PowerPoint[®] for Public Safety[™]

From Basic Design to Video Capture Applications and Strategies for Public Safety Personnel

PowerPoint[®] for Public Safety[™] was specifically designed for personnel tasked with making and presenting information about the operations and processes of public safety. Within this manual are the best practices which will allow personnel to more efficiently create more effective presentations.

Thomas M. Manson Police Technical www.policetechnical.com



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Welcome!

Good morning and thank you for attending this **POLICE TECHNICAL** course.

My name is Thomas M. Manson, founder of **POLICE TECHNICAL**, the company which is presenting this technical training course. Today you will be an attendee in a course which **POLICE TECHNICAL** and your instructor have been preparing for many months, and, truthfully, have been preparing for many years.

POLICE TECHNICAL has worked for several months to make your class today a reality. Each year we receive training requests from agencies across the country, and every successful class is the culmination of 4-6 months of coordination, marketing, and logistics. A May or June class likely began with a training request from the previous year. Your instructor has also worked for many years preparing to teach this class. In addition to several years of law enforcement experience, many dedicated to the subject of your class; he or she has completed a lengthy process with

POLICE TECHNICAL to become one of our instructors. This process involves a documented hiring process, a thorough background investigation, a detailed instructor and materials development process, and a continuing program of mentorship.

POLICE TECHNICAL and our instructors work hard to provide superior quality training for law enforcement in computer applications, online investigations, and forensics. I can tell you without hesitation, "*Your course today will be one of the best you have ever had in this subject, and your instructor is one of the best in the field of law enforcement*". I know you'll find this class valuable, but if ever want to talk with me about your experience, or if you would like to talk about bringing a **POLICE TECHNICAL** training course to your agency or department I would happily speak with you.

Enjoy your class, and thank you again for attending this **POLICE TECHNICAL** course.

Respectfully,

Thomas M. Manson POLICE TECHNICAL 812-232-4200 | <u>www.policetechnical.com</u> | <u>info@policetechnical.com</u>

Our History

In 2004 POLICE TECHNICAL LLC was establish to further professionalize the law enforcement training process created by Thomas M. Manson.

In 2007 POLICE TECHNICAL was recognized as a Sole Source Provider by federal law enforcement agencies, offering a level of training unavailable from any other source. POLICE TECHNICAL incorporated in 2009 to provide a suitable structure to expand business operations.

In 2010, POLICE TECHNICAL scheduled more than 50 national training courses (primarily PowerPoint[®] for Public Safety[™]).

In 2012, s new classes were developed and being taught by 6 additional instructors.

Goals of the Course

- 1. To review the concepts which make a successful presentation
- 2. To provide a basic understanding of PowerPoint®
- 3. To provide the knowledge, skills, and materials to master PowerPoint®
- 4. To provide a detailed analysis of custom animation
- 5. To provide the knowledge to capture objects for use in PowerPoint®
- 6. To provide information about saving and presenting presentations
- 7. To facilitate communication among attendees and agencies
- 8. To improve training through better communication and technology

Course Overview

Three Big P's

- 1. Presentations Skills
- 2. Preparation
- 3. Practice

Three Big Q's

- 1. Who is my audience?
- 2. What do I want them to Know, Do or Believe?
- 3. What is the most effective way to accomplish my goal?

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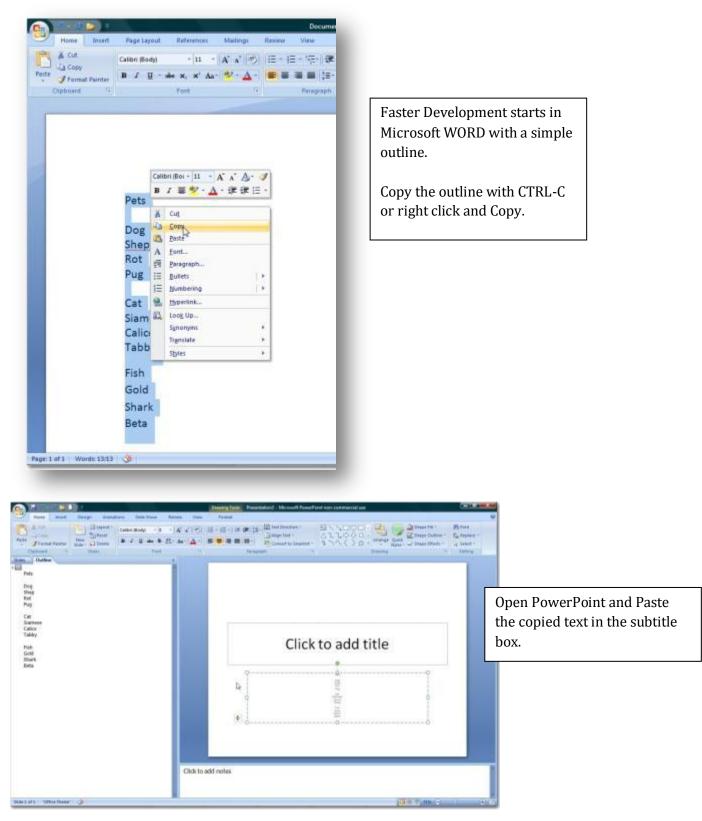
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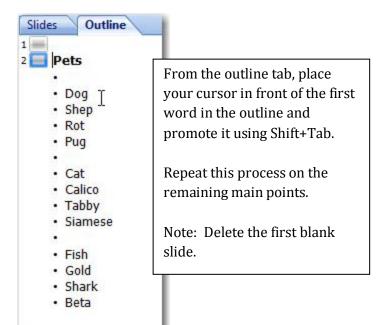
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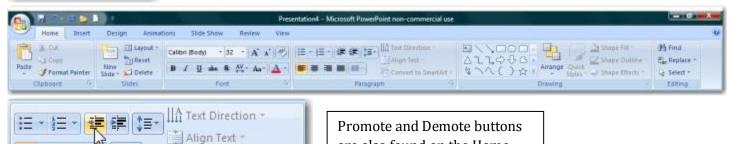




