

# CM evolveIT Business Rules Extraction

## Leveraging the Legacy Investment for Business Rules

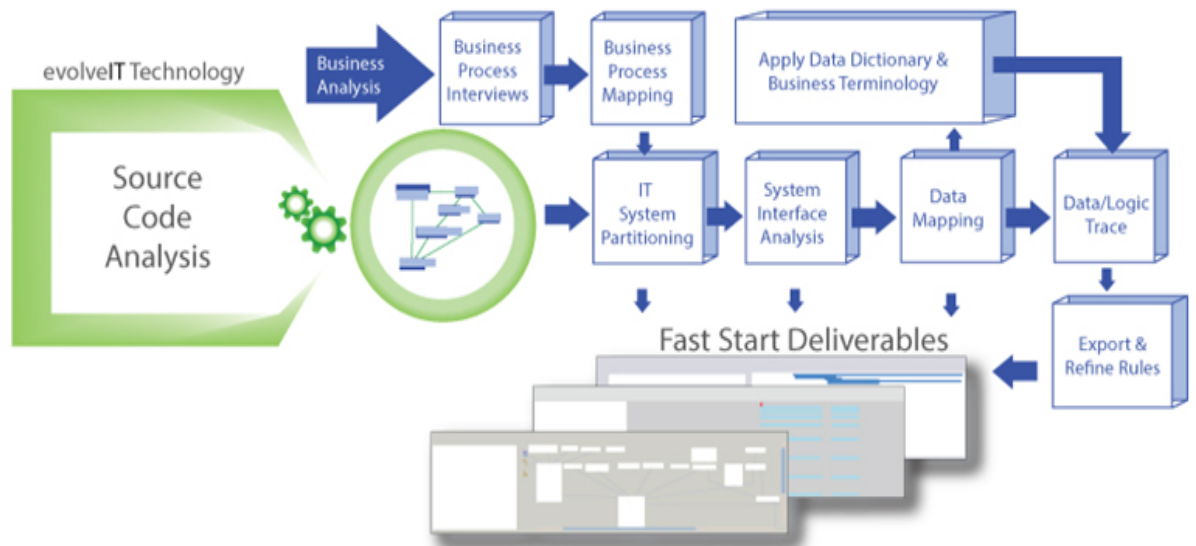
Legacy applications embody decades of unique and valuable business rules captured in the source code of the application. Unfortunately, finding business rules in the source code is a costly endeavor as analysts must sort through millions of lines to isolate the few key artifacts of programming logic and data transformations that make up a specific rule.

## Automating the Extraction Process

CM First's unique evolveIT technology automates the identification of the specific source code paths that are relevant to the business while filtering out the non-essential information. Esoteric COBOL data names are substituted with business terminology so the isolated business rules in the code can be read by business analysts and users.

## Benefits

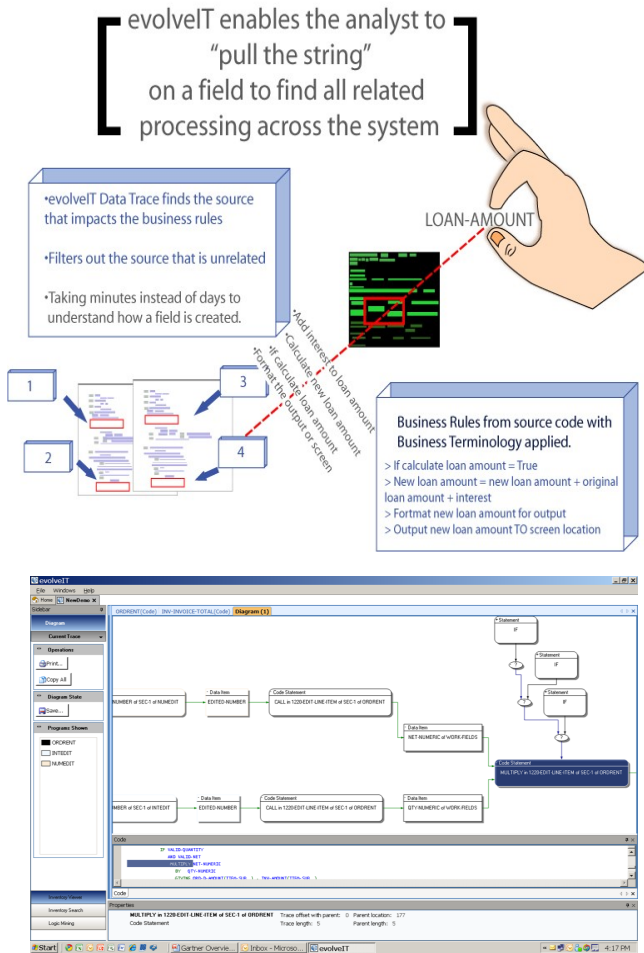
- Builds a business vocabulary.
- Finds unknown rules implemented within the application code.
- Rules export feature speeds up documentation process for building new requirements modernization.
- Reduces risk with phased approach to modernization.
- Filter non-relevant processing through the rules extraction process.
- 100% accurate based on current system.
- Improves communications between IT and Business Analysts for as is process.
- Enhances new system object oriented design by isolating data objects and potential methods for new design.



## The CM evolveIT Approach

CM evolveIT enables analysts to find the business rules enforced by the application code. There is rarely a direct relationship between a rule stated in business terms and any specific pieces of code, that is why CM evolveIT does not claim to find rules automatically, instead CM evolveIT will guide the analysts through finding, interpreting, describing and modeling the abstracted business rules so that they can be used in any environment.

Why sort through millions of lines of code? CM evolveIT identifies the specific paths that are relevant while filtering out the old architecture and non-essential technology code. CM evolveIT helps you produce re-usable rules with real business meaning from your existing systems.



## The CM First Methodology

- Model the current application filtering out dead and obsolete processes.
- Partition the system
- Prioritize the business processes to be researched
- Map system interfaces to business process
- Extract business rule ribbons
- Export and Refine Business Rules

## Capturing Rules from Code

CM evolveIT's objective is to build a set of rules so IT and Users can be confident they understand how the rules are implemented in existing Legacy environment. CM evolveIT finds all possible logic and data paths leading to specific business outcomes. Once captured, the Rules can be exported and loaded in a business rules engine, used as the specification for a rewrite or gap analysis for package implementation, redeployed as part of a services oriented architecture, or used to direct your Business Process Management system.