

# Automated Technology Modernization Accelerator (ATMA)

# Introduction

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Application modernization needn't be complex, costly or disruptive. Drawing from extensive experience in application services and modernization programs, HCLTech offers solutions and platforms. These aid customers in realizing the ROI of modernization by identifying relevant systems, enhancing asset value through API accessibility, automating understanding and transpilation of legacy codebases to cloud-native platforms, and managing the modernization journey with a robust organizational change management practice. HCLTech's expertise in AWS cloud migration further accelerates adoption for AWS customers.

Here is one of our many flagship solutions that aids in

# Application modernization initiatives:

## Solution 1:

# ATMA

Our home-grown solution called "ATMA (Automated Technology Modernization Accelerator)", helps to accelerate modernization of mainframe applications to modern architecture and platforms and enabling deployment to AWS cloud. ATMA supports modernization of multiple legacy technologies like COBOL, Natural, PL/I, JCL, RPG, Accent-R, Visual Basic, Classic ASP, VB.Net, ASP.Net, PowerBuilder, TIBCO BW and TIBCO BW CE to name a few. ATMA is also listed on AWS Solution library portal.

## Features:

ATMA is capable of modernizing legacy applications to run on modern technology platforms such as Java or .NET through automated code conversion. ATMA not only translates the code but transforms the application to adopt to modern architecture & technology frameworks. It helps to accelerate various phases of application modernization projects thus reducing human effort required.

### Architectural Transformation



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

### UI/UX



Facilitates user experience transformation and digitalization

### Delivery Automation



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

### Customizable



ATMA is extendible to support modernization of more legacy platforms and customizable to adopt to customers' technology blueprints

### AWS Cloud Migration



ATMA helps enablement of AWS cloud migration

## Benefits:

ATMA is flexible and scalable, low cost and low risk and delivers significant savings. Below are few Business Benefits that ATMA provides:



### Flexible & Scalable

Multi-tier architecture on **modern platform, scalable, extendible** and **high performing**



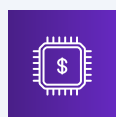
### Low Cost

**40-60% savings** in **cost** and **time** for modernization compared to re-engineering



### Low Risk

**Low dependency** on technical and functional SMEs



### Hardware Costs

**40-70% reduction** in **hardware & licensing costs**



### Improved user experience

**No retraining** of business users needed



# Customer References

01.

For a leading Insurance provider in Europe, HCLTech performed modernization of core PA systems and several other satellite systems built on legacy Visual Basic resulted in improved user experience, time to market, multi-tier architecture being extendable, scalable, and maintainable.

02.

For a Major America-Based Social Care Provider, HCLTech provided Modernization of 20-year-old Mainframe based legacy child support system resulted in modernized User interface to improve user Usability & Accessibility, transformed business process, enhanced maintainability and with 50% reduction in modernization efforts and duration.

03.

For a Major America based Non-Profit Health Insurance Provider, HCLTech provided Modernization of 20-year-old Mainframe-based claims adjudication system, which resulted in modernized Batch Jobs & User Interface running on Azure Spring Apps with improved management of jobs and Usability and enhanced maintainability using modern DevOps process on Azure DevOps, with 50% reduction in modernization efforts and duration.

The solution is listed on AWS Solution Consulting Offer and is available for customers globally.  
To learn more [Click here](#)

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