X-FACTOR

## How does the X-Factor affect my multiple quad skin/image?
The answer is... in many ways, or directions that is!

A full understanding of the X-Factor is one of the most valuable tools a designer of xpressions can utilize. We know that the X-Factor begins in the very center of a 1x1 skin or more accurately the center of any single quad area. The center or cross point of the X created from drawing an imaginary line from quad corner to quad corner is the starting point. Tension fabric distortion starts out at the center and increases as your image gets closer to the quad corners. The distortion is about equal at 3 inches from the middle edge of a skin as 5" from the corners of the skin, this is a result of the fabric being pulled to the quad corner hub connection point.

This is all very simple to understand when discussing 1x1 single quad skins. What about 2x2, 1x3, 3x1 or other skins that occupy multiple quadrants and have more than four connection points? The more connection points a skin has the more directions the skins are pulled and as a result the more areas an image can be pulled or distorted. These connection points can produce many exciting design options when planned for. However, these same multiple connection points can wave a line of text or distort a logo placed too close to the edge of the focus area. For this reason it is important to know if the skin you are designing for has four, six or even eight connection points. Once you know the quantity of connection points it is easy to determine what directions your skin will be pulled toward. Keep this in mind when designing for a multiple quad xpression skin and you will be able to effectively ascertain the position of any crucial text or logos.

2x2 skin shown. Eight connection points on Four Quads, producing Four X-Factor areas.
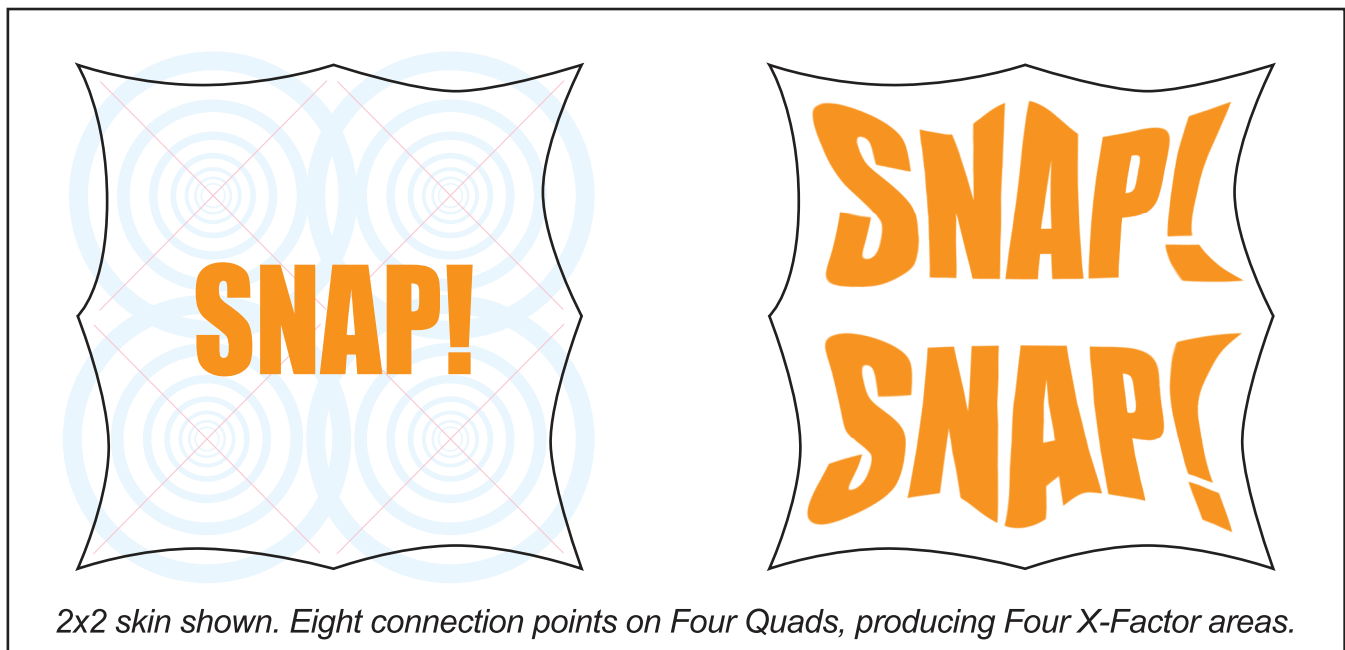
This diagram should help visualize the way any image will react when placed on a multiple quad skin. Remember, each quadrant creates the X-Factor. A single skin may have multiple X-Factor areas. Specifically, one X-Factor area exists for each quad the skin is occupying.