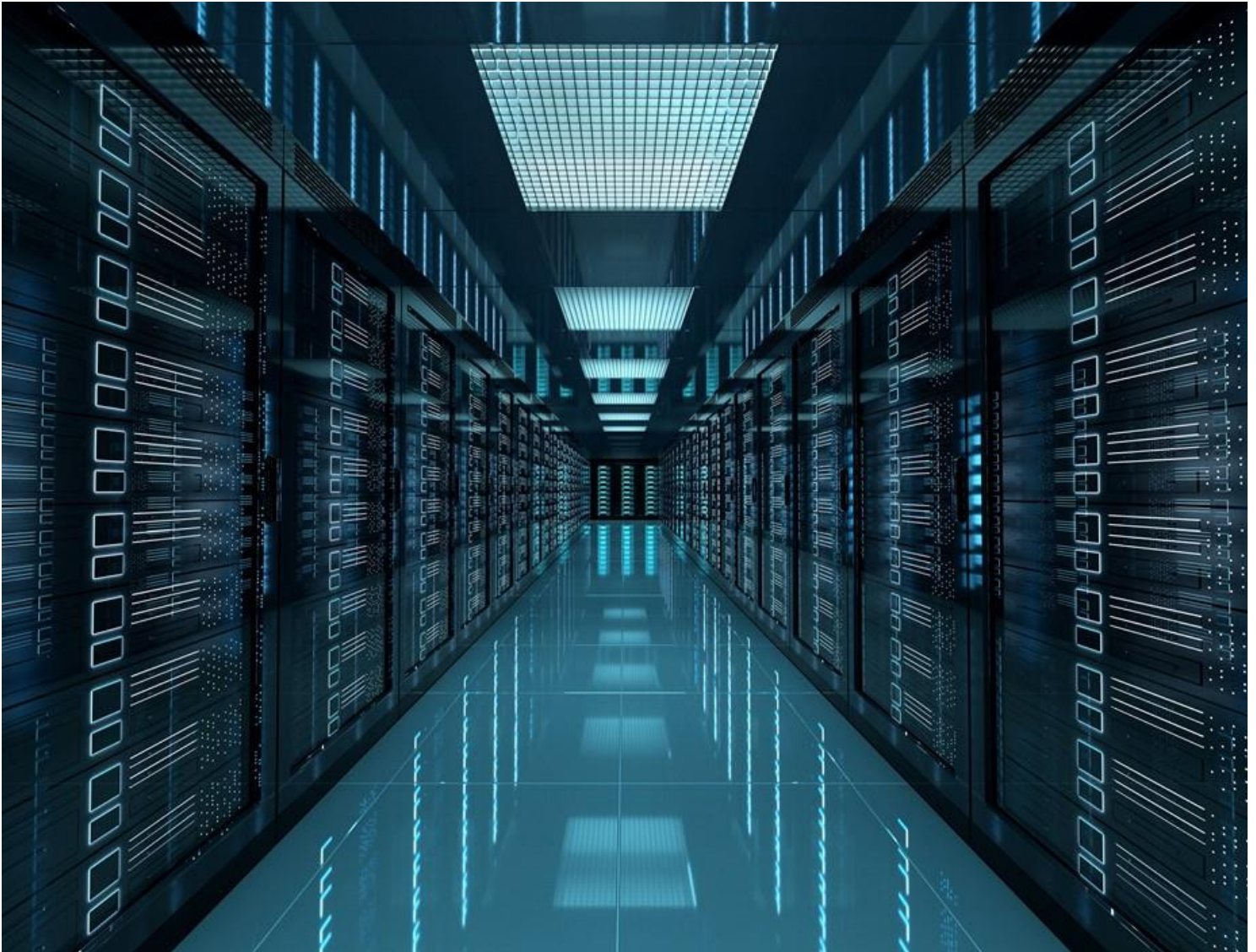


# Decipher and Modernize Legacy Applications using **TCS MasterCraft™ TransformPlus – Reverse Engineering Edition**



Amidst rapidly growing global business requirements, customers demand a better experience lent by latest technologies such as cloud, mobile, social media integration and analytics. Enterprises using legacy systems face multiple challenges. To modernize their legacy systems, enterprises look for a solution that can aid them with automated and seamless transformation, digitization and web enablement as well as information and data standardization.

TCS MasterCraft™ TransformPlus (Reverse Engineering Edition) is a cognitive code analysis product that helps plan, strategize and execute the modernization of legacy applications. It extracts business rules from legacy applications and translates them to formal language, which in-turn enables the modernization of the legacy applications to new technologies.

