

Mainframe Modernization dispositions suitable for different kinds of workloads



Renew

(Modernize on Mainframe)

- Reuse / Renew Legacy assets
- API Enablement, Data access , AI on mainframe
- MIPS Optimization



Re-engineer

(Green Field Development)

- Cloud native solutions
- API / Micro services



Rehost

(Using Emulation software)

- 40 to 70% TCO reduction
- Lift & Shift approach



Refactor

(Automated Code Translation)

- PaaS solution
- Quicker Mainframe Exit



Replace

(Migrate to COTS product)

- SaaS solution
- Integrate with existing products

Leverage legacy apps and extend value of existing investments

Biz Critical & High Change & dependent Apps

End of Life Applications work well enough with low cost of ownership

Less Critical & Low Change & less dependent Apps

Apps identified for Business Transformation

iLEAD-Infosys Mainframe Modernization Platform

Brings down the
system
appreciation cost
by up to **40%**
Improvement in
employee
productivity by **30
to 50 %**

Provides comprehensive analysis of mainframe inventory for modernization planning, optimization, business rule extraction, reference architectures, and automated migration.

ANALYSIS



- Active-inactive inventory
- Interface Analysis
- Inter Capability and Intra Capability Dependencies
- CRUD matrix
- Data Lineage
- SMF Log Analysis

RULES EXTRACTION (iBREX)



- Pseudo Code Generation
- Gen AI Powered Rule Extraction
- Supervised Training dataset to finetune Gen AI
- Auto rule classification
- Program Flow
- Data Mapping

REHOSTING



- Identify Rehost Compatibility
- Auto Build to Micro Focus
- Auto migration of files to target environment
- Identify Anti Patterns
- DB2 to SQL Server Migration