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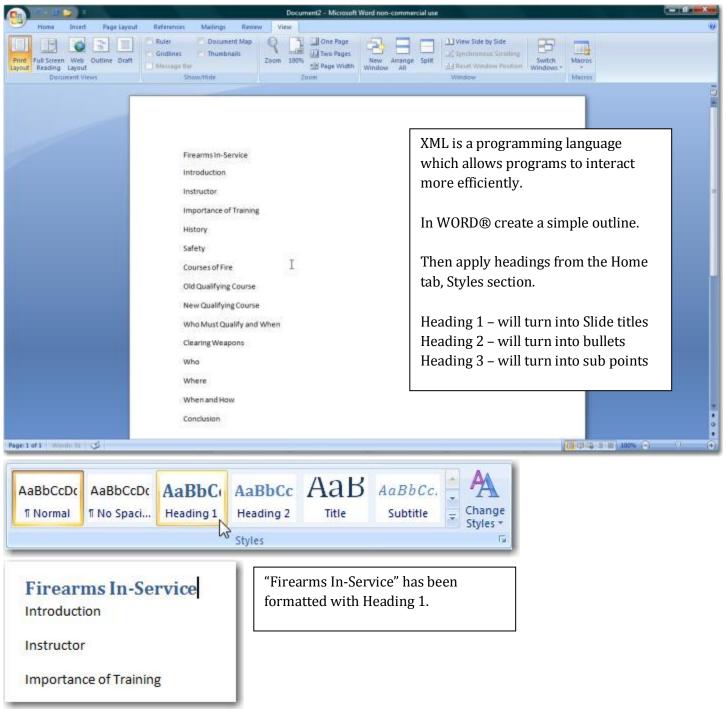
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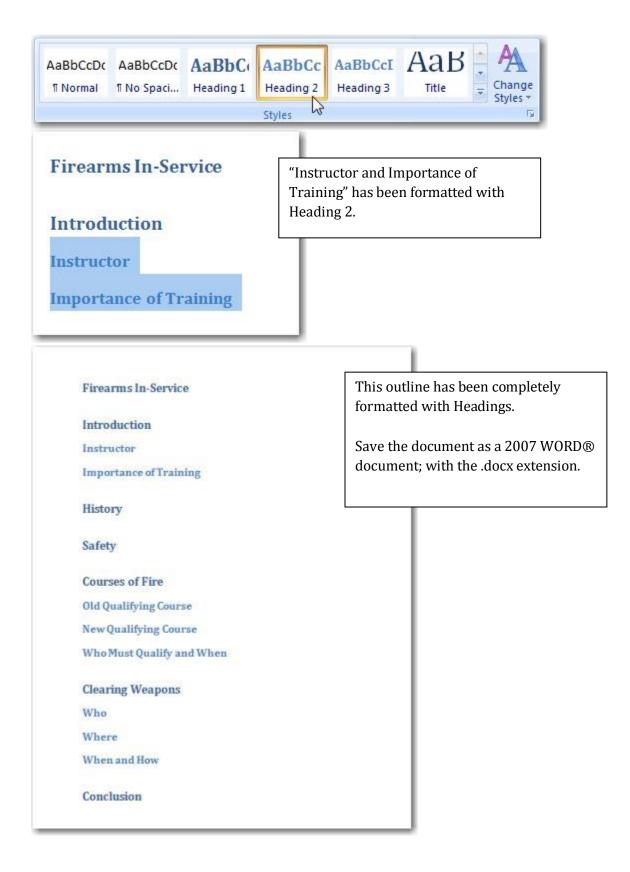
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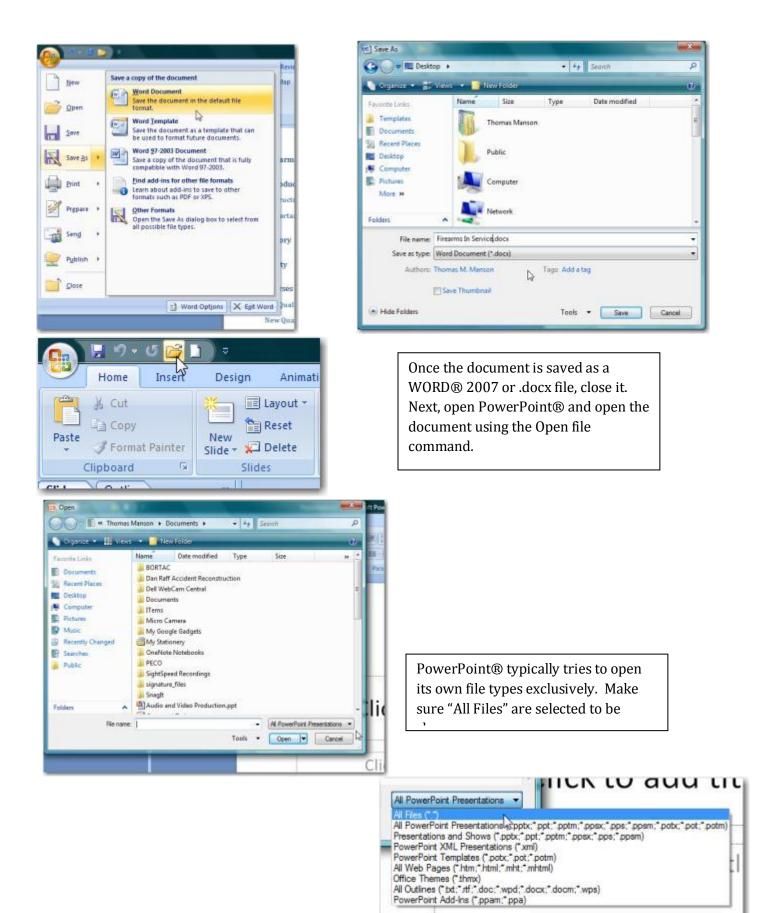
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Microsoft Word® and XML

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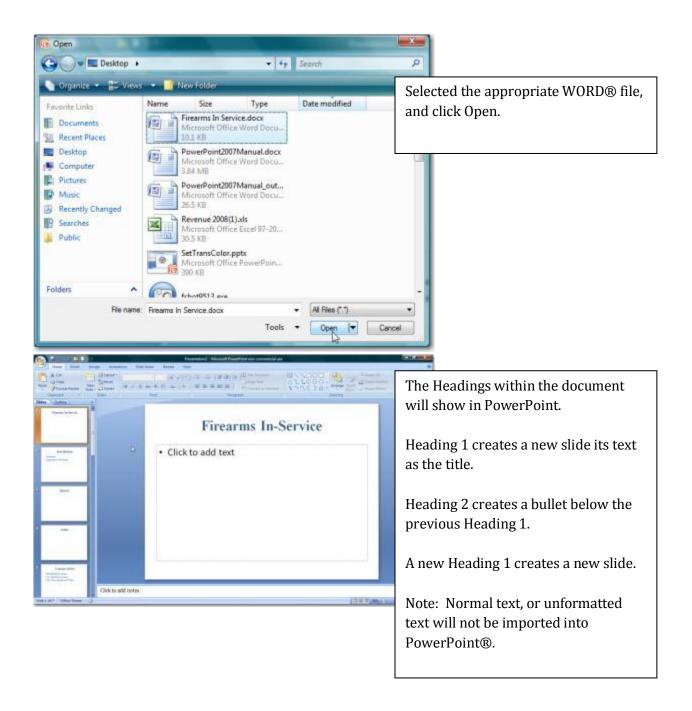
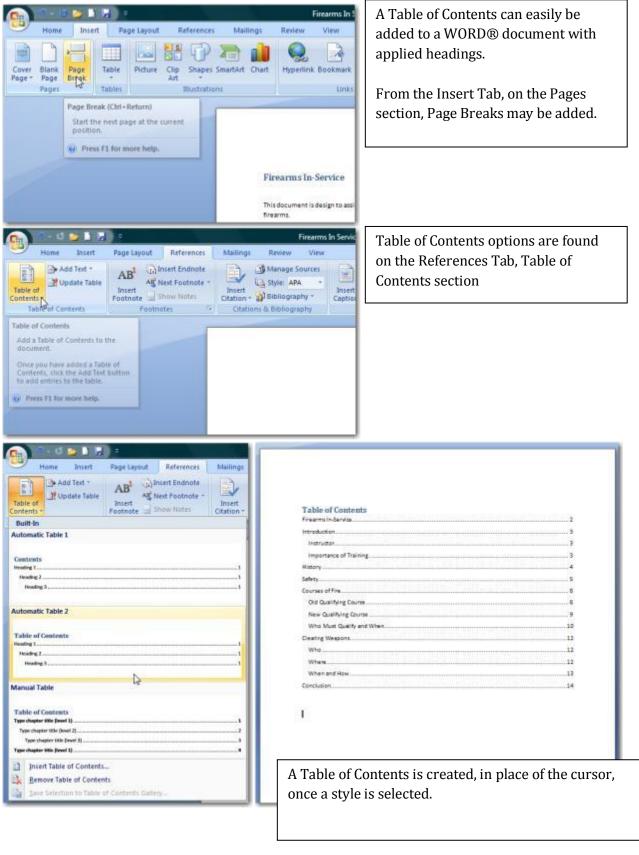
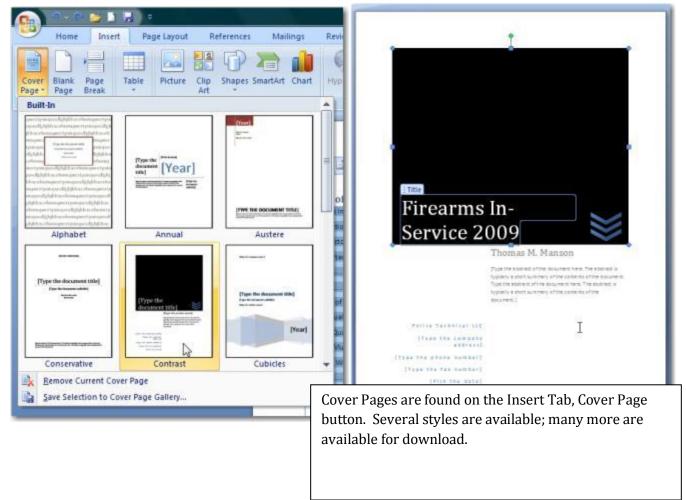


