

HCL

Mainframe migration



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Introduction

The AWS mainframe modernization is complex, expensive, and intrusive, but it doesn't have to be that way. Based on decades of experience in managing and running mainframe services and modernization programs, HCL has crafted specific solutions and platforms. We help our customers realize the ROI of mainframe modernization solutions, identify the relevant systems to modernize and enhance the value of the assets by making them available for consumption via APIs. This builds better experiences, an automated way to gain functional and technical understanding of the mainframe system, and automation to transpile mainframe codebases to cloud-native platforms and architectures. HCL can help manage this entire modernization journey with a robust organizational change management practice.

HCL is an official launch partner for Mainframe Modernization Competency for AWS.

HCL has also been rated a market leader by leading analysts, such as Gartner, Forrester, Everest, and ISG in Mainframe Modernization Services & Solutions.

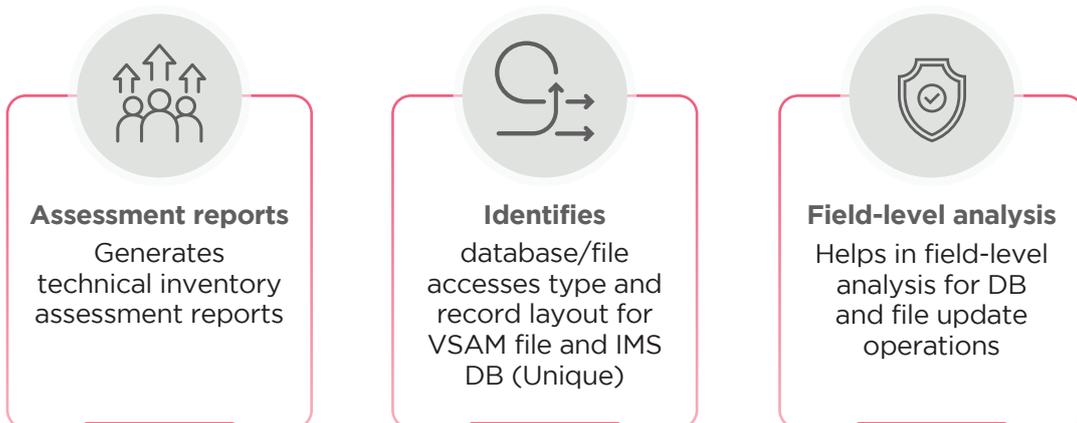
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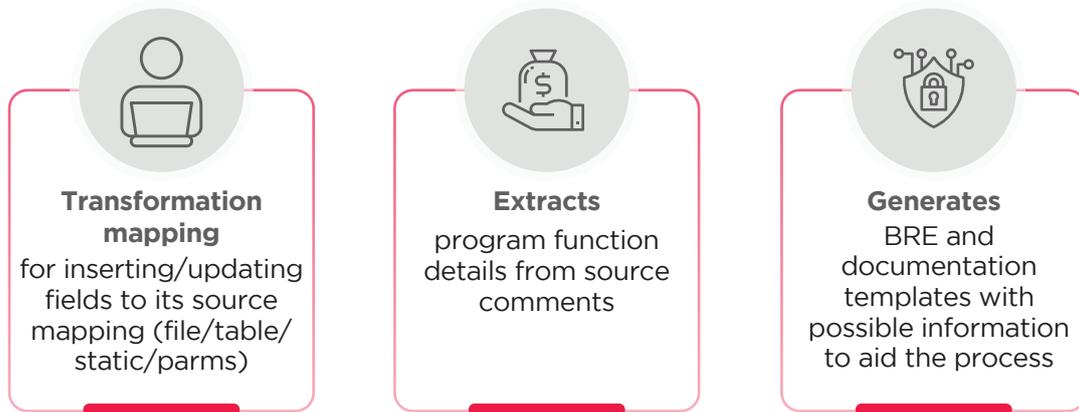
Our solutions