## Overview

Successful modernization of legacy application includes optimal planning and seamless execution of strategies, so that the various risks involved are overcome. Organization intend to modernize their legacy applications in order to

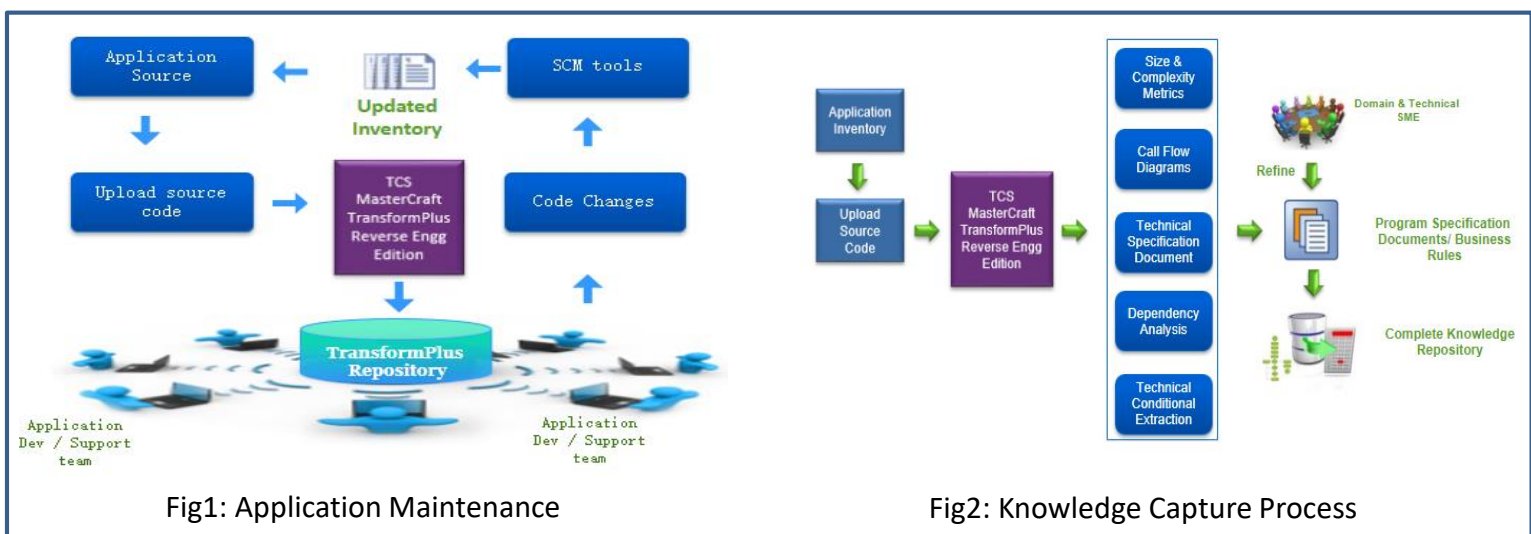
- Improve application performance
- Improve business agility
- Interact with applications built on newer technologies
- Reduce complexity and the cost of running and maintaining the applications

TCS MasterCraft™ TransformPlus enables the users to understand the existing application, helps migrate to a latest technology and provides valuable insights. It analyzes the existing application cognitively and builds a complete knowledge repository with valuable information such as entry points for the application, transactional flows from each entry point, dependency charts, impact reports and so on. Users can extract business rules from the application and present them in a user-readable format that can be used as inputs for the application modernization.

## Key Features

TransformPlus optimizes modernization with -

- **Application Insight:** Identify the complexities of the application, down to the components level and devise strategies to migrate the application to different/ new technologies
- **Knowledge Management:** Identify entry points of the application, tracking its transactional flow from each entry point and graphically representing them with the conditions/ operations of the application, after understanding the functionality or logic of each module of the application
- **Business Rule Extraction:** Extract business rules/ requirements from the application and convert the source code into a formal language for planning a modernization initiative
- **Documentation:** Create technical documentation of the application. Auto translation (using translation engine) and population of technical details extracted from the application code enable conversion of code syntax to formal language format.



## Benefits of TCS MasterCraft™

The major benefits of TCS MasterCraft TransformPlus include:

- **Continuous Engagement** - With the users during and post application modernization
- **Customized Reports** - Provides metadata over the captured information, making the reports more personalized and useful
- **Evolving Knowledge Repository** - Has built-in parsers evolved over the years by working with multiple applications and enabled the faster growth of the knowledge repository, irrespective of the application size
- **Multiple Technology Support** - for COBOL, RPG, Java, Visual Basic and so on, from different platforms like Mainframe, AS400, Open System etc.

## TCS Advantages

Partner with TCS to leverage the following key differentiators:

- **A robust network** – TCS provides a wide range of integrated modules, spanning global cloud leaders such as AWS for enhanced flexibility
- **TCS Experience** – TCS embodies decades of experience in successful and mature application modernization methodology.
- **TCS' Best Practices and Methodologies** that have been packaged and deployed for various customers, enabling them to modernize applications, minimizing business risks.
- **R&D Credentials** – TCS enables access to its Innovation labs, which have years of dedicated experience in application maintenance, upgradation and consolidation scenarios.

## Awards & Recognition

---



### To know more

Visit the MasterCraft™ page on [tcs.com](http://tcs.com)  
Email: [MasterCraft.Sales@tcs.com](mailto:MasterCraft.Sales@tcs.com)

### About Tata Consultancy Services Ltd (TCS)

Tata Consultancy Services is an IT services, consulting and business solutions organization that delivers real results to global business, ensuring a level of certainty no other firm can match. TCS offers a consulting-led, integrated portfolio of IT and IT-enabled, infrastructure, engineering TM and assurance services. This is delivered through its unique Global Network Delivery Model, recognized as the benchmark of excellence in software development. A part of the Tata Group, India's largest industrial conglomerate, TCS has a global footprint and is listed on the National Stock Exchange and Bombay Stock Exchange in India.

For more information, visit us at [www.tcs.com](http://www.tcs.com)

[IT Services](#)

[Business Solutions](#)

[Consulting](#)