

RDMS™

by GRT

Rapid Data Management System

Recommended Solution:
For Rapid Data Collection
and Real Time Analysis and
Collaboration

"With RDMS, the Maine Forest Rangers are able to electronically collect 36 distinct inspections, resulting in an enhanced Ranger productivity by over 50%. RDMS has truly revolutionized the way we do business."

Jeffrey Currier
Regional Forest Ranger Manger
Department of Conservation,
Maine Forest Service



SITUATION

- Many Forest Rangers currently employ **a paper-based data collection model** with manual data entry into backend systems for field service data collection activities, such as disaster management assessments, timber harvesting, water quality, wildland/urban interface inspections, road damage, federal excess property program inventory, fall foliage assessments.

- Data is handled at least twice (collection/ data entry) allowing for **transcription errors and inefficiencies in employee utilization**. Additionally, **capital costs are higher** due to excess field and depot inventory stocking.

- Because the process is manual, there is a **lag time between data collection and data visibility-preventing rapid and accurate response**, especially during emergencies.

SOLUTION

- GRT's RDMS solution supports **the collection and real time reporting of data** associated with Rangers in the field responding to emergencies or day-to-day assessments.

- The RDMS solution **improves productivity and accuracy of information** from the field as well as allowing for real time decision making by supervisory personnel.

- The RDMS solution is available 100% of the time using cellular data networks as well as integrated satellite communications during emergency and/or disaster situations and in disconnected environments.

- Each of the assessments collected via RDMS is saved with geo-location information providing: *visibility into geographic areas affected, severity of the issue, asset or assessment location, and the location of Forest Rangers and the paths they've travelled.*

VALUE

- Increases Ranger's productivity
- Increases operational efficiencies
- Creates strategic visibility and reporting
- Provides GIS capabilities
- Provides connectivity 24/7



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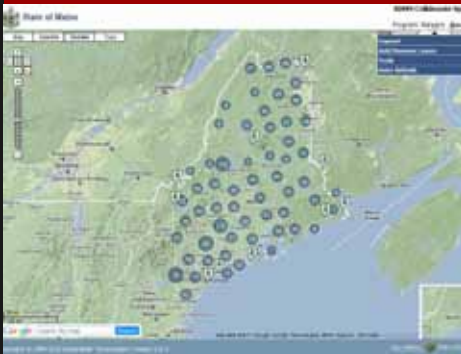
COLLECT-COMMUNICATE-COLLABORATE

RDMS by GRT is an innovative, patented business solution called Rapid Data Management System (RDMS).

RDMS is a unique solution that allows users to collect and instantaneously share data in real time, even in the most extreme environments.

RDMS assessments are collected with GPS coordinates and pictures that allow field workers to track their efforts within a greater geographical context in the form of GIS mapping, satellite imagery and image assessment, preventing redundancy in efforts, ensuring proper distribution of resources, while allowing for enhanced levels of data analysis.

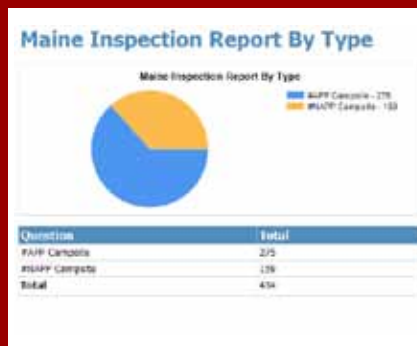
In addition to data collection and collaboration services, RDMS provides a 24/7 support team that is constantly monitoring collection efforts by field workers and working closely with management to tailor reporting and analysis to the Headquarters' specific needs.



▲ Map displaying statewide coverage of site inspection and complaint tracking form assessments.



▲ Example of a Forestry site inspection details displayed on a map.



◀ Report showing approved and not approved site inspections.