opens a window with the additional text



Acrobat notes

Can control note's properties:

- **Icon**
- **Title**
- **Color**
- **Location**
- **Initial open/closed state**



Add'l options with form fields

- **Buttons**
 - **Visible on-screen, non-printing**
 - **Multiple triggers** (enter/exit area, click)
 - **Can be placed outside the page/slide**
- **Display of additional information**
 - **Tooltips/rollovers** (e.g. home page, diagrams)
 - **Watermarks: print + no display or vice versa**
- **Forms (optionally integrated in docs)**
 - **Checklists / surveys / Evaluation / feedback**



Tooltips...

- **Provide brief information on**
 - Buttons or text fields
 - Icons
 - Image elements
- **Note: fixed tooltip font/size in Acrobat**



Rollovers...

- **Help reduce clutter when there is a lot of information to display for various items that are in close proximity to each other**
- **Can display additional information for a link, without leaving current page**
- **Note: can control rollover font/size (also text/background/border colors)**



Optional content display

- **Can display text/graphic shapes selectively through Acrobat layers:**
 - Callouts
 - Correct answers
 - Specific areas (underline / strikethrough / circle / box / shaded box)
 - Change bars
- **Show/hide layers through bookmarks, links, page actions or Acrobat UI**



Optional image display

- **Image sequences**
 - **Can include image number display**
- **Image display based on selection of option / list item***
- **Image flipping***
- **Image rollover***

*Requires Form Assistant & Presentation Assistant



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Video / Audio / 3D



Why use multimedia or 3D?

- **Accommodate different learning styles**
(visual demo vs. text-intensive)
- **International audience;**
reduces text translation/localization
- **“Internet generation”**
- **Intuitive knowledge transfer to users**
- **Processes/products can be difficult to describe, but easily understood visually**



Multimedia can enhance...

■ Software documentation

- User guides
- Online help
- Reference
- Tutorials

■ Hardware documentation

- Installation
- Service manuals
- Interactive Electronic Technical Manuals (IETM)
- User tutorials
- Part catalogs



With FM-to-Acrobat TS ...

Can create links/bookmarks pointing to QuickTime/AVI movie files through custom hypertext markers



With Multimedia Assistant ...

- **Link (local/web-based files) or embed multimedia files**
 - Media can be in any of the formats supported by Acrobat/Reader, including: FLV / SWF [QT, MPEG, WMV, AVI, WAV, AIFF, MP3, JPEG]
- **Define movie playback location:**
 - **Floating Window**
 - **In Document**
 - **Hidden** (useful for sound-only media)
 - **Full Screen**



Dynamic 3D in hardware docs

- **Demonstration of part installation/replacement**
- **Part identification**
- **“Physically impossible” demonstrations**
- **Showcasing of color and finish options, configurations**



Dynamic 3D in hardware docs

CONTINUED

- **Empowering users so that they can investigate features, moving parts:**
 - **Dynamic viewpoints / exploded views**
 - **Motion and functional simulations**
 - **Cross-sections**
 - **Measuring**
 - **Translucency & transparency to emphasize a part**



TimeSavers + 3D Asst

- **Embed U3D (ECMA1 and ECMA3) through hypertext markers in FM files**
 - Define related views, bookmarks, links or JavaScript
 - Applies to all FM versions
 - U3D-ECMA3 features mesh compression (requires Acrobat/Reader 8 or higher)



3D view, state, interactivity

- **Define 3D Views**
 - Lighting, background color, cross-section views, render mode, zoom, node visibility
- **Control 3D annotation state**
 - Floating window
 - Transparency
- **Specify 3D-related interactivity**
 - Optionally add links/bookmarks to 3D models, 3D views, model/part properties



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Presentations



Presentation features

- **Specify page transitions**
 - Only apply to PDFs displayed in full-screen mode
 - Tip: slightly different backgrounds in different pages (e.g. left/right) are essential for effective transitions
- **Specify full-screen mode (hiding all user interface items), or selectively control UI items (e.g. suppress menus / toolbars)**



Presentation features

CONTINUED

- **Progress bar indicates current location; can also be used interactively**
- **Attach notes to specific slides, displayed on demand**
- **Create self-running presentations**
 - **Specify default timing**



Support User Input



Page marks / notes

- **Users can mark pages of special interest**
 - **Navigate to next/previous page mark**
 - **Mark/unmark all pages**

- **Users can add text notes on specific pages**
 - **Navigate to next/previous page note; directly access notes via a pop-up menu**
 - **Generate e-mail message with all notes**
 - **Display note text in Acrobat console**
 - **Reset all notes**



Page marks / notes

CONTINUED

- **Can enable Reader save with notes**
(Acrobat 8 or later)
- **Page marks/notes can be set to be visible on screen (and non-printing), or as visible & printing**
- **Find function (Acrobat/Reader) can be used to search text in notes**



Save search queries

- **Users can benefit from predefined search phrases (Find/Search) or queries (Advanced Search)**
- **Users can save their own search queries, with control over all search parameters** (useful when repeatedly performing the same search operations)



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Miscellaneous



Embed files in PDF

- **End-users can open embedded files or save them to the disk:**
 - Related files (in native format)
 - Code fragments (thus avoiding copy/paste problems)
- **Can optionally add links/bookmarks to specific locations in embedded PDFs**



Random display

- **Random tip display**
(e.g. through a bookmark)
- **“Display random page” button**



List/table sorting on-demand

- **Dynamic sorting of list / table columns by end-users (in PDF file)**



