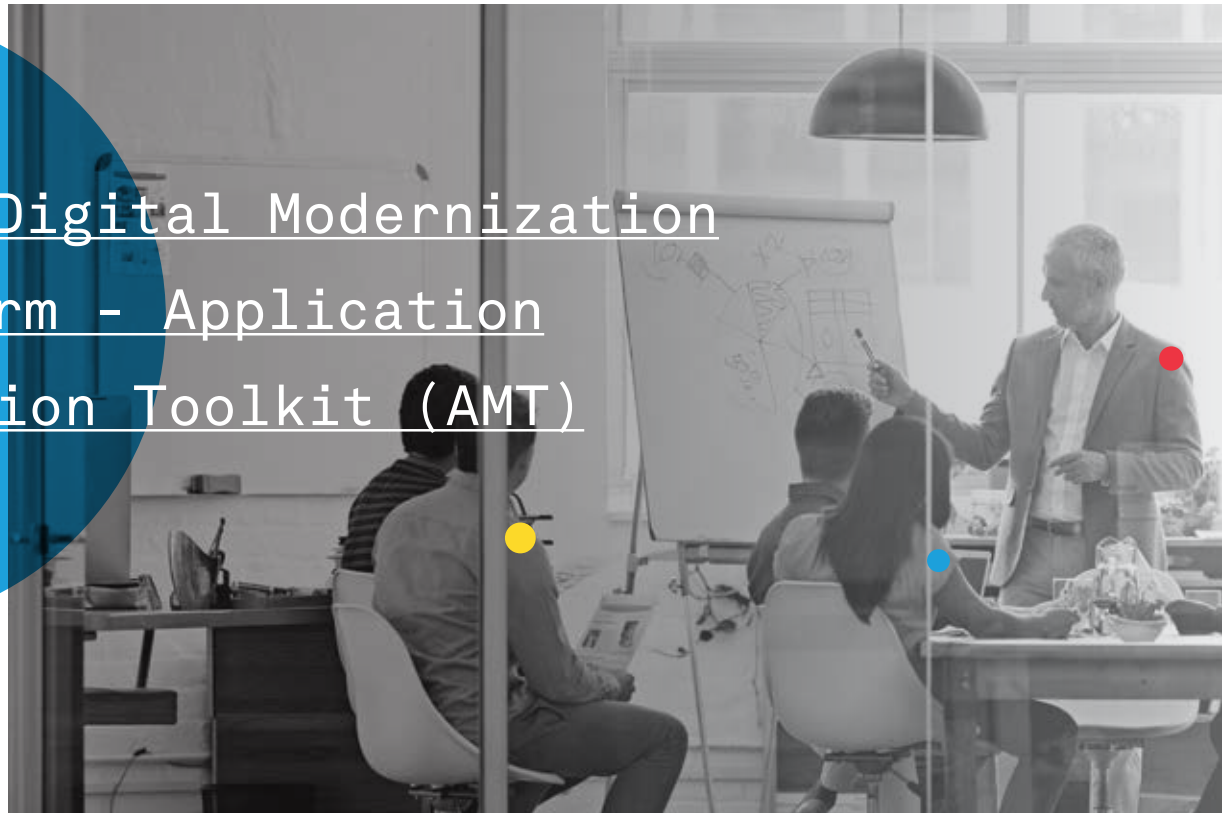# Wipro Digital Modernization Platform - Application Migration Toolkit (AMT)

Wipro Digital Modernization Platform AMT helps in accelerating the overall migration process for bespoke Java applications running on legacy framework/servers to newer frameworks/servers, through automated profiling and remediation. It also ensures applications migration from on-prem to public/private cloud environments (Lift & Shift / Cloud-native) with/without PaaS layers like Openshift .

Faster and reliable migration addressing application compliance

Accelerates and automates migration with reduced risk

Lowers security vulnerabilities

Addresses end of life application estate
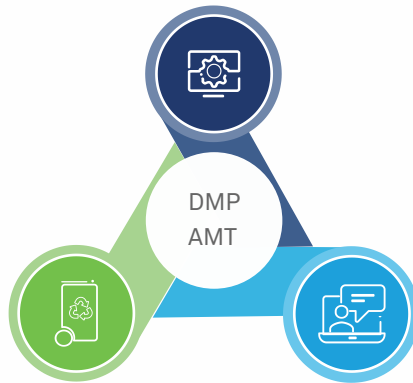
Ensures application compliance

Enables Cloud and digital readiness

Effortless migration for efficiency and cost benefits

Solution overview

Application migration

- A platform for pattern based profiling and remediation
- Rich set of existing rules
- Option for customizing rules
- Avenue to writing new rules for profiling and remediation

DMP AMT

Application profiling

- Rules based detailed application profiling
- Design recommendation
- Migration planning

Application remediation

- Server migration
- Application migration
- Framework migration
- Continuous integration

Key benefits

- **Lower migration costs** – Migration automation results in substantial reduction in effort and time leading to significant cost savings

- **Reduced migration risk** – No impact on the business logic embedded in the existing application

- **Faster time-to-market** – Automation of the analysis and code modification ensures minimum downtime during migration. Significant turnaround time compared to manual re-engineering or re-development (up to 25% efforts saving)

- **Reliable and assured migration** – Migration automation ensures elimination of human errors typical of any manual software re-engineering process

Solution features

Application Server Migration – Upgrade/migrate to cross server platforms

- Easy profiling, pre-configured rules for faster refactoring, and XML based rules for customization

Technology Component Migration

- JDK version upgrade and component upgrade within applications, like EJB upgrade

Web Framework Migration

- Struts framework upgrade and relevant code and configuration files upgrade

Accelerated Internationalization

- Profiling and remediation of UI layer code for parameterized internationalization and resource bundle creation

Cloud Migration

- Applications profiling against a set of Cloud readiness parameters to identify the potential vulnerabilities for Cloud migration (Lift & Shift/Cloud-native) with/without PaaS layers like Openshift