



Preparing exposure data for import into catastrophe models is a vital but labor-intensive component of the aggregate management and risk modeling process. Poor data impacts modeled estimates and results in increased internal costs. To satisfy the industry need for a cost-effective solution to in-house data cleansing, RMS developed the RMS® Data Cleansing Service, a robust market standard for exposure data preparation.

## RMS® Data Cleansing Service

Exposure data preparation can consume up to 75% of an analyst's time, and poor data quality can significantly impact modeled estimates. Recognizing that the market lacked an efficient means of preparing data, the RMS® Data Cleansing Service was developed to provide an effective, high-quality solution based on best practices.

### THE RMS SOLUTION

The Data Cleansing Service provides a rigorous process for data formatting, cleansing, and geocoding enhancement, with a strong focus on quality — 99.7% of cleansed accounts are accepted by clients upon first submission. The processing team assigned to each client is structured in a production line to ensure detailed attention to each stage of the process. RMS' investment in efficient in-house tools for automation and workflow management is ably supported by a dedicated team of automation experts and software engineers.

The Data Cleansing Service frees clients from the execution-oriented aspects of using catastrophe models, allowing them to focus on advanced analysis, decision making, and business insights.

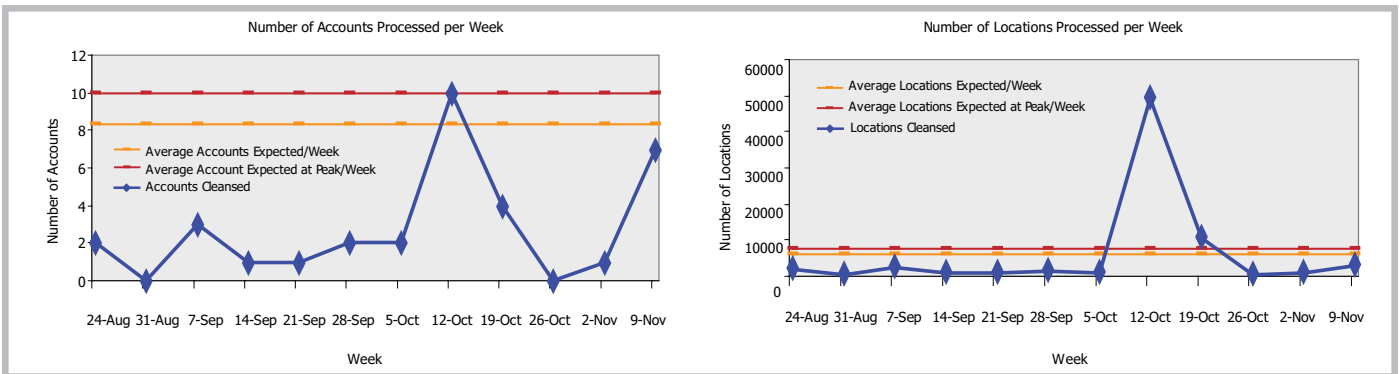
*"The RMS Data Cleansing Service has improved the quality of our underlying exposure data and our confidence in portfolio management. This reliable, transparent, and effective service fits with our strategy of pursuing profitable growth and improved client service."*

**Dane Douetil**  
CEO, Brit Insurance Holdings

### KEY BENEFITS OF THE RMS DATA CLEANSING SERVICE

- High-quality, auditable data
- Increased geocoding resolution
- Reduced uncertainty
- Improved analysis results
- Time savings of 50%–75% for analysts
- Seamless addition of a data cleansing team without recruitment or in-house training





Clients receive weekly status reports on data cleansing metrics

## THE DATA CLEANSING TEAM

The Data Cleansing Service team assigned to each client is structured into a highly specialized unit composed of data cleansing, geocoding, and quality assurance analysts. New entrants to the team undergo an expert-led training program, followed by assisted processing of schedules, before being assigned to client accounts. Quarterly training reviews are held for all analysts, and there is close coordination with the quality assurance team to identify focus areas for advanced training. To ensure effective communication, each client is assigned a project manager who acts as the single point of contact, managing day-to-day client communications as well as the weekly reporting of data cleansing metrics.

RMS operations in India have taken the lead in providing expandable data services and promoting best practices around data quality. The organization in India is assessed at CMMi level 5 and is ISO 9001:2000 certified, the highest quality standards for process performance.

