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Regulatory Reporting

Global regulatory reporting platform enabling "codeless" conversion from a standardized data schema to multiple regulatory formats

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Challenge

Over the last decade, financial regulators across the globe have been on an overdrive and have constantly been revamping the reporting requirements of their respective regulated entities.

Focus of reporting has shifted greatly from the traditional report template-based submissions to more granular data submissions. What this tells us is that regulators are looking at different ways to analyze data, by collecting information as chunks of data elements, rather than aggregate numbers.

Constant evolution and dynamism from regulators with shorter compliance mandates, has meant that regulated entities must constantly be on their toes to comply in an efficient, and more importantly, in an accurate manner. To successfully achieve all these, it is imperative that regulatory solutions need to be scalable, flexible with easy-to-use interfaces to help entities comply with the regulatory mandates.

Solution

Fintellix India Pvt Ltd has been designed to address the current and future regulatory reporting needs of financial institutions through an intuitive user interface and a pre-built scalable data model. The solution has been implemented successfully across 50+ financial institutions, where it has been pivotal in helping entities automate their regulatory submissions in a structured and predictable manner. The solution has a host of features that makes the entire process of regulatory report automation more efficient, accurate and value driven for the reporting entity.

Highlights

- **Pre-built data model**
  Pre-built logical data model covering all subject areas required for regulatory reporting.

- **Data lineage**
  Ability to drill-down from reported fields to underlying accounts for tracing errors and mismatches.

- **Data quality**
  Gainfull visibility and control over the quality of data and ensure data completeness and accuracy, through data validation rules.

- **Manage manual data**
  Manage and integrate data manually maintained in spreadsheets into the data ecosystem through file uploads or online data edits.

- **Multi-format reports**
  Ability to generate reports in multiple reporting formats—XLSX, CSV, XBRL, PDF, TXT, etc.

- **Workflow management**
  Review Process Flow (RPF) engine to easily create unlimited number of user-defined workflows with any number of approval levels.

- **Flexible deployment**
  Deployable on premise or on the cloud and can seamlessly integrate into the existing data ecosystem by operating on an existing or a new data warehouse/repository.

- **Audit trail**
  System generated audit reports and log files for audit trail.

- **Version control**
  Version controller for reporting forms with the ability to archive and access older versions.

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Fintellix Regulatory Solution is specifically designed on the following principles with the primary aim of helping regulated entities meet their regulatory reporting needs in an easy and a cost-efficient manner

Data granularity

- Data is sourced from upstream systems in as-is manner at the lowest granularity
- Scalable to different use cases
- Richer user experience
- Easily extensible to new regulatory changes

Pre-built RBI reporting taxonomy

- Solution comes embedded with pre-built reporting taxonomy
- Fast tracks the implementation
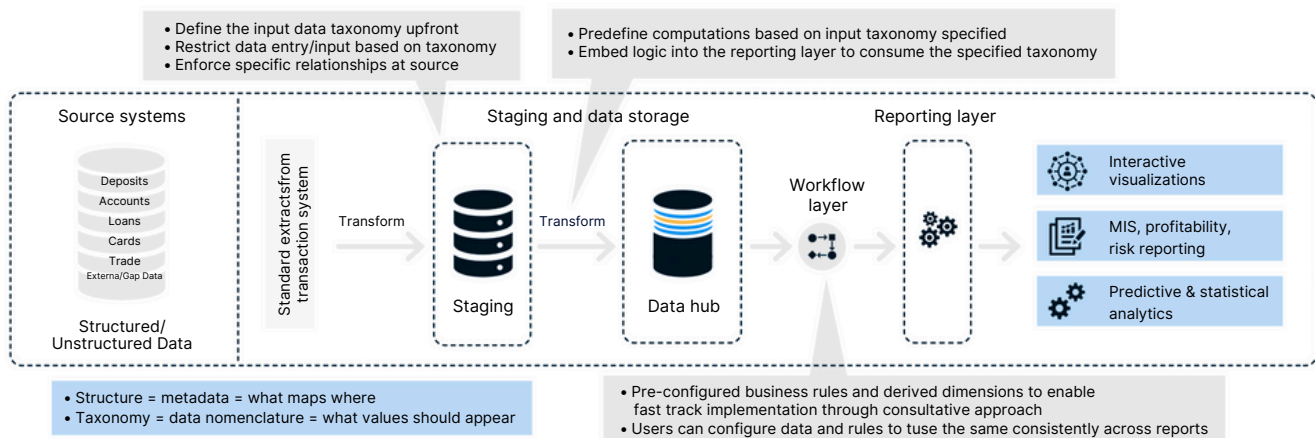- Standardized reporting across the organization

Configurable mapping interfaces

- Enables users to maintain any number of configurations as part of the solution metadata
- Empowers business users to manage configurations through a simple, easy-to-use GUI
- Reduced compliance timelines

Data flow architecture

Our approach involves Do-It All at the "Target – Data Layer" using configurable taxonomy.

- Define the input data taxonomy upfront
- Restrict data entry/input based on taxonomy
- Enforce specific relationships at source

- Predefine computations based on input taxonomy specified
- Embed logic into the reporting layer to consume the specified taxonomy

Source systems

Deposits
Accounts
Loans
Cards
Trade
Externa/Gap Data

Structured/Unstructured Data

Standard extracts from transaction system

Transform → Staging → Transform → Data hub → Workflow layer → Reporting layer

Staging and data storage

Reporting layer
- Interactive visualizations
- MIS, profitability, risk reporting
- Predictive & statistical analytics

- Structure = metadata = what maps where
- Taxonomy = data nomenclature = what values should appear

- Pre-configured business rules and derived dimensions to enable fast track implementation through consultative approach
- Users can configure data and rules to tuse the same consistently across reports

Fintellix Regulatory Reporting Solution is an integrated and scalable enterprise data management infrastructure which can plug into multiple data sources and can perform a variety of additional downstream functions such as risk management and business analytics. The same solution can also be adapted to cater multiple regulatory guidelines across geographies without significant changes to underlying data structures and features.

Visit **fintellix.com** or reach out at **info@fintellix.com**

About Fintellix India Pvt Ltd.

Fintellix is operating in the intersection of regulators and regulated entities by providing cutting edge risk, regulatory, supervisory and data analytics solutions.

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