

Case Study 1: Data cleansing for importing UNICEDE/px format exposure data into the Baseline Risk Platform (BRP)

The Baseline Risk Platform (BRP) released this summer (2009) by the Baseline Management Company is the newest Cat model that is web-based and uses the industry standard UNICEDE/px exposure data format. Portfolio data from several insurers were cleansed and validated for import into the BRP platform.

Using a set of core parsing tools and algorithms, the UNICEDE/px files were checked for completeness and validity of records. The files were checked against over a hundred validation rules for filtering out and flagging suspicious records. In addition to the parsing tools, advanced geocoding tools were used to provide location information for portfolio points with missing latitude/longitude values. A final report was provided on the data errors identifying each record which had quality issues.

"Our partnership with ecityrisk/ ImageCat includes portfolio data preparation for our Insurance and Reinsurance clients and prospects who need assistance getting their data onto our web-based platform, the Baseline Risk Platform. Their detailed understanding on the UNICEDE/px format, our standard data format, catastrophe modeling and specifically the data characteristics of the Baseline US Earthquake and Hurricane models offers our clients a thorough data quality control service". Michael Minter SVP Baseline Management Company.