A. iLITDC

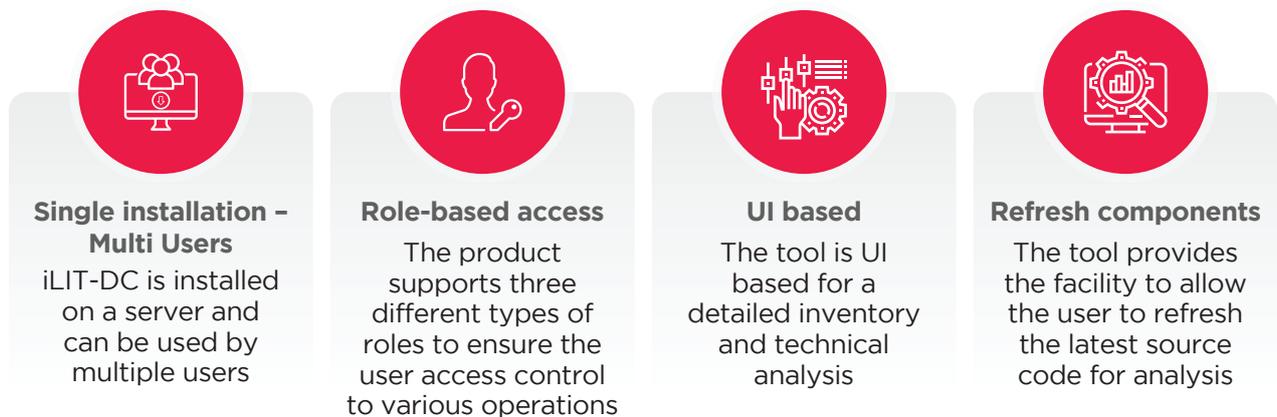
This helps in performing analysis on a given inventory of mainframe application source components and aids in drawing in-place or out of the mainframe modernization strategy. It is designed to support COBOL, PL/1, NATURAL, DB2, VSAM, IMS, CICS, and more components and provides a workspace-based environment to manage the inventory.

Features





Benefits



B. ATMA

Our home-grown solution, called ‘automated technology modernization accelerator (ATMA)’, helps to accelerate the modernization of your mainframe applications to modern architecture and platforms. ATMA supports the modernization of multiple legacy technologies such as Cobol, Classic ASP, Natural, JCL, ASP .Net, Lansa, HPS, to name a few.

Features



Architectural transformation: Transforms monolithic and client server architecture to multi-tier, modular architecture



UI/UX: Facilitates user experience transformation and digitalization



Delivery automation: Promotes a high degree of automation at each step of transformation for legacy application modernization



Customizable: ATMA is extendible to support the modernization of more legacy platforms and customizable to adapt to customers’ technology blueprints



Cloud migration: ATMA helps enable cloud migration

Benefits



Flexible and scalable

Multi-tier architecture on a modern platform; scalable, extendable, and offers high performance



Low cost

30 -60% savings in cost and time for modernization compared to re-engineering



Hardware costs

40-70% reduction in hardware and licensing costs



Low risk

Low dependency on technical and functional SMEs



Improved user experience

No need for retraining of business users

C. ADvantage suite

Solution 3.1: ADvantage Code

ADvantage Code is a platform designed to accelerate cloud-native application development. This platform follows 'model-driven development', supports Open API specifications, and auto-generates code, DevOps pipelines. It also bootstraps all the surrounding capabilities such as logging, monitoring, security, API gateways, and so on. ADvantage Code can be used to accelerate the process of rewriting or rebuilding existing mainframe applications.

Features



Model-driven development:

Supports MDD that ensures models created in the design phase can be leveraged to auto-generate the code



Rapid-agile development:

While generating the code, ensure that appropriate branching strategy and user roles are applied in SCM for feature-based development



DevSecOps:

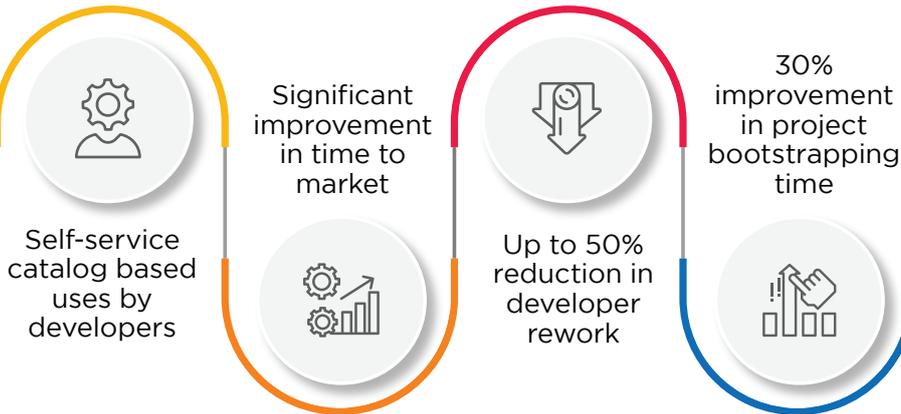
Helps set up the corresponding DevOps pipelines with security practices in-built in them



Infra-as-code:

Supports infra-as-code to ensure that the infra for a service can be recreated in a reliable and consistent way

