An Emergency Resource Sharing and Exchange System

Abstract

The present invention discloses an emergency resource sharing and exchange system, which includes functions of emergency resource query, data aggregation, data distribution, emergency resource storage and access, data conversion, task customization, monitoring and management of emergency sharing platforms, and statistical analysis of shared resources, and establishes an emergency resource sharing security mechanism. The shared emergency resources mainly include emergency materials, emergency reserves, emergency experts, guarantee teams, social resources, GIS resources, and emergency vehicles and so on. The present invention provides collection and centralized storage of emergency resource data of all departments based on big data technology, provides a unified external query interface by adopting SOA architecture to realize the unified management and sharing exchange of various emergency resources, which greatly improves the unified dispatch of emergency resources and the cooperative operation efficiency of emergency command by the emergency management department.

FIG. 2