

SONG METER WITH ANALYSIS & REMOTE TRANSFER

SMART SYSTEM

Reduce Bat Fatalities & Curtailment Costs



Detect bats. Minimize fatalities. Reduce downtime.

Wildlife Acoustics' SMART System uses real-time bat detection to reduce bat fatalities, curtailment costs, and turbine downtime while increasing Annual Energy Production (AEP).

HOW SMART CAN HELP

Detect bats of concern in real-time, reliably.

Add custom alarms that match bat-call parameters you set, and receive a notification when the bats you care about are nearby.

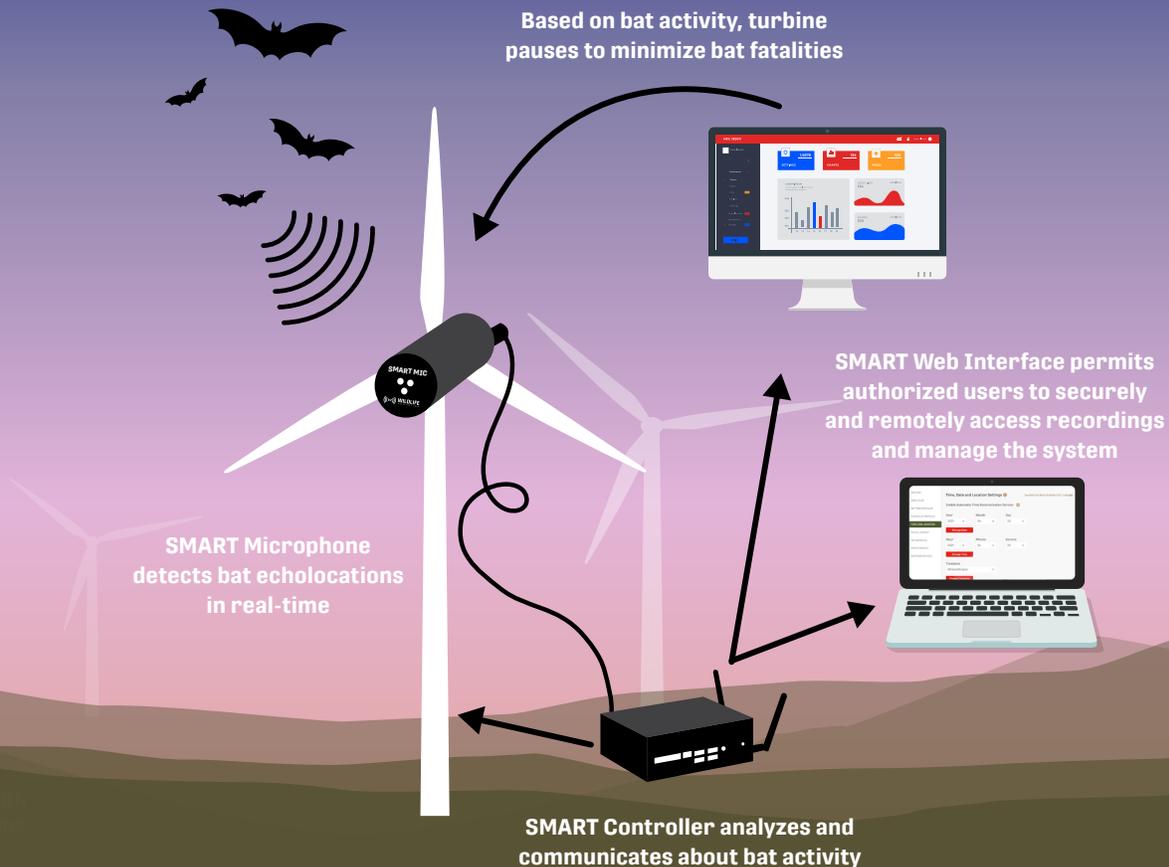
Reduce turbine downtime & increase AEP.

Pause turbine operation based on bat activity and parameters you set, minimizing curtailment costs while increasing Annual Energy Production (AEP) compared to blanket curtailment.

Manage the system remotely & securely.

A secure web browser interface permits authorized users to download recordings and activity summaries and remotely manage the system.

How It Works



SMART System Components

SMART Microphone



Weatherproof anodized aluminum housing with EMI shielding protects against the elements and static discharge, and an internal heating system eliminates condensation and icing of the ultrasonic sensors.

Two ultrasonic sensors provide redundancy for added reliability, and a built-in ultrasonic speaker tests and automatically selects the sensor with the best result.

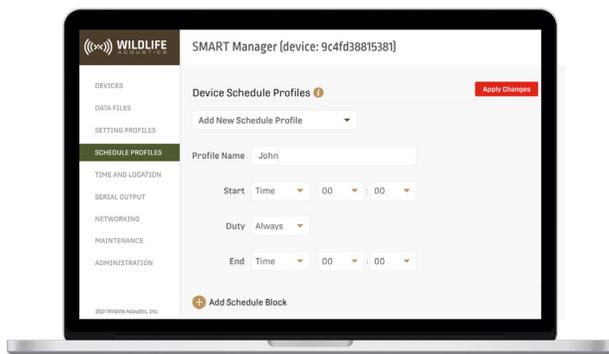
SMART Controller



Leverages Wildlife Acoustics' Kaleidoscope Pro sound analysis software to analyze and communicate about bat calls in real-time.

Connects via Wi-Fi or Ethernet and integrates with other third-party hardware and software solutions.

SMART Web Interface



A secure web browser interface permits authorized users to securely download recordings and activity summaries and remotely manage the system.