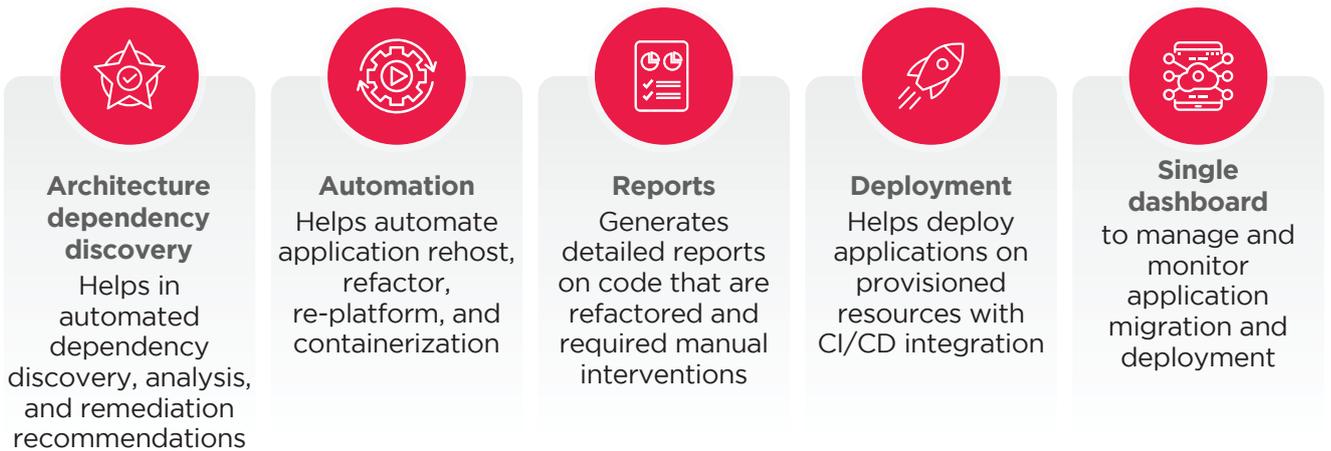
Benefits



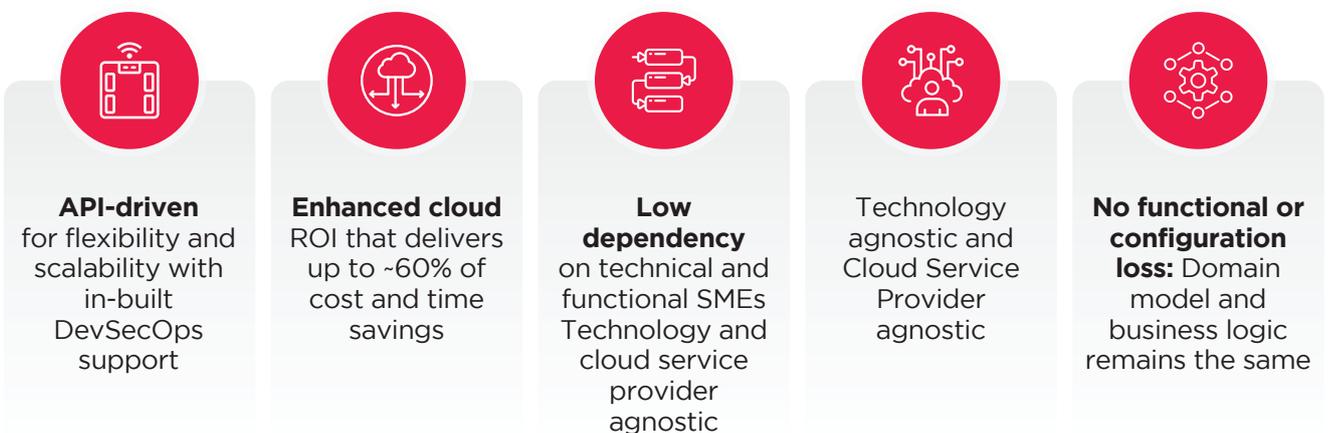
Solution 3.2: ADvantage Cloud

HCL's platform for automated mass application migration to cloud. It caters to automated rehost, refactor, and re-platform treatments. ADvantage Cloud accelerates modernization and migration of a mainframe application to cloud-native architecture and containers.

Features



Benefits

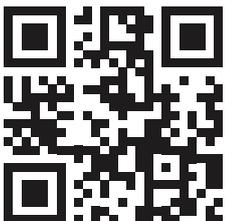




HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on September 30, 2021, HCL has a consolidated revenue of US\$ 10.82 billion and its 187,634 ideapreneurs operate out of 50 countries. For more information, visit www.hcltech.com



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