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Using PowerPoint®

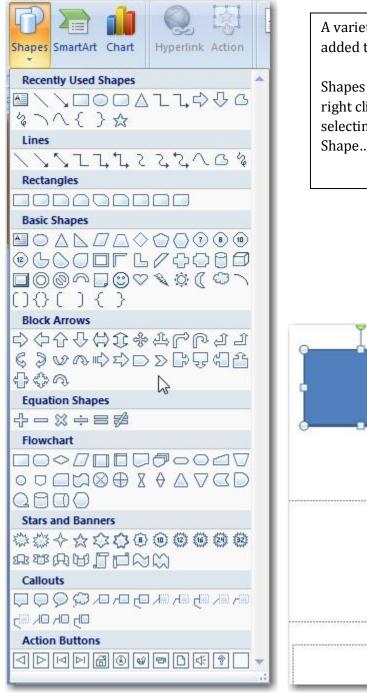
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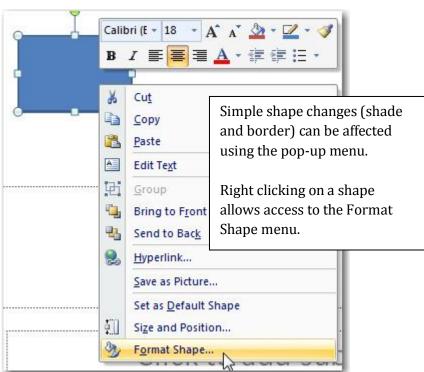


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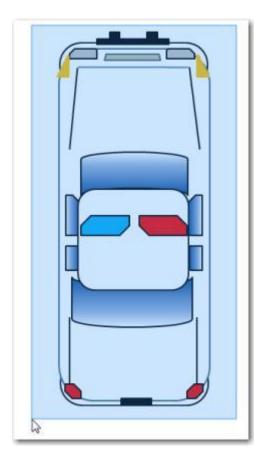
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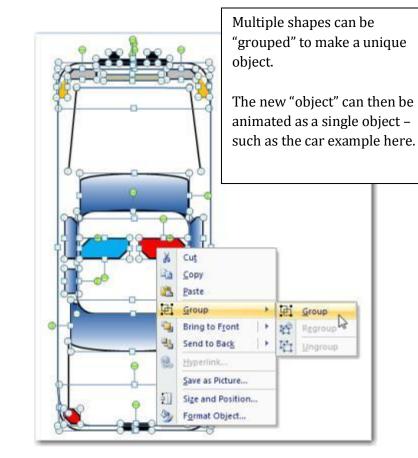
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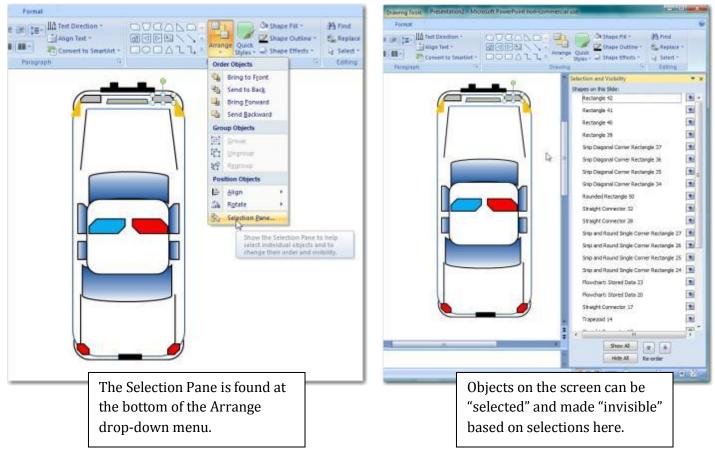


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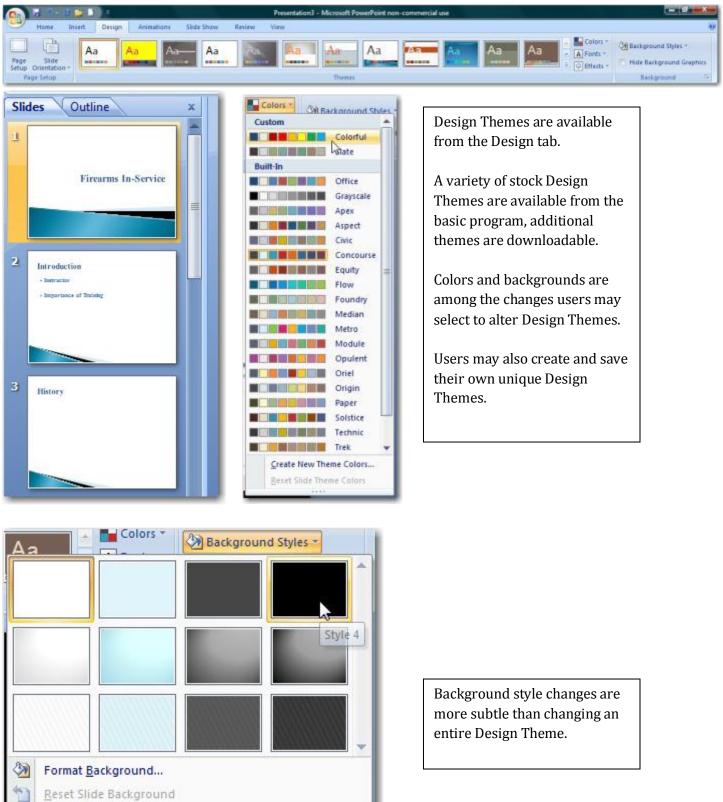
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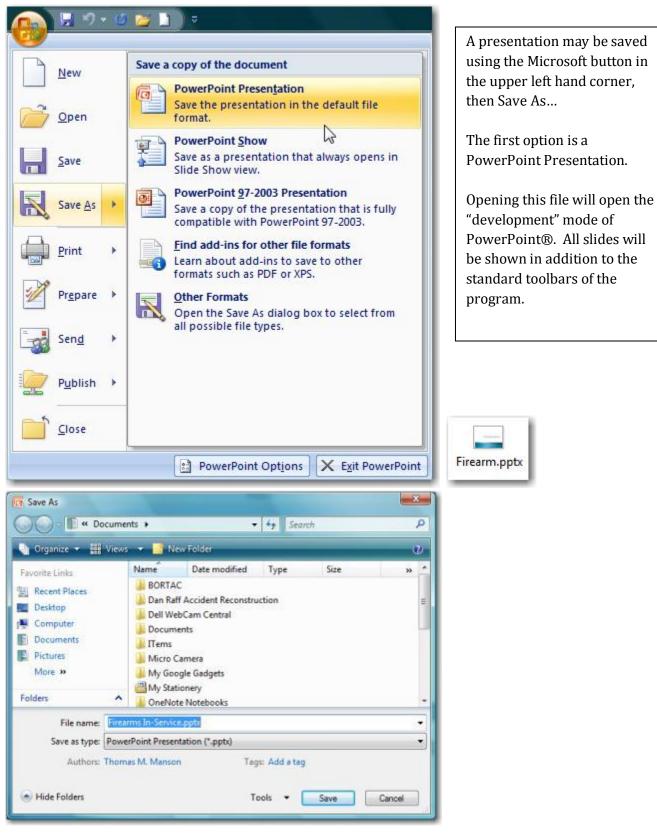