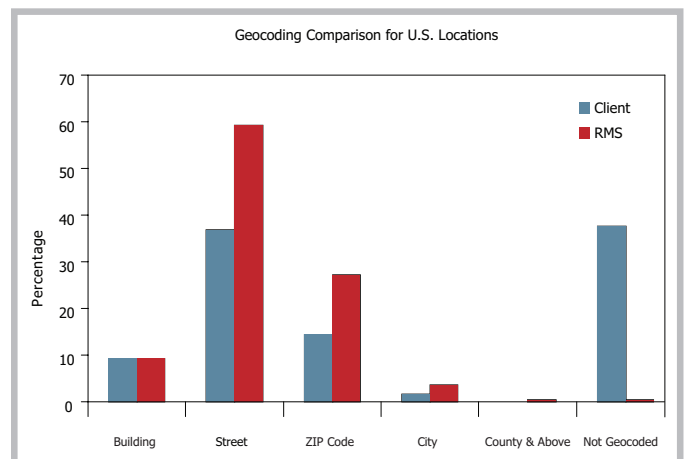
*"The RMS Data Cleansing Service does more than just provide an efficient and cost-effective way to prepare underwriting data. It ensures that the exposure management team spends its time adding value to underwriters and management — not tied up with the time-consuming tasks of cleaning schedules and recruiting staff."*

**Michael Pritchard**

Active Underwriter of Syndicate 318,  
MSF Pritchard/Beaufort Underwriting Agency

## SERVICE HIGHLIGHTS

- In operation since 2004
- Client base across all major markets
- Experience in direct and facultative, and binder location schedule processing for property, energy, and terrorism accounts
- Team of highly trained coding experts, quality assurance engineers, geocoding specialists, structural engineers, and automation experts
- High-quality results:
  - 99.7% of cleansed accounts accepted by clients upon first submission
  - Significantly improved geocoding resolution



Comparison of client data cleansed in-house versus RMS cleansed data for over 10 million U.S. locations

For more information about the RMS Data Cleansing Service, contact your RMS account manager or [info@rms.com](mailto:info@rms.com).

# Client Case Study: Brit Insurance

## THE CHALLENGE

To deliver superior shareholder returns by prioritizing profitability over premium growth, it was imperative for Brit Insurance to streamline and optimize its catastrophe modeling and data management processes. Brit needed to model a greater volume of business in a way that was fast, reliable, accurate, and did not divert scarce modeling resources from high-value analytical tasks.

## THE SOLUTION

Brit Insurance subscribed to the RMS Data Cleansing Service to refine aspects of its risk pricing, selection, and transfer decisions. Brit now uses the RMS Data Cleansing Service to process all accounts across its direct and facultative and binder books. With eighteen months of service and over 1.5 million cleansed locations, the Data Cleansing Service has afforded RMS the opportunity to create material value for Brit Insurance in four distinct ways.

### 1. IMPROVED RISK SELECTION

Since employing the Data Cleansing Service, Brit has seen a three-fold increase in the number of accounts it can model, providing underwriters with greater choice from which to select the risks that promise the highest return on equity.

### 2. REDUCED RISK UNCERTAINTY

The Data Cleansing Service has positively impacted data quality and significantly decreased the uncertainty surrounding modeled loss estimates. Results include a 25% increase in Brit's geocoding accuracy for high-value, catastrophe-exposed U.S. locations, which has allowed for more robust pricing and portfolio analysis. Increased data quality has benefited Brit throughout the organization, from underwriting and capital management to outward risk transfer decisions.

### 3. ENHANCED CUSTOMER SERVICE

The Data Cleansing Service's turnaround times and robust results have contributed significantly to Brit's ability to quickly provide accurate results to brokers, reinsurers, and insureds, improving response time and increasing levels of client satisfaction. Enhanced client service also benefits underwriting teams, allowing them greater capacity to process accounts during busy renewal periods.

### 4. INCREASED ANALYST PRODUCTIVITY

Prior to subscribing to the service, analysts in Brit's risk management function spent 70% more time scrubbing and preparing data to be modeled. They are now able to focus their attention and efforts on higher value analytical tasks. Moreover, in a market where experienced, highly skilled people are at a premium, offering roles that focus on more advanced catastrophe modeling functions provides Brit with a competitive advantage in attracting and retaining talent.



*"Our underwriters have been empowered to make better-informed selection and pricing decisions thanks to the higher number of accounts being analyzed. This service has quickly become a significant component of our technical pricing framework."*

**Baldeep Johal**  
Group Actuary,  
Brit Insurance

*"The quality, accuracy, and resolution of the data used within the catastrophe model are fundamental to the underwriting process. The RMS Data Cleansing Service plays an extremely significant role in strengthening our data resolution and pre-pricing analysis."*

**Tom Rowley**  
Property Underwriter,  
Brit Insurance