Optimize Your Business by Optimizing the Performance of Your Data

The Trillium Software System® (TSS) is a consumable single solution for managing data quality; designed to be intuitive and easy-to-use for business and data professionals, yet powerful enough to handle the most challenging data quality issues. TSS executes on your data governance strategies.

Attain Data Certainty by Managing the Performance of Your Data

Using the Trillium Software System®, companies energize their business by optimizing and matching the performance of their data for just-in-time consumption.

An intuitive environment promotes easy navigation, making TSS ideal for business and IT collaboration. The Trillium Software System delivers an enterprise-class platform that supports extensive complex processing so business and IT teams discover, develop, deploy, and manage business rules and data quality processes that optimize enterprise information for the most business impact.

The Trillium Software System delivers global data quality for all types of data, handles massive data volumes, and integrates easily across any platform and application. Comprehensive data profiling, cleansing, standardization, matching, enrichment and monitoring enables organizations to govern international customer and business information in batch or real time.

Intuitive data quality methodology-driven user interface

Key Benefits

- **Business Impact:** Intuitive visualization of data conditions help data stewards tune and improve data to optimize business processes.

- **Data Certainty:** The business can be certain data is fit-for-purpose by adhering to data governance policies implemented directly by data stewards.

- **Unified User Interface:** Centrally discover, develop, deploy, and manage data quality policies and services to meet business needs enterprise-wide.

- **Business and IT Collaboration:** Simple single user interface allows the business and IT to collaborate in the management of data quality.

- **Faster Results:** Rapid deployment through the use of reusable business rules and processes that come with the TSS Library, online through Trillium Apps, or custom created by you.

- **Extensible Deployment**: Provide quality data wherever and whenever needed by the business through real-time and batch services for both your shared IT services and your specific business applications.

- **Cost and Risk Containment:** Reduce cost and project risk through robust easy-to-use profiling capabilities.

- **Multidomain Platform:** Limitless potential to address and resolve third-party, product, financial, and address data.

- **Multinational Platform:** Fully supports all character encoding, language nuances, standardization, matching, address verification, and enrichment for 230 countries.

- **Single Solution:** Data quality capabilities encapsulated in one platform.

Align Your Data to Business Needs

Translate business policies into quality services that align your data to business needs. Data Stewards now have even more control over how data is performing for the business by leveraging Trillium Software's methodology-driven technology for discovering data anomalies, developing quality rules to resolve issues, deploying quality services to support consumption of data, and accessing robust monitoring tools that manage and improve data conditions. Data Stewards and IT can work collaboratively to quickly and easily develop, deploy, and administer consistent quality services across the enterprise, regardless of data domain to support MDM, application, or data integration projects.

Link and Prioritize Data Quality Activities to Business Impact

Robust data profiling capabilities provide users a view of data conditions to help prioritize and focus on activities that have the most business impact. Comprehensive visual analysis delivers fast, simple, consumable results across data domains, formats, patterns, and relationships as they exist within operational systems and infrastructure supporting MDM, data integration, and enterprise application initiatives.

Users can easily determine how data conforms to specific business rules and defined data standards. Data stewards can remediate issues quickly and routinely assess data to ensure that high quality is always maintained by monitoring production systems for anomalies
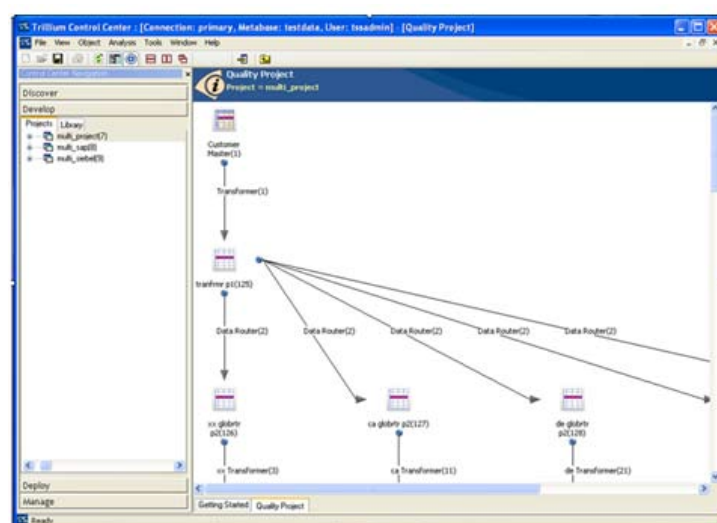
Profiling results easily transition into reusable, custom business rules that continuously monitor for data anomalies and resolve issues.

Visualize data conditions

Save Time and Enforce Enterprise-wide Data Certainty Through Re-usable Business Rules and Processes

Attain results faster through the development and reuse of business rules and processes. The Trillium Software System leverages vast expertise populating the Trillium Software library with reusable custom business rules and processes. Through the Trillium Apps online library, users are provided with tested and certified domain and vertical specific solutions to accelerate their data quality initiatives.

