Data sheet

pitney bowes

Customer Information Management
Data Management and Integration

Spectrum® Data Discovery Module

Unrivaled insight for data management

Greater scale demands a smarter tool.

Sophisticated data environments are constantly increasing in size and complexity. That said, most data discovery tools in use today fail on a large scale. They just can't master the thousands of database schemas, varied applications and user-interface components in a typical organization's data ecosystem. Without seamless, automated data discovery, your information is problematic even before it's integrated into your system.

The Pitney Bowes Spectrum Data Discovery Module gives you the insight you need before beginning your data integration, data quality, data governance and master data management projects. Now, scan data resources and get the clearest vision of your existing data assets.

Discover the best data.

Our Data Discovery module will help you:

- Eliminate time-wasting tasks typically performed by data analysts.
- Automatically scan and catalog your company's data assets.
- Build an integrated enterprise metadata repository.
- Tap into the power of your data enterprise-wide.

Find real-world value in hidden information.

Begin with greater insight.
Data Discovery scans your data resources to get a complete inventory of your data landscape. Now, you can easily access the insight you need before beginning your data integration, data quality, data governance and master data management projects.

Power up your profiling.
Our advanced data-profiling techniques scan structured data, unstructured data and semi-structured data. Your profile results then automatically catalog and document your data assets and create an integrated metadata repository.

Automate for maximum efficiency.
Our data-profiling algorithms help you automate up to 80 percent of source-data analysis tasks. By continually monitoring the data landscape, it reduces manual processes and quickly shares the most useful data across the enterprise data ecosystem.

Valuable data is everywhere. We'll help you find it.

Scan and inventory your data landscape.

Your organization is sitting on valuable resources: data with the power to improve customer relationships and drive business forward. Our Data Discovery module helps both business and technical users access data where it lives in new ways:

- Scan your structured, unstructured and semi-structured data environments across a variety of file types including Microsoft® Access, database fixed-length delimited, Excel, PDF, PPT, Plain Text, RTF, XSD and more.
- Create and populate a searchable metadata repository for business and technical users.
- Connect different structured databases across your enterprise.
- Create a comprehensive catalog of integrated enterprise metadata.

Bring together IT and business.

With a comprehensive understanding of your entire data landscape, your organization can use shared information management to become more agile. Eliminating poor upfront procedures with discovery, profiling and semantic-mapping is the best start. Our intuitive process and shared vocabulary make it easier to profit from your existing data assets.

Data Discovery at work.

A large international finance company struggled with data reliability. The company's architects and data stewards spent much of their time designing match rules for global matching requirements. Yet, the lack of profiling resulted in a date-of-birth field that contained 80% default values. Data Discovery's profiling tools fixed this issue and others, revealing greater details and guiding the company's governance and quality rule construction.

Profiling that matches your preferences

Discover and catalog metadata across your organization to build an integrated Enterprise Metadata Repository.

- Documented and undocumented ID columns, natural key columns, composite keys and multi-column IDs
- Documented, inferred and user-defined relationships
- Subtypes across the enterprise data landscape

Data Discovery supports the following file types:

Make data more accessible throughout your company:

- Flat file (.txt)
- EBCDIC file (.txt)
- SAS data file (.sas7bdat)
- Comma delimited (.csv and .txt)
- Pipe delimited (.txt)
- ab delimited (.tsv & .tab)
- XML

Pitney Bowes helps deliver accuracy and precision in the connected and borderless world of commerce. The Spectrum® Technology Platform is a modular solution designed to help our clients manage customer data, understand customers and drive superior business outcomes.
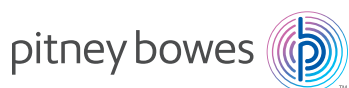
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