

TS Insight

Data drives your business

Data drives strategic decision-making, business investment, customer revenue, and profit. The quality of that data directly impacts business results. How can you tell if your data is meeting quality and compliance standards and supporting your business processes?

With TS Insight, you gain visibility into the current state of the quality of your data so you can pinpoint source data problems quickly and efficiently. By providing an aggregated and summarized view of data accuracy and completeness, TS Insight lets you see to what degree data sources have data quality issues and which do not meet minimum corporate threshold and acceptability levels. In this way, TS Insight helps you forecast and allocate the right resources to improve and optimize business processes that effect data quality—you can quickly relate data quality issues to business impact.

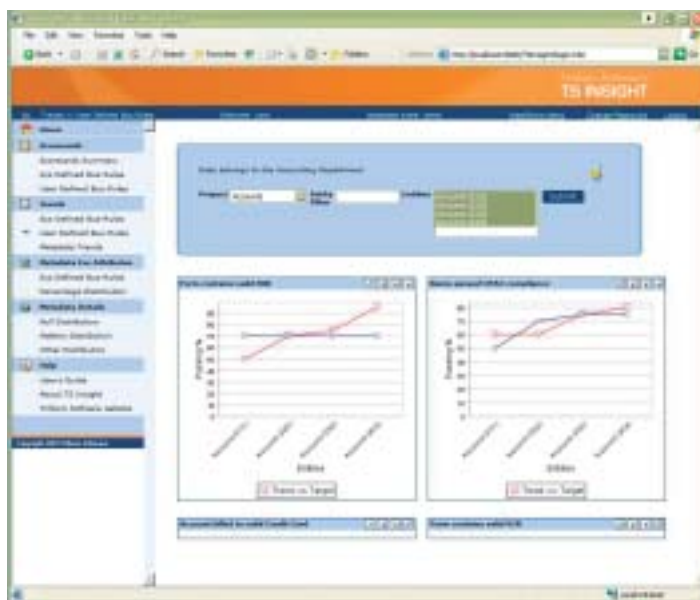
Relate quality issues to business impact.

- Assess data conformance of source systems, such as ordering, billing, and CRM applications, to corporate standards.
- Track conformance over time to understand its impact on enterprise decision-making and down-stream actions.
- Evaluate snapshots of current data quality against existing business requirements and implement course corrections.
- Compare third party data and apprehend unexpected changes to prevent havoc in operational systems

TS Insight is a web-based application that presents a data quality dashboard, complete with trending and scorecards.

Key Features

- Data quality dashboards
- Data compliance scorecards
- Trending
- Web-based reports of data quality metrics
- Global distribution with no added effort



Trending

Key features include:

Increased visibility – Gain instant visibility into the status of data quality with intuitive charts and graphs.

Data quality trending – Monitor data quality metrics over time across an unlimited number of sources with compelling graphical reports. Retain all related statistics for an unlimited duration.

Data quality scorecards – Set thresholds for data quality and monitor adherence to standards.

Familiar user experience – Eliminate learning curves and present information about data quality in a web browser. Anyone in your organization can see current status and data trends.

Customizable portal – Create a view for your highest priority data quality metrics, controlled by drop down menus and web forms.

Remote operations support – Use a browser-based approach to support national and international organizations without special software or training.

Automation – Automatically generate reports and keep them current. Trigger updates at specified time intervals or via new data inputs.

Lightweight footprint – Maintain data trends in a compact format keeping storage requirements low.

Who Uses TS Insight?

TS Insight gives all users: executive management, business analysts, engineers, and technologists insights into the level of quality and data compliance to corporate standards across varying systems and applications.

TS Insight presents summary data quality metrics in visually stunning, intuitive graphics so that resources such as:

- Data quality team members
- Business community stakeholders
- Management
- Data stewards
- Data governance committees

can monitor the status of data and understand how it impacts their enterprise goals.

Through a web browser, users track and visualize the status of data quality within the organization in an accurate and timely report. TS Insight provides a window into what corporate data assets really look like and delivers data metric results in a single consolidated view. Users see customizable high-level summaries and indicators for data quality within their web browser, freeing them from having to learn a new software or reporting package. Reports are configurable by business users and technical users alike. Users can customize dashboard views to focus on the graphs and metrics that they are most interested in monitoring closely.

Use TS Insight to:

- Monitor data against established metrics over time
- Demonstrate the positive impact of data quality process improvement
- Highlight problem areas that need to be addressed
- Build a tangible ROI for data quality investments

How it Works

TS Insight is a web server application accessed and administered via a web browser. Using summary information from pre-profiled data to create highly configurable graphical reports, TS Insight illustrates compliance levels with both out-of-the-box and user-defined business rules.



Tracking Business Rule Compliance

TS Insight also displays compliance results for any data-related business rule defined by a data quality steward. Users may set up business rules to check for irregularities or inaccuracies in any type of data and uncover problems such as:

- account numbers in the wrong format
- invalid tax identification numbers
- invalid VIN numbers
- security compliance name failures (OFAC, SDN, BOE, OSFI)
- products that fall outside of the accepted domain or range of valid codes
- illogical data value combinations embedded within multi-use fields
- fields reflecting values using different systems of measurement or currency

These rules, including the standard tests and the user-defined tests, can be tracked over time with the trending feature. TS Insight displays graphs that represent compliance with business rules over time compared to user-defined thresholds.

