



Mindtree
Welcome to possible

Mindtree mainframe tools

Mindtree Mainframe Center of Excellence (CoE) focuses on the development of cutting edge mainframe tools. Some of the drivers for the selection, design and implementation of tools in Mindtree have been:

- Productivity monitoring and enhancements
- Quality control
- Cost and schedule adherence

Mindtree has rich experience in building a variety of industry standard tools and in-house developed tools. These tools ensure greater efficiencies and consistency in the outputs.

Industry standard tools

- Micro Focus Modernization Workbench (formerly Relativity Modernization Workbench (RMW))
- Revolve
- Clarity migration products
- Micro Focus Migration Toolkit
- Open PL/I
- IBM TX-Series
- IBM Host Access Transformation Services (HATS)

In-house tools

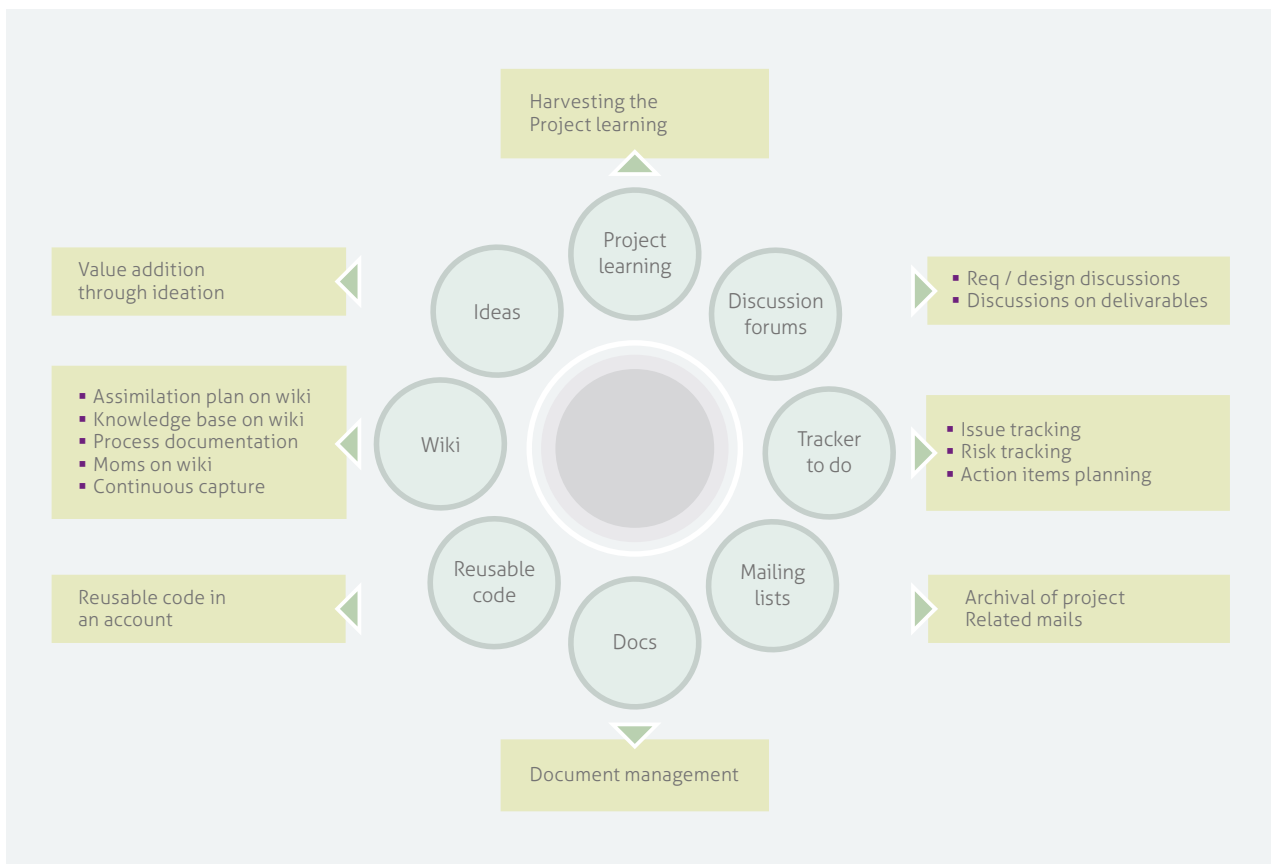
	In-house conversion tools	Input	Output
Database	IMS to RDBMS	IMS segments	DDLs for RDBMS
	IDMS to RDBMS	IDMS schema	DDLs for RDBMS
	ADABAS to RDBMS	ADABAS DDM	DDLs for RDBMS
	DB2 to Oracle	DDLs for DB2, DB2 SQL's	DDLs for Oracle, Oracle SQL's
Language	Q to COBOL	Q program	Equivalent COBOL program
	NATURAL to COBOL	Natural program	Equivalent COBOL program
	VAG to COBOL	Original VAG ESF files	Equivalent COBOL program
	COBOL upgrader	COBOL dialect (COBOL 85, Enterprise COBOL, MF-COBOL etc.)	Latest COBOL dialect COBOL II etc.)
	PL/I to enterprise PL/I	Original PL/I program	Enterprise PL/I program

Platform	Hitachi, Natural Online maps to BMS screen	Source file of online screen	BMS program for IBM CICS
	Non-IBM to IBM JCL	Non-IBM JCL	Equivalent IBM JCL
Others	Mass changer	Look-up file, original programs	Modified programs
	Assembler reengineering tool	Assembler load module	Assembler source code
	Inventory analysis tool	Job schedule information	Consolidated report of batch inventory of an application

Knowledge management tools proficiency

Project space for document management and collaboration:

This is a web based, access controlled, collaborative document management platform. It facilitates collaboration, knowledge creation and sharing information. This ensures increased productivity within teams and software reuse within an account.



Tools for process documentation:

Mindtree uses Micro Focus Modernization Workbench as a documentation tool. The tool helps in quicker knowledge acquisition, faster documentation and provides an efficient way to analyze production issues in lesser time. These features enable the support teams to be productive from the day one of moving into steady state. The tool provides features which can be used both during discovery/KT phase and during steady state phase.

Tool usage across the project life cycle:

Here is the snapshot of the tool utilized to capture statistical and summary report around the managed maintenance of the Mainframe application portfolios.

Some of the tool generated reports are:

- Inventory report - Gives high level statistics for source file type
- CRUD report - Shows the data operations that a program performs (Insert, Read, Update and Delete) and the data objects on which the program operates (Files, tables, etc.)
- Complexity metrics report – To compare raw complexity values for objects in the project
- Un-referred report – Identifies unreferenced application elements
- Unresolved report – Identifies missing application elements
- Cross reference report – Identifies all application references

About Mindtree

Mindtree is a global information technology solutions company with revenues of over USD 400 million. Our team of 11,000 experts engineer meaningful technology solutions to help businesses and societies flourish. We enable our customers achieve competitive advantage through flexible and global delivery models, agile methodologies and expert frameworks.