



PLACE

**KRUGER NATIONAL
PARK, SOUTH AFRICA**

COVERAGE AREA

100 KM²

PRODUCT USED

**SHOTSPOTTER
RESPOND™**

WILDLIFE PROTECTION SUCCESS STORY

ShotSpotter Combats Rhino Poaching in South Africa's Kruger National Park

SITUATION

The use of guns to poach rhinos is a significant environmental concern in Africa where the horn of a single rhino can be worth hundreds of thousands of dollars. In the vast expanse of Kruger National Park, most poaching incidents go undetected with carcasses found days or weeks after the fact.

RESULTS

Since the introduction of ShotSpotter to detect, locate and alert park rangers to gunfire incidents in less than 60 seconds, there have been multiple poacher apprehensions within the coverage area. In 2018, ShotSpotter incrementally expanded to 100 square km inside the Intensified Protection Zone (IPZ) of Kruger National Park. IPZ is one of the world's major hotspots for rhino poaching.

60%

of the world's remaining
rhino live in the IPZ

58%

reduction in the number
of rhino killed in the
coverage area

50+%

interception rate
within the coverage
area

ShotSpotter was modified for use in the wilderness with sensors mounted on trees or masts and adapted to solar power. **The system** is helping park rangers respond with greater speed and accuracy to gunfire in Kruger National Park so they can take poaching teams out of circulation.

BENEFITS

ALWAYS-ON FORCE MULTIPLIER

Allows ranger teams to be exponentially more **effective covering extensive areas** with diverse terrain.

HIGH POACHER INTERCEPTION

Fast and accurate alerts increase ability to **arrive on the scene to apprehend suspects**.

POWERFUL DETERRENT FACTOR

Consistent monitoring and aggressive response **changes dynamic to high-risk operation**.



“ShotSpotter has allowed us to take back the night,” said Ken Maggs, Head Ranger of the Kruger National Park. “We now have an interception rate well above 50% within the coverage area, which means the poachers are literally flipping a coin when they come in.”

KEN MAGGS | Head Ranger of the Kruger National Park

GET IN TOUCH

If you would like to learn more about ShotSpotter, please visit us at www.shotspotter.com or write us at info@shotspotter.com

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