Each screen is highly customizable and allows the user to change the view of entities, attributes, and compliance tests displayed within each graphic or view. The user controls how many tests or checks are displayed for each attribute, as well as how many attributes to display. Users can modify the charts and graphs and save customizations for later viewing and can also set up a “Favorite Page” to be displayed first each time they log in.

TS Insight for Data Governance

Because TS Insight gives all users: technical staff, business analysts, and senior management, insights into the level of overall quality, it provides useful information to initiate discussions about data quality within cross-functional teams.

Trending: Track standard compliance rules and user-defined customized rules over time with TS Insight’s trending feature. TS Insight displays line graphs representing how compliance with business rules trend over time. Because storage requirements for trending information are minimal, they allow for long-term trend tracking.

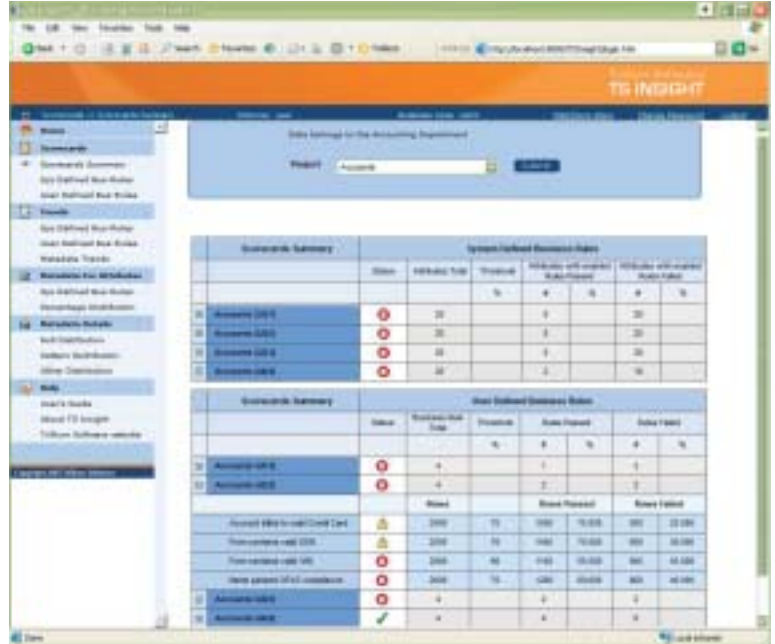
Standard TS Discovery Compliance Tests

- nulls
- patterns
- predominant data types
- ranges
- schema data types
- schema lengths
- uniqueness
- values
- spaces
- sums

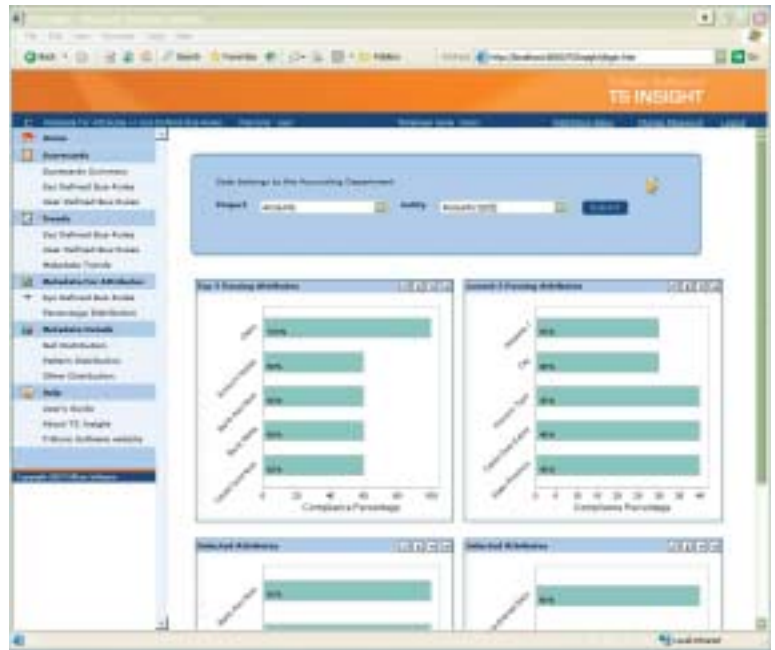
Dashboard Display: The data quality dashboard includes a scorecard summary page displaying a high level view of business rule compliance that allows the user to drill down to see specific details for entities and attributes. Stoplight visuals of green, yellow, and red with related symbols denote passing, warning, and failing (respectively). The at-a-glance view makes it easy to comprehend and scan for attributes that are out of compliance while in the summary page.

Customizable Workspace: Data governance team members can use the workspace customization features to create an environment that lets them focus their efforts on the areas of data compliance and governance that they are most interested in or are directly responsible for tracking.

Global Distribution: The TS Insight architecture makes it easier for distributed teams to collaborate. Users access the same information through their customized view via a web browser, eliminating the need for software to be installed and maintained on each individual's computer. Teams from around the world can all access up-to-date data quality information without software hassles or network concerns.



Data Quality Scorecards



Tracking Attributes That Are Most Compliant with Business Rules

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