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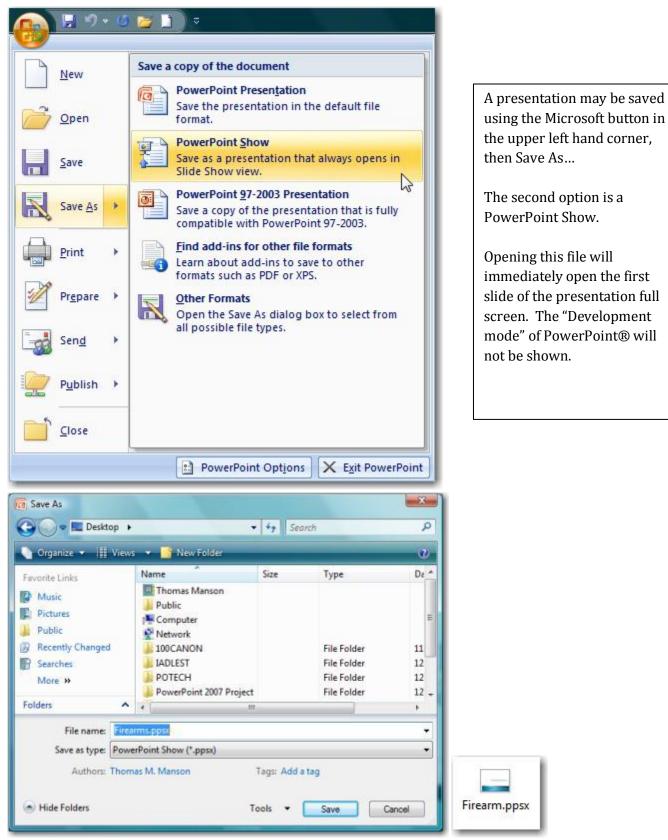


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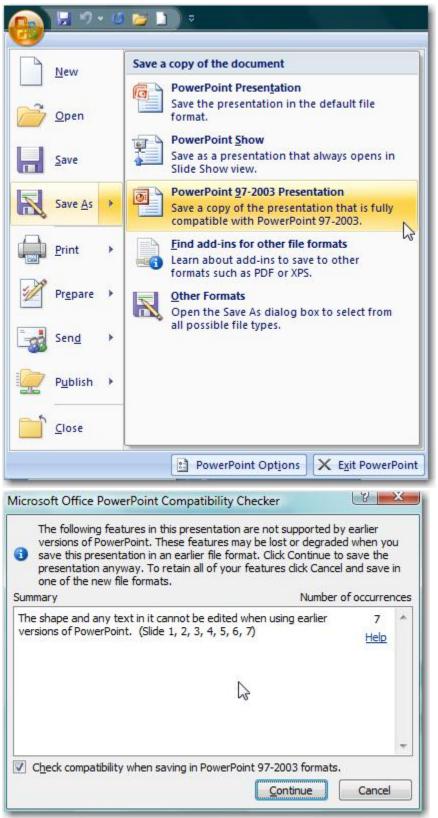
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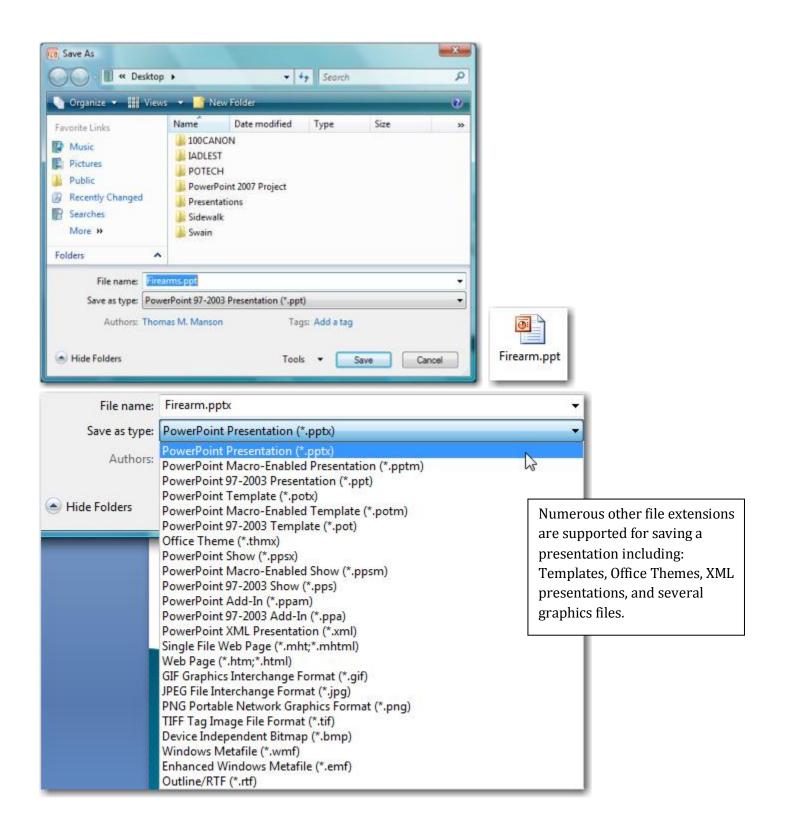


A presentation may be saved using the Microsoft button in the upper left hand corner, then Save As...

The third option is a PowerPoint 97-2003 Presentation.

Saving a PowerPoint® 2007 presentation in this manner will "flatten" or degrade all graphics created using 2007 tools. Changes will be indicated by the Compatibility Checker.

Note: Users should retain a PowerPoint® 2007 copy for future editing of any presentation downgraded into a PowerPoint® 97-2003 file.



Publish

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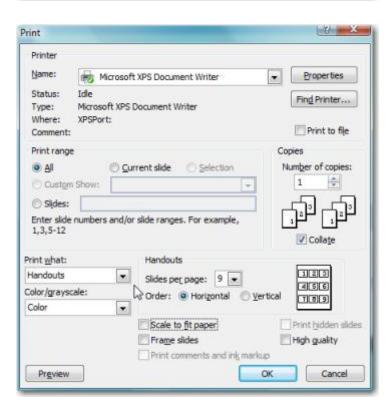
Security can be enabled from the Save As... window by selecting Tools, General Options....

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Printing Presentations

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Hyperlinking

Rules of Hyperlinking

- 1. PowerPoint[®] "sees" nearly everything on a slide as an "object"
 - a. This includes: Text boxes, pictures, clip art, et cetera.
- 2. Any object can have an action setting or hyperlinks applied to it.
- To apply an action setting the object must be selected (e.g. have grab bars appearing) 3.
- Have a legitimate reason for using action settings 4.
- 5. Make action setting simple

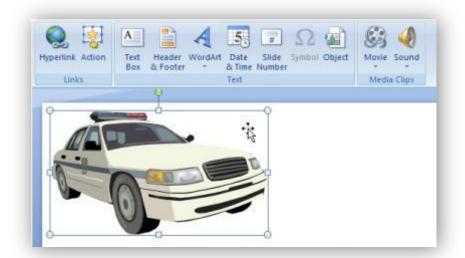
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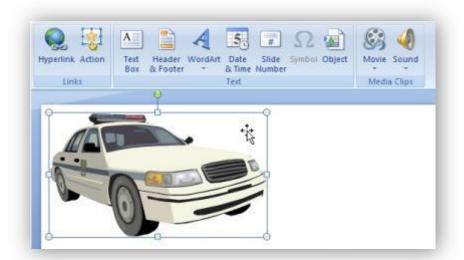
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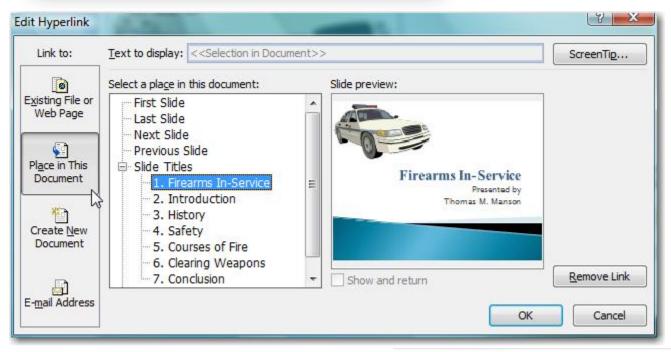
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Object <u>a</u> ction:	
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 ✓ Play sound: [No Sound] ✓ Highlight click: 	
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Hyperlinks



