The best solution for capturing field conservation data

SMART values

- Freely available and open source
- Responds to needs and feedback from front-line users
- Scalable and customizable to a wide variety of locations and contexts
- Accompanied by an extensive support and training network
- Commitment to long-term support through the SMART Partnership

What do I need to use SMART Mobile data collection?

SMART Mobile allows data to be easily collected in the field and rapidly transferred to your SMART database.

Requirements for using SMART Mobile are minimal:

- Computer (laptop or desktop) with Windows/Mac/Linux OS, with min 4GB RAM, 8GB or higher recommended
- Mobile device with either Android (4.4 or higher) or iOS
- SMART Mobile requires that the basic SMART desktop software (version 6.3 or higher) is installed and configured for your site(s) (see SMART: A Guide for Getting Started)

SMART Mobile can also be used with SMART Connect to allow wireless data transmission. Contact info@smartconservationtools.org for more information about how to configure SMART Connect.
Protected areas are at the frontline of efforts to protect species and habitats from poaching and other threats. To respond effectively, protected area staff need information on where threats are occurring and the capacity to address them quickly. Often, these solutions need to be implemented in remote places, with limited staffing and resources. SMART was developed to respond to these fundamental needs.

SMART Mobile—The best solution for capturing data in protected areas

With SMART now implemented in nearly 1,000 conservation areas worldwide, it has become the leading global solution for protected area management and conservation law enforcement. One of SMART’s greatest strengths is its mobile data collection capabilities, which allow staff to easily, accurately and quickly collect and upload data for analysis and action. Minimizing the time between when data are collected and when information can be acted upon allows for greater conservation effectiveness.

SMART Mobile takes advantage of technologies now readily available in smartphones (e.g., GPS, cameras, large multi-touch screens) to enable georeferenced field observations, photos and other data to be collected using a single device.

Data can be directly transferred into SMART via connection to a computer, or wirelessly via SMART Connect. SMART Mobile revolutionizes field data collection, by enhancing the tried and trusted power of CyberTracker with a new and streamlined data entry process, support for high resolution icons, touch/swipe controls, advanced mapping and navigation, native support for multiple languages, flexible changes to patrol metadata on the fly, real-time alerts, and many other new functions.

How can SMART Mobile help?

Quickly record georeferenced field data

- Standardize and streamline data capture workflows across your sites, eliminating the need for manual data entry or processing, or additional devices
- Generate a georeferenced database of field data
- Powered by CyberTracker, a proven, collaboratively-developed solution that has been deployed successfully in hundreds of sites globally for over 20 years

Validate field observations with photos and metadata

- Photos are extremely useful for documenting wildlife and for providing critical evidence of wildlife crime for law enforcement
- Capture photos of important observations in the field with location coordinates, timestamps, and other important metadata

Use with SMART Connect for real-time data submission and alerts

- SMART Connect is an online application that allows real-time data transfer to ‘connect’ rangers in the field to central command centers
- Develop, manage, and respond to real-time alerts to enable centralized data management and reporting for more effective and rapid operational responses

What is SMART?

SMART is a holistic protected area management platform, encompassing desktop, mobile, and online software, a powerful analysis and mapping interface designed for, and customizable by, local users, and cloud and Internet of Things (IoT) connectivity. SMART helps rangers and other staff document where their patrols go, what their patrols see, and how they respond.