

Business Rules Extraction Offering for Insurers

Insurance



Insurance companies embark on transformation programs to provide enhanced customer experience, improve customer service and reduce costs. An impediment to most of these transformation programs is the presence of legacy applications. These legacy applications have core business processes and business rules that define unique way in which an insurance company does business. The business rules are often undocumented and need to be implemented in the future transformation programs such that the uniqueness of doing business is preserved. Ensuring the success of this transformation requires insurers to capture the organizations' business processes, business rules, and legal compliance rules - accurately and holistically.

Tata Consultancy Services' (TCS') Business Rules Extraction offering helps address these concerns by extracting intellectual business processes and rules from packages or legacy software. TCS' systematic and methodical Business Rules extraction approach enables organizations in their journey towards large transformation programs. Our methodology, processes, and tools are enriched by our experience in rule extraction for various large transformation programs.

Overview

Due to the sheer size and complexity of legacy applications, it is often difficult to separate or extract the business and non-business related rules that drive the insurance business. Lack of system documentation and unavailability of experts serve as major roadblocks in most insurers' transformation journey.

TCS' offering provides a structured approach to Business Rule Extraction in order to isolate the rules that are directly related to business processes. Further, the extracted rules help jumpstart transformation programs.

Our Business Rules Extraction methodology involves identifying the complete inventory of components, extracting technical conditions from source code and translating them into business terms. The translated business rules are further classified and rationalized based on the source system. Our methodology is supported by TCS' mature tools and enablers, developed based on our past experiences and inhouse expertise.

Benefits

With TCS' Business Rules Extraction offering, you derive-



Business benefits:

- Reduce expert dependency in the transformation journey
- Reduce effort in verification and validation of business functionality in the target system
- Jumpstart your transformation program
- Reduce the time and effort for identifying requirements for the target system.
- Ensure faster roll-out of new products to market

Our Solution

Our offering helps in identifying and extracting business logic embedded in legacy code, leveraging tools to expedite the extraction. TCS offers the following Next Generation Rules Extraction services:

Product Rules: Analysis, development and externalization services for product specification, in line with target insurance product model

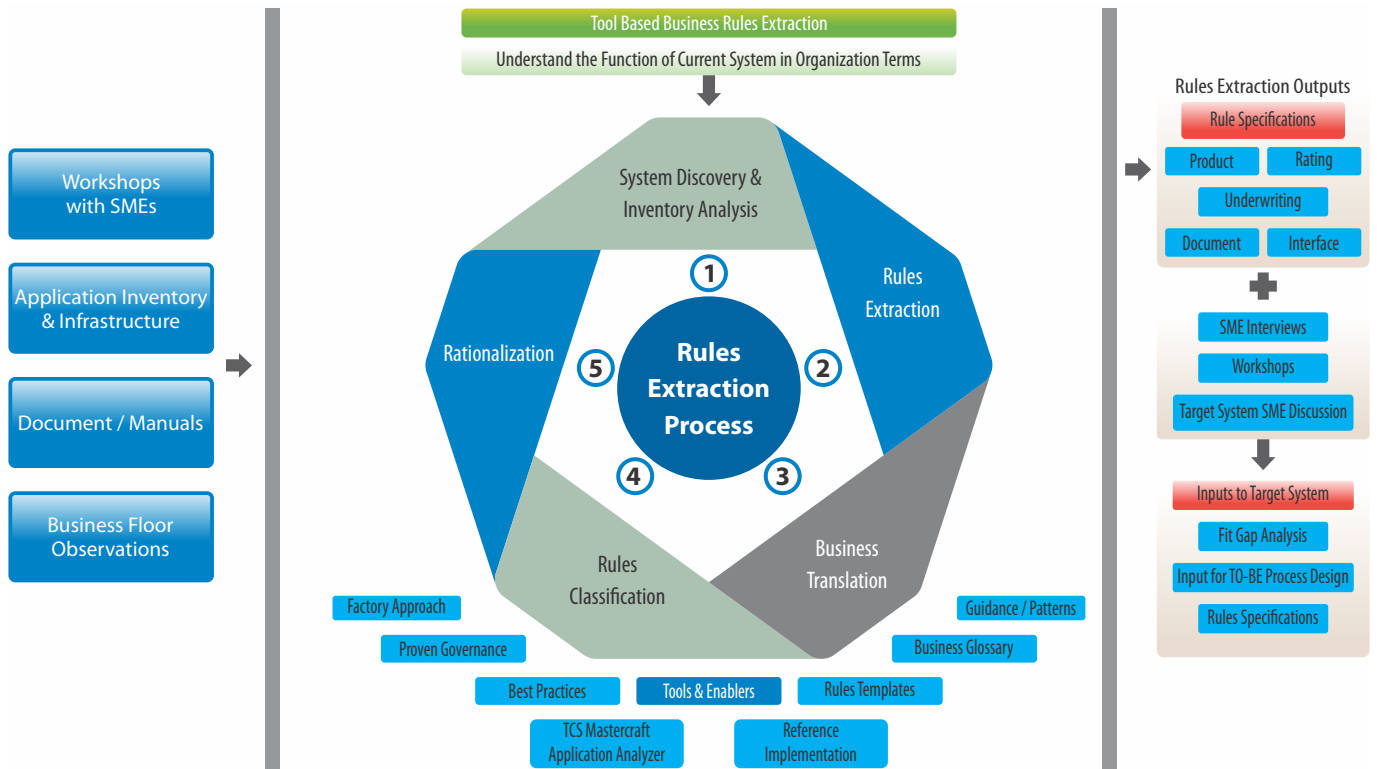
Underwriting Rules: Implementation of electronic underwriting and straight through processing to reduce underwriting process time

Document Rules: Extraction of rules from nonintegrated, disparate content sources and identification of rationalization opportunities for efficient form designing

Process Rules: Capturing of business process rules in various templates after extraction from legacy systems, based on business process types and subtypes

Interface Rules: Transitioning from traditional data storage and retrieval approaches to building smart systems for quick turnaround, ease of use, and reduced maintenance cost

TCS Business Rules Extraction Framework



The TCS Advantage

With over two decades of experience in extracting business processes and business rules from 50 million lines of code, TCS brings a holistic portfolio of rules extraction services offering, backed by the right people, processes, and automation. Our domain expertise, supplemented by the automation capabilities of TCS MasterCraft™ Application Analyzer, has

provided insurers with a holistic view of their existing business processes and rules. Leading insurers across the globe have utilized our rules extraction services, to accelerate their transformation initiatives, thereby reducing implementation timelines, cost and improving quality.



Technology benefits:

- Accelerate success with factory based execution
- Helps to prepare Specification document for the target system
- Reduce the design effort for the Legacy Modernization program
- Improve software quality and reduce redundancies and rework with Business Rules Extraction

Awards & Recognition



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