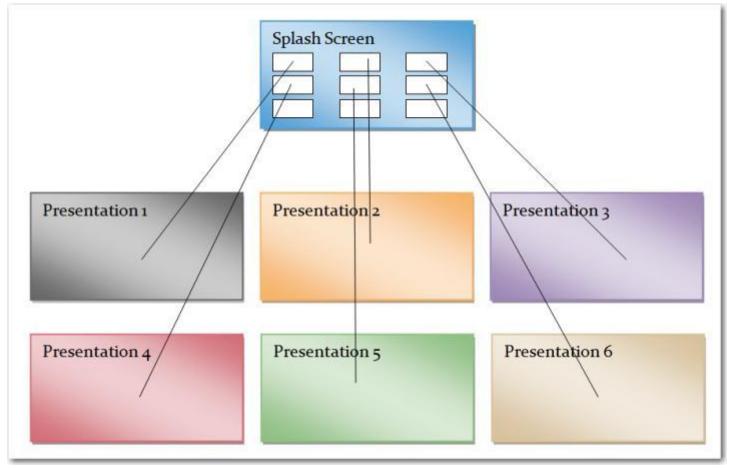


ScreenTip tex	t:		
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		supported in Micr	osoft® Interne
Explorer ® ve	rsion + or later.		



Creating a Splash Screen®

- 1. Create your presentations
 - a. Gather them in one location (not required, but helpful)
- 2. Create another presentation with a single slide
 - a. This will become your Splash Screen®
- 3. Place a variety of shapes on the slide to serve as anchors
 - a. Use shapes (with text) instead of Text Boxes
 - b. Include additional shapes for future expansion
- 4. Apply action settings to each shape
 - a. Hyperlink to "Other PowerPoint® Presentation ... "
- 5. Modify shape color and text
 - a. Two lines of at least ten characters are a good guide
- 6. Save Splash Screen as a PowerPoint® show file (.ppsx)

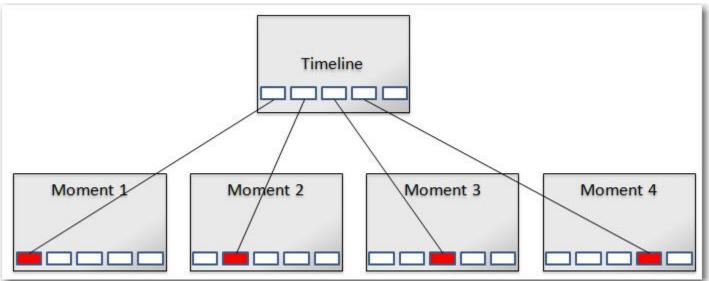


- 1. Clicking the Splash Screen icon (XXXXX.ppsx) will activate the slide show.
- 2. Clicking on a "hyperlinked" shape will cause that presentation to open.
- 3. A presentation will close after its last slide (or with the ESC key) returning to the Splash Screen®
- 4. Use of the ALT+TAB key will facilitate moving between presentations
- 5. The Splash Screen[®] will close with the ESC key returning the user to the desktop.

Creating a Timeline

A different type of Splash Screen[®] the Timeline is a self-contained presentation that links to itself. In the example below the entire presentation is merely 5 slides long.

- 1. Create slides representing each moment of time
 - a. This process is greatly aided with Microsoft Word©
 - b. Timelines can be of any period. Fractions of seconds to years.
- 2. On any slide use lines or shapes to represent the timeline
- 3. Place a variety of shapes near the timeline to serve as anchors, or use the timeline itself
 - a. One shape for each moment in time
 - b. Callout boxes work nicely, Line Callout 2
 - c. Text boxes can be added to enhance understanding
 - d. Terminators at opposite ends of the timeline help define the scale
- 4. Apply action settings to each shape
 - a. Hyperlink to "Slide ... "
- 5. Copy "hyperlinked" timeline to each slide
- 6. Modify shape color of timeline anchor on its corresponding slide
 - a. This helps the audience understand which moment on the timeline is being discussed
- 7. A "Home" text box, linked to the first slide, placed on the Master slide, will assist with navigation
- 8. Save file as a PowerPoint[®] show file (.ppsx)



- 1. Clicking the Splash Screen icon (XXXXX.ppsx) will activate the slide show, i.e. the timeline.
- 2. Clicking on a "hyperlinked" shape will cause that slide to open.
- 3. A presentation will close after its last slide or at any time with the ESC key

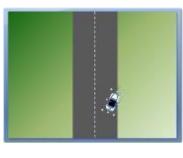
Animation

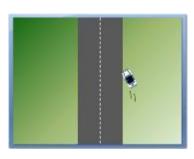
Transitions

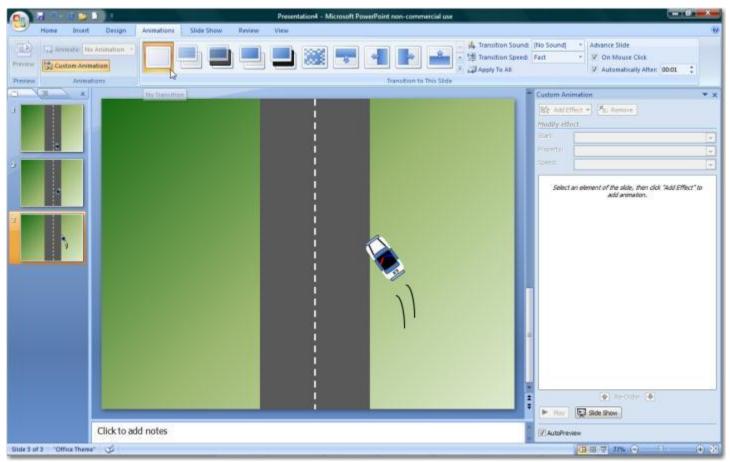
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Animation through Transition

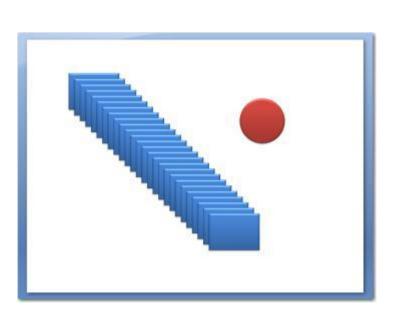


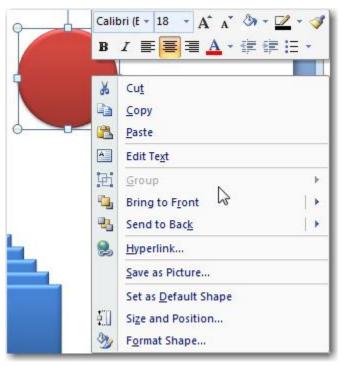






Stacking Order





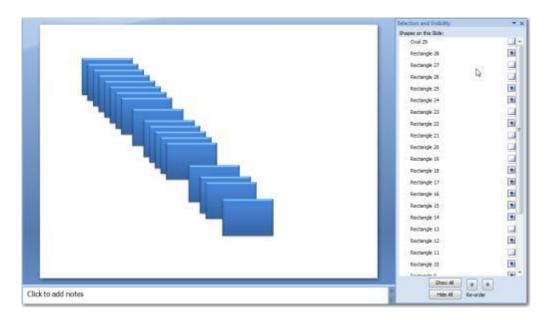
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Selection and Visibility Tab

