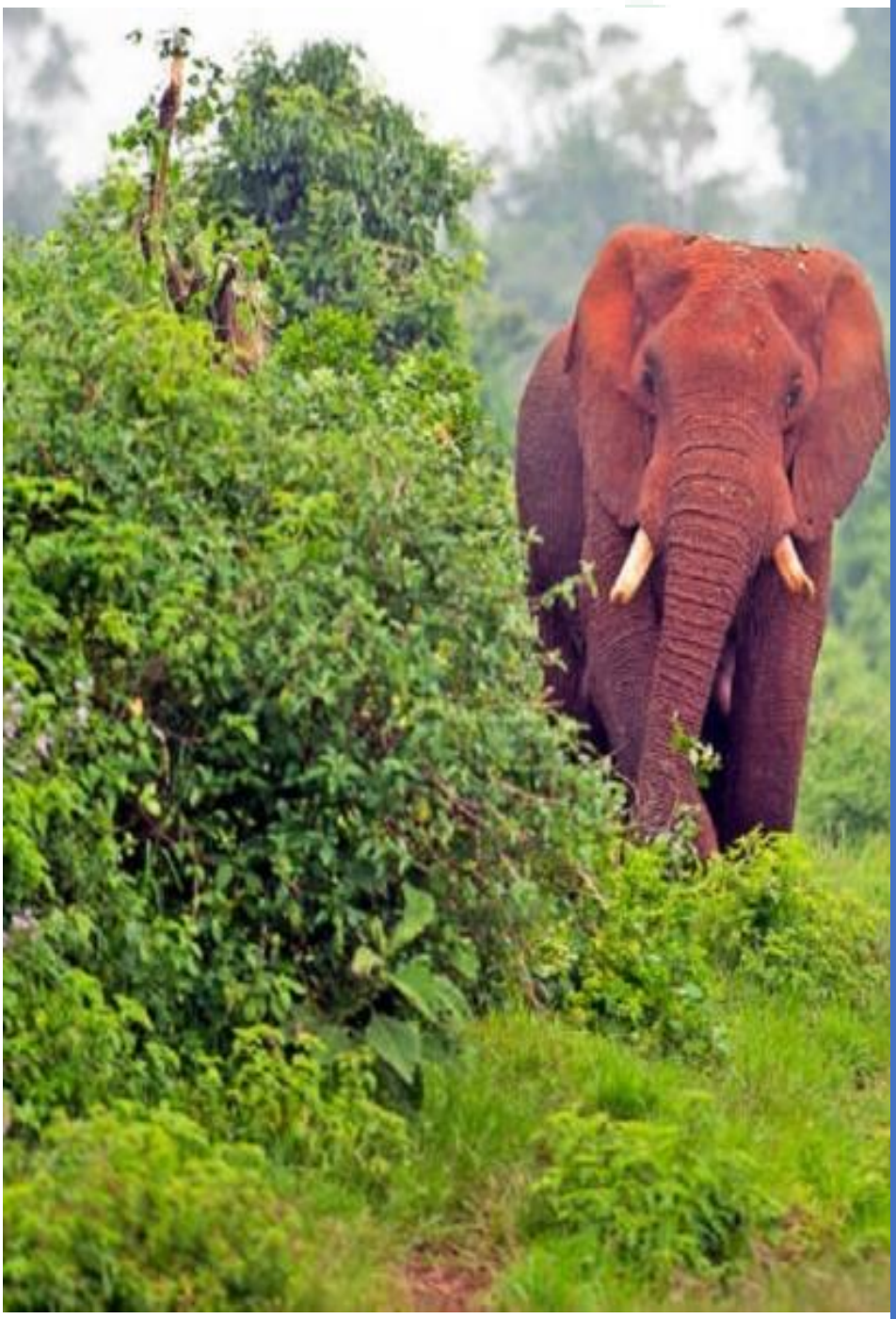
2022

TECHNOLOGY FOR WILDLIFE AFRICA ELEPHANT COLLAR



TECHNOLOGY FOR WILDLIFE AFRICA
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Specs:

Position acquisition: GPS for positions with user defined averaging function

Activity recording: 12-bit Tri-axis accelerometer.

Communications: Two-way communication via Iridium or GSM GSM

service providers Worldwide roaming with seamless transition between providers, inquire about roaming partners in your area Iridium links Worldwide coverage

Data Access Internet based downloading via the free accompanying Savannah Tracking data manager software. Automated Google Earth links for visualization.

Telemetry location: Two independent transmitters, one VHF and one UHF transmitter (user defined frequencies: VHF 140- 173 MHz. UHF 433 – 450 MHz)

Lifespan and Weight: Depending on Model @ 24 positions and 4 data reports per day the standard 4 Dcell Savannah Model (14 kg) = 8 years, the 2 Dcell Forest Model (8 kg) = 4 years

Geo-Fencing Fully user definable geo fencing allowing for point, line and polygon fences and automated SMS alarms in case of zone violation.

Mortality alarms Automated SMS alarms in case of ACC detected

mortality HEC system RF beacon for integration.

The Iridium and GSM version use an identical shared user interface with similar programming interface. GPS data recorded by similar GPS modules makes data fully comparable between the two reporting

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