Create process flows using visual programming

Validate worldwide customer, supplier, and other data with proven country-specific business rules and identify complex relationships among records. World-class global capabilities and automated, rules-based intelligence gives organizations a simple but complete solution to handle massive volumes of data—out of the box.

A key feature of the Trillium Software System is the ability to extensively test the entire data quality process prior to production. This provides accuracy in development ensuring high quality data is deployed to the business.

Scalable Deployment for Just-in-Time Use

A rules-based data quality engine actively processes data to enforce established corporate standards. Deploy processes across all platforms and applications to ensure consistency and accuracy wherever business users require data certainty to meet their goals.

- Cleansing and matching support within MDM processing and data integration

- Validate, standardize, and match data at point-of-capture (real-time and batch processing)

Sophisticated business rule logic enables highly scalable decision point processing that routes data through the appropriate cleansing process or notifies Data Stewards of exception and violation conditions requiring remediation. This feature provides more flexibility to meet data requirements, either through data integration functions or maintain alignment with business processes and workflows.

A Platform for Data Governance – Manage Conditions Across the Data Life Cycle

The Trillium Software System fully supports a best-practices-based approach to data governance across data discovery, process development, and deployment and management phases to jumpstart data governance easily and extend practices across multiple domains for faster results.
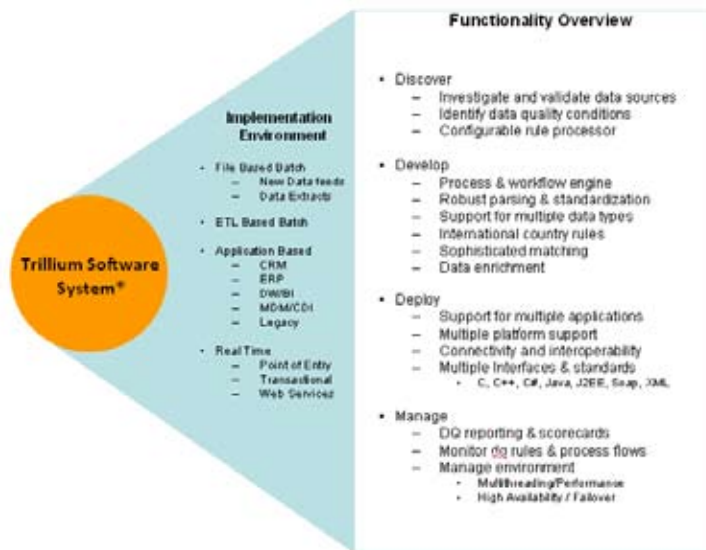
Monitor business rules and data quality metrics graphically through a customizable Data Quality Dashboard. Use scorecards and trending information, disseminated through a browser-based interface, to communicate data initiatives, results, and goals.

Users and lines of business can rate the perceived quality of data items and the business rules that apply to them to gauge the overall health of the data that feeds data quality metrics and key performance indicators.

By assigning a score that reflects the importance and accuracy of each data item and business rule, users glean an acute awareness of the reliability of information generated from metrics and models.

Display data quality metrics with scorecards and reports

Functionality Overview

- Discover
  - Investigate and validate data sources
  - Identify data quality conditions
  - Configurable rule processor
- Develop
  - Process & workflow engine
  - Robust parsing & standardization
  - Support for multiple data types
  - International country rules
  - Sophisticated matching
  - Data enrichment
- Deploy
  - Support for multiple applications
  - Multiple platform support
  - Connectivity and interoperability
  - Multiple Interfaces & standards
    - C, C++, C#, Java, J2EE, Soap, XML
- Manage
  - DQ reporting & scorecards
  - Monitor dq rules & process flows
  - Manage environment
    - Multithreading/Performance
    - High Availability / Failover

Enterprise Capabilities

- Integration with leading MDM, CRM, ERP, ETL, Web and enterprise applications

- Service Oriented Architecture (SOA) for enterprise-wide deployment

- Supports multiple data types, platforms and technologies

- Architecture for high real-time throughput, performance and scalability

- ActiveEnterprise™ Resources for integration and high-availability data quality across all applications

Features

- Full suite of data discovery, profiling, parsing, standardization, matching and monitoring functionality

- Enrichment capabilities for demographics, firma-graphics, and geocodes

- Comprehensive Library functions for reuse of rules, processes and workflows

- Methodology-driven GUI to accelerate data quality development

- Dynamic processing of complex, mixed-country data sets

- Multi-domain support for customer/party, product, assets, and financial data

- Support for all major languages and miltiple data in encodings, including ASCII, EBCDIC, and Unicode

- Local language GUI

- Jump-start wizards and templates

- Interactive summary views, charts and graphs

- API support for all major standards – C, C++, C#, Java, Soap, .NET, XML

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