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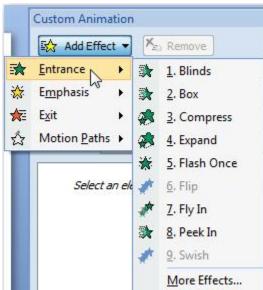
Selection and Visibility

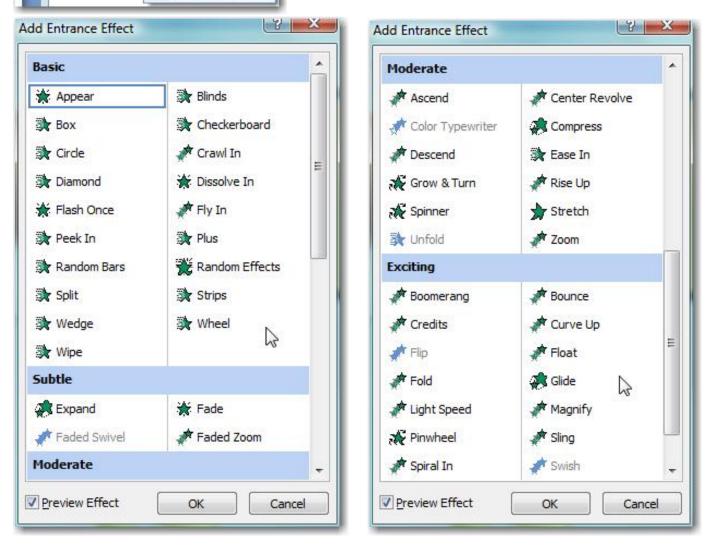
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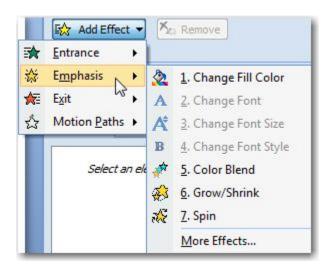
Custom Animation

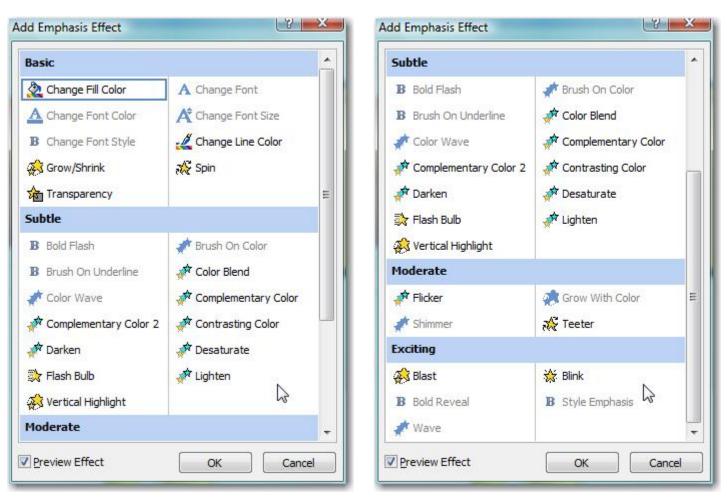
Entrance

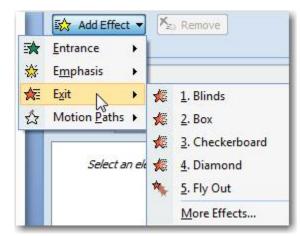


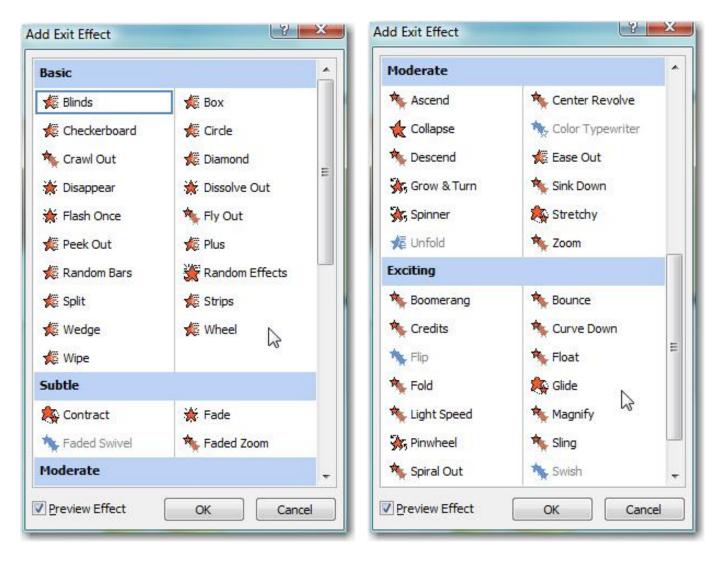


Emphasis

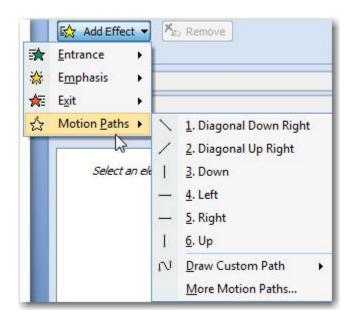








Motion Paths



Basic		
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ズズ 6 Point Star	🚫 8 Point Star	
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North Diamond	📩 Equal Triangle	
C Football	🖤 Heart	
🔿 Hexagon	Octagon	_
🗠 Parallelogram	Pentagon	
📐 Right Triangle	C Square	
🖒 Teardrop	Trapezoid	
Lines & Curves		
🗢 Arc Down	🤇 Arc Left	
) Arc Right	← Arc Up	
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🖒 Curvy Left	🕝 Curvy Right	+

Entrance ► Emphasis ► Exit ►		
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Swoosh	8 Vertical Figure 8	+

Effects and Timing

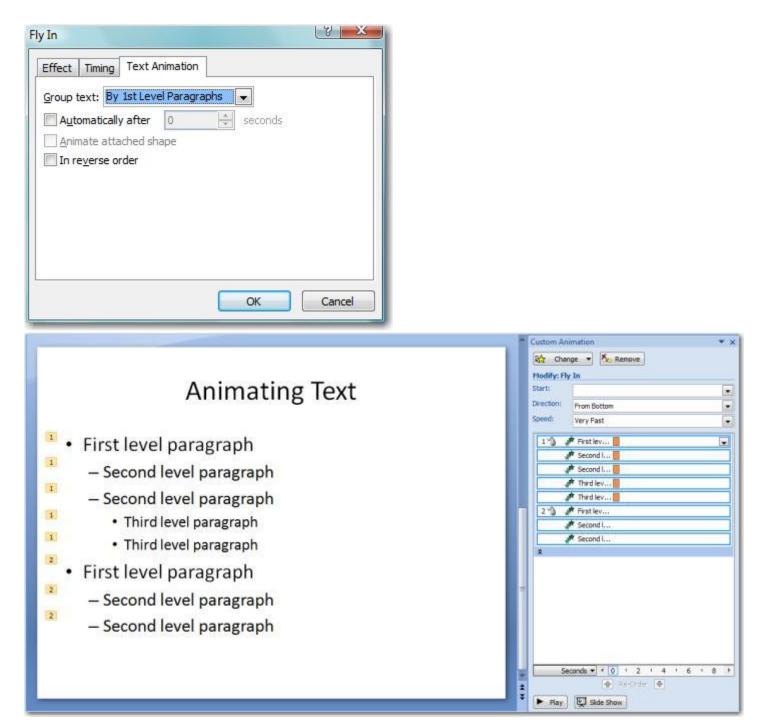
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Advanced Timeline

