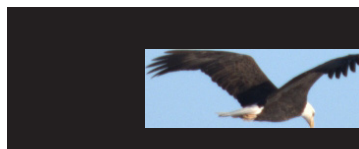# IDENTIFLIGHT WAS DEVELOPED TO MINIMIZE BIRD COLLISIONS WITH WIND TURBINES

THE IDENTIFLIGHT SYSTEM WAS DEVELOPED FOR TWO REASONS:

1. To count the number of special birds that are in an area so that scientists can know the number and behaviors
2. To automatically control wind turbines that may pose a risk to the bird

IDENTIFLIGHT AND YOUR PERSONAL PRIVACY

You may have seen an IdentiFlight Aerial detection unit in a wind farm or potential wind farm site in your area and wonder if the device impacts your personal privacy. This is a reasonable question since the IdentiFlight instrument utilizes a camera array. However, as is explained below, the system looks only for large birds and only records the specific portion of sky in which the bird is flying.

Actual image captured by IdentiFlight. The system automatically masks everything except for objects determined to be avian.

IdentiFlight was designed solely to detect eagles (and in some cases, other protected avian species in your area). It does this with a ring of stationary wide-angle cameras that automatically detect motion of objects the size of an eagle at 1,000 meters distance. If the moving object could be a target of interest, a high-resolution camera moves to look at it. The software establishes boundaries around the target bird and discards all information outside those boundaries.

The flying object is evaluated in seconds for size, shape, and color to decide if it is the species of bird the system is looking for. If the bird is not a species IdentiFlight is looking for, the system simply waits for another potential object. All of this happens automatically without human intervention.

Only in the event that a bird of interest is identified does IdentiFlight record image data. The recorded data includes the image of the bird and its location. One image per second is recorded until the bird is out of range or the system responds to a different potential bird of interest. These images are stored and may be viewed by human analysts, but only through a secure communication system.

So in conclusion, IdentiFlight is an automatic system that looks only for birds and records only data about birds. Your privacy is safe and 100% off limits to the IdentiFlight system. And you can feel better knowing that IdentiFlight is making sure the eagles have no reason for concern as well.