Spectrum Data Stewardship

A collaborative framework for effective information governance

Empower your business to decide

Data integrity is critical for every business process. Yet there are nuances to data quality. Many decisions require oversight and input by the owners of the information domain.

When you introduce human judgment into your information governance process, your business units can fully own their data assets. The Precisely Spectrum Enterprise Business Steward Module is a browser-based tool for manually reviewing exception records. Correct, approve and reincorporate exceptions into your data quality process for information integrity that your business can trust.

Improve data integrity to improve your business

Humanize the process

Data technology has reached unprecedented levels, yet there continue to be situations where human review remains essential. Data governance policies contain exceptions and special conditions that require additional oversight by decision-makers.

Control the flow

The Data Stewardship module lets you define rules to control and prioritize data that requires human review. Audit-related metadata is attached to every record to address security and compliance. Then, after manual correction and approval, these records are re-incorporated into your Spectrum Technology Platform data-quality process.

Simplify exceptions

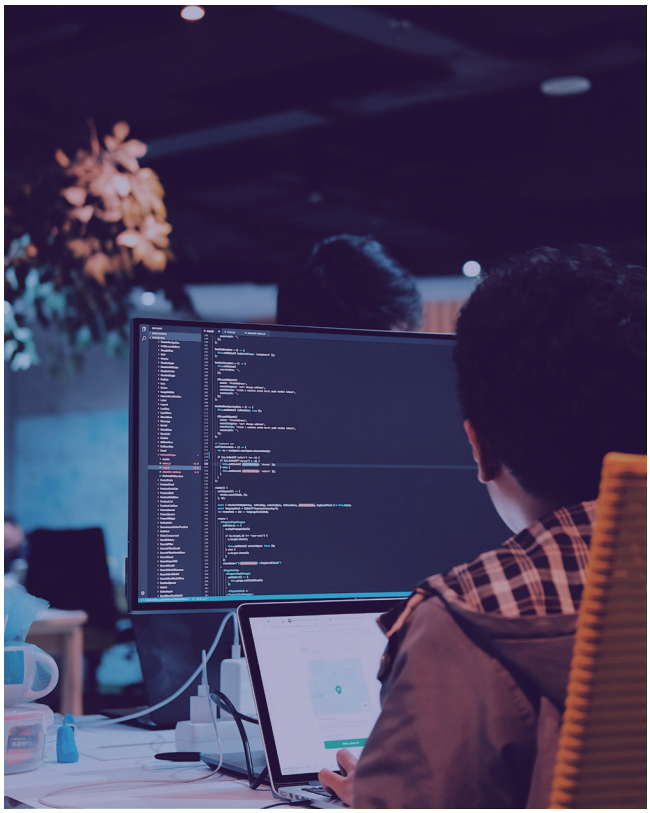
Typical human-review exception records include:

- Address verification failures
- Geocoding failures
- Low-confidence matches
- Merge/consolidation decisions
- Red flag conditions

Bring business and IT together

With a common language, platform and goals, you can instill an end-to-end approach to data management.

- Empower direct ownership and oversight over your data assets.
- "Close the loop" by integrating human decisions directly into the automation process.
- Combine machine learning and human expertise for better matching accuracy as Data Stewardship integrates with Smart Data Quality-enabling a continuous model training though an ongoing feedback loop for match rules to evolve based of the decisions made in Data Stewardship.



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Manage data exceptions with more powerful tools

Access advanced data-quality components

Exception monitor

- Evaluates records against a set of conditions to determine if they require a data steward's manual review

Write exceptions

- Writes the exception records to the exception repository for review by a data steward

Read exceptions

- Reads records from the exception repository into a dataflow
- Allows users to reprocess exception records already corrected by a data steward

Data Stewardship portal

- Displays a dashboard of summary statistics and charts on a browser-based tool
- Helps business users understand exceptions that occur in data
- Acts as an editor that permits users to modify exception records and approve them for re-processing

Take in a better view

Business users can view, comment, edit and approve records that require human review. They can also resolve and merge duplicates and utilize search tools to facilitate information governance. The process is further enhanced with access to value-added services from Experian®, Targus®, Microsoft® and other trusted sources.

Improve your vision

Key metrics are tagged with every exception, allowing the business user to get a high-level dashboard summary by domain, user and process. KPIs can be assigned for completeness, accuracy and uniqueness, or customized to monitor, track and capture specific business issues.

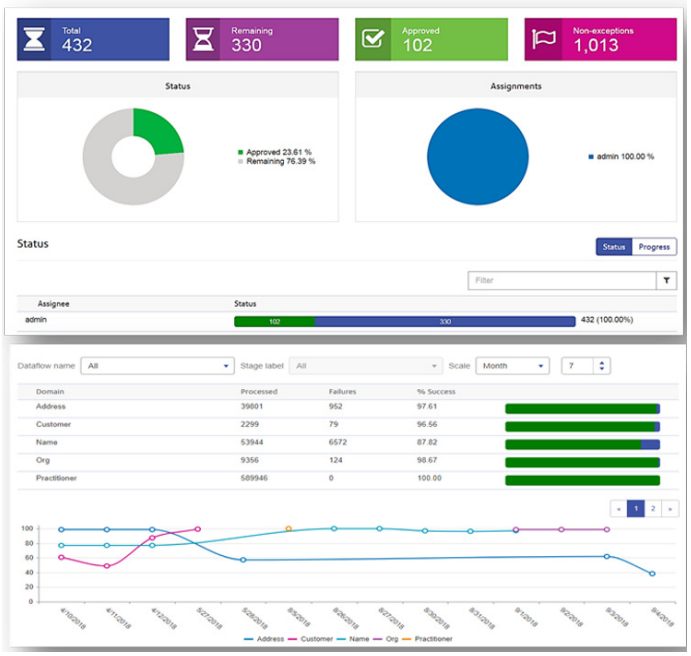
Set your sights on the big picture

An intuitive drag-and-drop interface edits exception records and marks records as duplicates. Modified records are highlighted in green before the change is saved, allowing an "undo" feature.

External tools gather additional information from trusted sources that assists the business steward in the information governance process. For example, a user can look up a person's phone number, find the location of a company's subsidiaries, and see the physical location of an address using Microsoft Bing® maps.

The Spectrum Technology Platform is a modular solution designed to help our clients manage customer data, understand customers and drive superior business outcomes.





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