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Neture 6	Picture 6 🔶
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AutoPreview	AutoPreview

Animating Text



Diagramming Process

"Good, Fast, Cheap...Pick Two." Guiding Principle of Custom Development

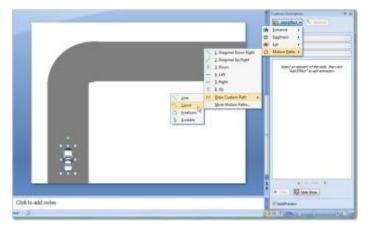
To create custom animations in PowerPoint[®] you need four things in place:

- 1. A clear understanding of the process you wish to animate
 - a. If you can verbally describe it can likely be animated in PowerPoint®
- 2. A clear understanding of the PowerPoint® custom animation principles
 - a. Understanding what PowerPoint[®] can and cannot do defines the project
- 3. Time
 - a. The importance of the project and its frequency of use should determine how much time is devoted to a custom animation
 - b. If an animation will be used in the academy for the next 5 years it warrant spending 24 hours to perfect it; likewise a onetime use for an important court case.
- 4. Patience
 - a. Animation will try the patience of most first time developers

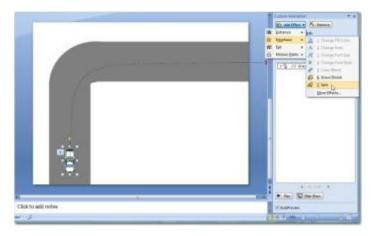
The following three steps make developing animations in PowerPoint[®] more effective and time efficient:

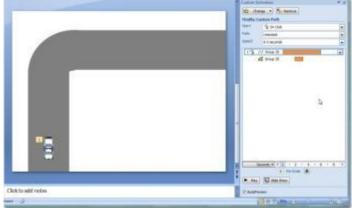
- 1. Talk out the process
 - a. With someone equally knowledgeable on the topic
 - b. Talk it out, out loud
- 2. Sketch out the process
 - a. Using paper and pen
 - b. Draw out the process as you understand it
 - i. Story board
 - ii. Single image
 - c. Use stick figures and simple shapes
 - d. Label major components
 - e. Note: If you cannot draw the animation, you should question if custom animation is the best option for the project. Video or pictures may be more effectively and quicker.
- 3. Begin development in PowerPoint®
 - a. Resist the urge to skip steps 1 and 2.
 - b. The sketch is actually an outline which if created and used will
 - i. Greatly speed development
 - ii. Increase accuracy of the final project

Animation Case Study – Vehicle









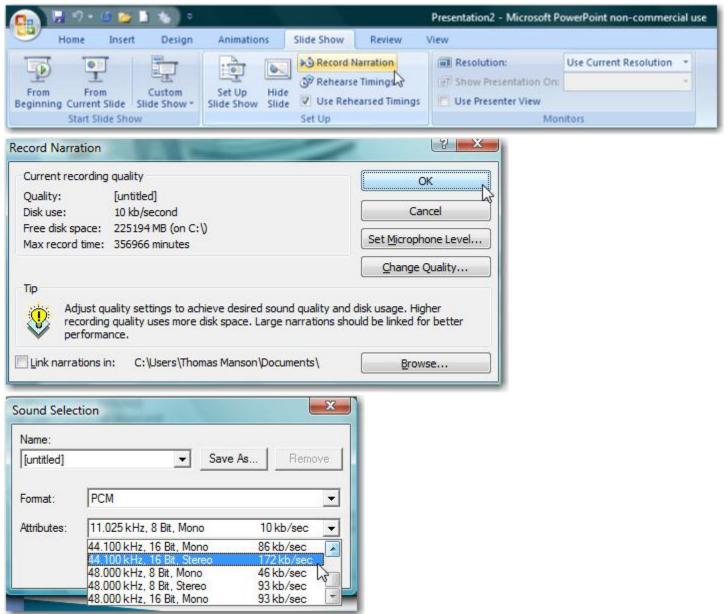
Audio

Adding a Soundtrack

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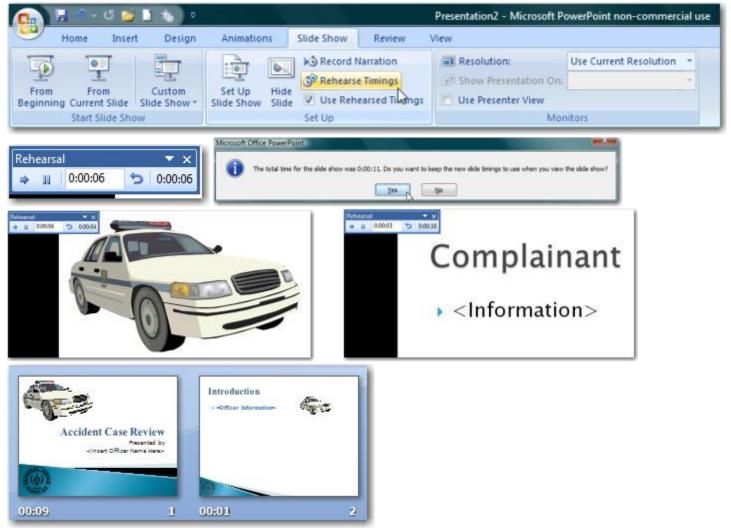
Record Narration



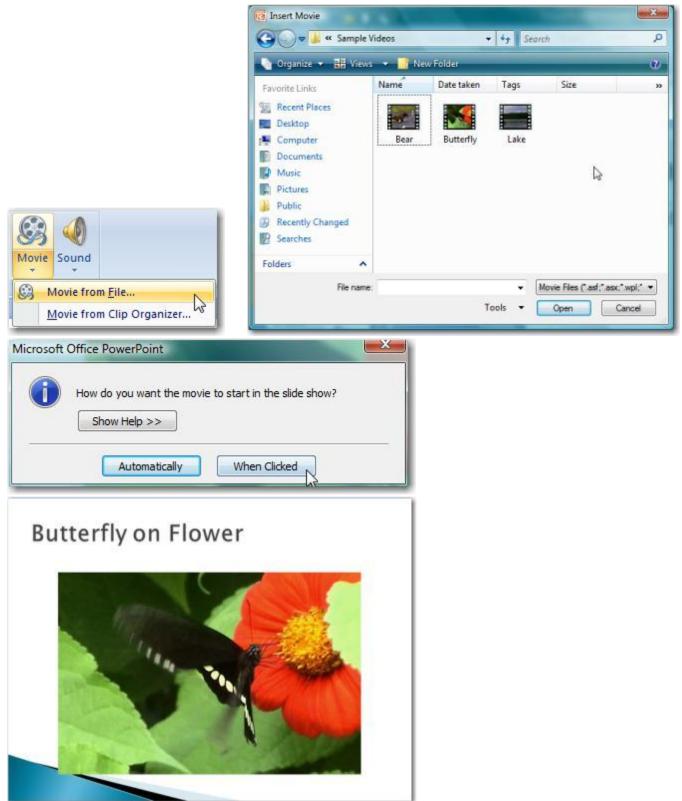
911 Recording and Text

The process for combining an audio tape with a transcript is

- 1. Obtain a digital copy of the recording (.wav, .mp3)
- 2. Obtain a digital copy of the transcript of the recording. (Microsoft Word®)
- 3. Create a presentation from the transcript with no more than a few paragraphs per slides.
- 4. Insert the audio file onto the first slide
 - a. Select to play automatically
- 5. Make sound play for entire presentation
 - a. Either from Ribbon Options Tab "Play across slides"
 - b. Custom Animation Effects Stop playing after XX of slides
- 6. Rehearse Timings from the Slide Show tab
 - a. Advance to the next as the transcript is "read" using the space bar
- 7. F5 to test; save as ppsx.

