Animate your SmartArt graphic

You can create moving, animated SmartArt graphics to provide additional emphasis or show your information in phases. You can animate your entire SmartArt graphic or only an individual shape in your SmartArt graphic. For example, you can make each circle of a Venn diagram fly in one at a time or create an organization chart that fades in by level.

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- Add an animation
- Set the animation effect options
- Copy animations from one SmartArt graphic to another
- Animate individual shapes in your SmartArt graphic
- Reverse the order of an animation
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Overview of animation

To decide which animation works best with the layout for your SmartArt graphic, view your information in the SmartArt graphic text pane, since most animation starts with the top bullet shown on the Text pane and moves down. Alternatively, you can play an animation in reverse order. If the Text pane is not visible, you can display it.

How do I display the Text pane?

The animations that are available depend on the layout that you choose for your SmartArt graphic, but you can always animate all of the shapes at once or one shape at time.

Animated items are noted on the slide by nonprinting numbered tags. These tags correspond to the animations in the Animation Pane list, are displayed to the side of your SmartArt graphic, and appear only in Normal view with the Custom Animation task pane displayed.

NOTE   Apply animation sparingly to prevent obscuring your message or overwhelming your audience.

ANIMATIONS FOR SMARTART GRAPHICS

Animations that you apply to a SmartArt graphic are different from animations that you can apply to shapes, text, or WordArt in the following ways:
When you switch SmartArt graphic layout, any animation that you have added is transferred to the new layout.

Some animation effects, such as the Swivel Entrance effect or the Flip Exit effect, are available only for shapes. Effects that are unavailable for SmartArt graphics will appear dimmed. If you want to use animation effects that are unavailable for SmartArt graphics, right-click the SmartArt graphic and click Convert to Shapes, and then animate the shapes.

To set the animation effect options, do the following:

1. Select the SmartArt graphic that has the animation that you want to modify.
2. On the Animations tab, in the Advanced Animations group, click Animation Pane.
3. In the Animation Pane list, click the arrow to the right of the animation that you want to modify, and then select Effect Options.
4. In the dialog box, on the SmartArt Animation tab, in the Group graphic list, select one of the following options:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>As one object</td>
<td>The animation is applied as if the whole SmartArt graphic is one large picture or object.</td>
</tr>
</tbody>
</table>
All at once

All of the shapes in the SmartArt graphic are animated at the same time. The difference between this animation and As one object is most notable in animations where the shapes rotate or grow. With All at once, each shape rotates or grows individually. With As one object, the whole SmartArt graphic rotates or grows.

One by one

Each shape is animated individually, one after the other.

By branch

All of the shapes in the same branch are animated at the same time. This animation works well with branches of an organization chart or a hierarchy layout and is like One by one.

By level at once

All shapes at the same level are animated at the same time. For example, if you have a layout with three shapes that contain Level 1 text and three shapes that contain Level 2 text, the three shapes that contain Level 1 text are animated together first, and then the three shapes that contain Level 2 text are animated together.

By level one by one

The shapes in the SmartArt graphic are animated first by level and then individually within that level. For example, if you have a layout with four shapes that contain Level 1 text and three shapes that contain Level 2 text, each of the four shapes that contain Level 1 text are animated individually first, and then each of the three shapes that contain Level 2 text are animated individually.

NOTES

- When you apply All at once, some animations behave differently than they do when you apply As one object. For example, with the All at once option applied to the Fly In animation, shapes that have farther to fly will fly at a faster speed so that all of the shapes arrive at their destinations at the same time. With As one object applied, all parts of the SmartArt graphic are animated in the same way (in the case of the Fly In example, at the same speed).

- If you apply any animation to your SmartArt graphic other than As one object, then any other animations you apply to that same SmartArt graphic cannot be As one object. Multiple animations applied to SmartArt graphics must be all As one object or all not As one object.

- If you apply any animation (except As one object) to a SmartArt graphic, the background for the SmartArt graphic is always
visible on the slide. It is not possible to animate the background, although the background may not be apparent to you if it does not have a fill or lines applied to it.

Copy animations from one SmartArt graphic to another

One of the new features in Microsoft PowerPoint 2010 is the Animation Painter. Using the Animation Painter, you can easily and quickly copy an animation or several animations from one SmartArt graphic to another.

To copy animations from one SmartArt graphic to another, do the following:

1. Select the SmartArt graphic with the animations that you want to copy.
2. On the Animations tab, in the Advanced Animation group, click Animation Painter.
3. Click the SmartArt graphic that you want to copy the animations onto.

Animate individual shapes in your SmartArt graphic

1. Click the SmartArt graphic that you want to animate.
2. On the Animations tab, in the Animation group, click More, and then select the animation that you want.
3. On the Animations tab, in the Animation group, click Effect Options and select One by One.
4. On the Animations tab, in the Advanced Animations group, click Animation Pane.
5. In the Animation Pane list, click the expand chevron to display all of the shapes in your SmartArt graphic.
6. In the Animation Pane list, select all of the shapes that you don't want to animate, by holding down the CTRL key and clicking each shape in turn.
7. On the Animations tab, in the Animation group, click No Animation. This removes the animation effect from the shape. It doesn't remove the shape itself from your SmartArt graphic.
8. For each remaining shape, select the exact animation options that you want by selecting the shape in the Custom Animation list, and then either right-clicking the shape or clicking Change.
9. When you've finished selecting the animation options that you want, close the Animation Pane.

NOTE Effects that are unavailable for SmartArt graphics will appear dimmed. If you want to use animation effects that are unavailable for SmartArt graphics, right-click the SmartArt graphic and click Convert to Shapes, and then animate the shapes.
Reverse the order of an animation

1. Click the SmartArt graphic with the animation that you want to reverse.
2. On the Animations tab, in the Advanced Animation group, click Animation Pane.
3. Right-click the custom animation in the Animation Pane list, and then click Effect Options.
4. Click the SmartArt Animation tab, and then select the Reverse order check box.

Remove an animation

1. Click the SmartArt graphic with the animation that you want to remove.
2. On the Animations tab, in the Animation group, click No Animation.

NOTE If you don’t see No Animation, click More for more options.