



IdentiFlight

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 reducing collisions with rotating wind turbine blades. In wind project development, IdentiFlight assists with permitting 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 200 millisecond 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