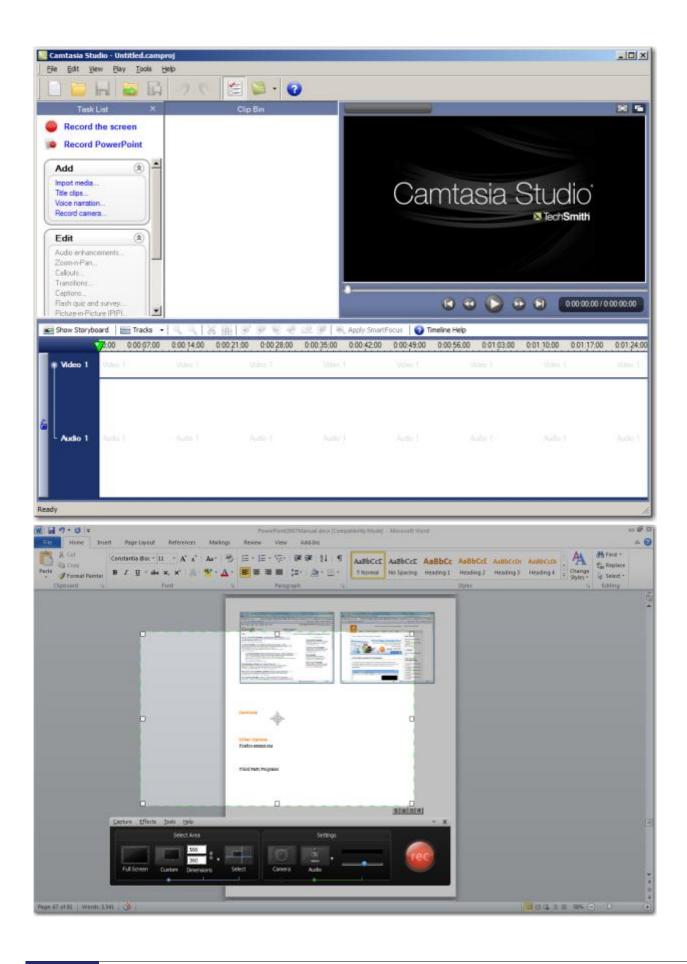


Video



Camtasia

dio smitti	
Police Technical 1	
Overview Record	Tutorial Videos Produce Share more
	Smith Police Technical PowerPoint Test 1 more



Keyboard Shortcuts

CTRL + Z	Undo
CTRL + Y	Redo
CTRL + B	Bold On/Off
CTRL + X	Cut
CTRL + C	Сору
CTRL + V	Paste
CTRL + M	New Slide
CTRL + N	New Presentation
CTRL + O	Open dialog box
CTRL + S	Save
CTRL + D	Duplicate
CTRL + R	Right justify text
CTRL + L	Left justify text
CTRL + E	Center text
CTRL + A	Select all
CTRL + P	Print dialog box

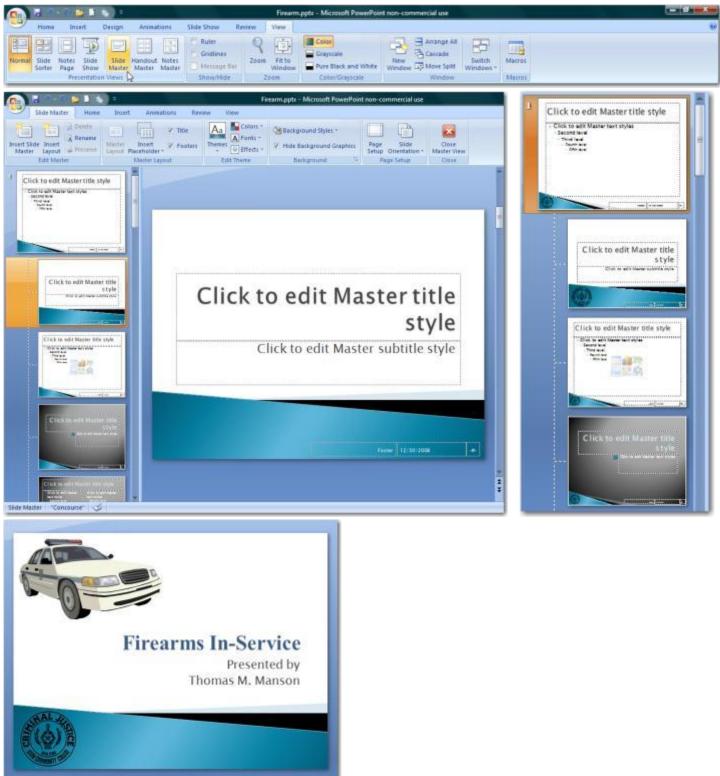
During the slide show:	ОК
'N', left click, space, right or down arrow, enter, or page down	Advance to the next slide
'P', backspace, left or up arrow, or page up	Return to the previous slide
Number followed by Enter	Go to that slide
'B' or '.'	Blacks/Unblacks the screen
'W' or ','	Whites/Unwhites the screen
'A' or '='	Show/Hide the arrow pointer
'S' or '+'	Stop/Restart automatic show
Esc, Ctrl+Break, or '-'	End slide show
'E'	Erase drawing on screen
Ή	Go to next slide if hidden
Т	Rehearse - Use new time
'0'	Rehearse - Use original time
'M'	Rehearse - Advance on mouse click
Hold both the Right and Left Mouse buttons down for 2 seconds	Return to first slide
Ctrl+P	Change pointer to pen
Ctrl+A	Change pointer to arrow
Ctrl+E	Change pointer to eraser
Ctrl+H	Hide pointer and button
Ctrl+U	Automatically show/hide arrow
Right mouse dick	Popup menu/Previous slide
Ctrl+S	All Slides dialog
Ctrl+T	View task bar
Ctrl+M	Show/Hide ink markup

PowerPoint[®] 2007 Only

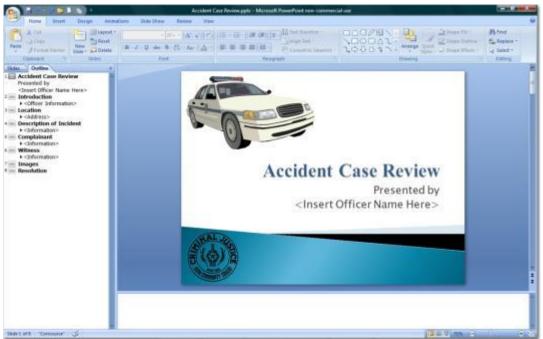
ALT + (another letter) Opens the entire ribbon for access



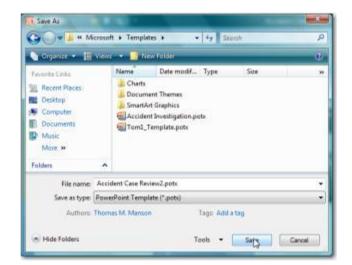
Master Slides



Templates











Accident Case Review2.potx Accident Investigation.potx Tom1_Template.potx TroubleDuck.pot	Preview Preview Accident Case Review Presented by Insert Officer Name Here>
	OK Cancel

Cell Phone Investigations[™] by Aaron Edens

Data from cell phones. Simply the most comprehensive course on cell phone examination and investigations. From the handset to the tower to the phone company to the courtroom.

Craigslist Investigations[™] by Wayne Nichols

Methods and tools for successful Craigslist investigations. Case examples include property related crimes, drug investigations, prostitution, and enticement of juveniles.

Digital Forensics and Evidence Handling[™] by Andrew E Neal

Data from devices. How the process works, how to handle digital evidence, what not to do, how to win in court, future directions, and building on your own in-house lab.

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Social Media Methods[™] by Doug Nolte

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