



Minimizing wildlife impacts  
while maximizing  
energy production



# Protecting Birds Around the World with Industry Leading Results

The IdentiFlight aerial detection system blends artificial intelligence with the high-precision optical technology to detect eagles and other protected avian species. In an operating wind farm, IdentiFlight contributes to protected avian species conservation by helping protect them from collisions with rotating wind turbine blades. In wind project development, IdentiFlight helps in permitting sites by accurately quantifying avian activity at prospective sites. Automatic detection and species determination occur within seconds for birds flying within a one kilometer hemisphere around an IdentiFlight tower. The IdentiFlight system is commercially deployed at projects around the world. It has actively tracked and documented over 2.2 million eagles, increasing by 1 million every year with over 47 million images of protected species gathered. With every identification, the IdentiFlight system becomes more accurate and robust.

Ability to detect birds anywhere within 1km range with a 200ms response time

Ability to identify, target, and distinguish protected species

Ability to distinguish among species with similar wingspans

Detectability rate of more than 99%

High resolution stereoscopic imagery

Position, velocity, predictive trajectory &  
course probability all calculated in realtime

Continuous operation with real time  
identification and decision making

Alarms and output  
signals for immediate  
curtailment

## We help customers

navigate the complex  
environment of  
**protecting specific avian  
species** while **sustaining  
an efficient and  
productive** wind farm.

To learn more visit  
[www.identiflight.com](http://www.identiflight.com)

