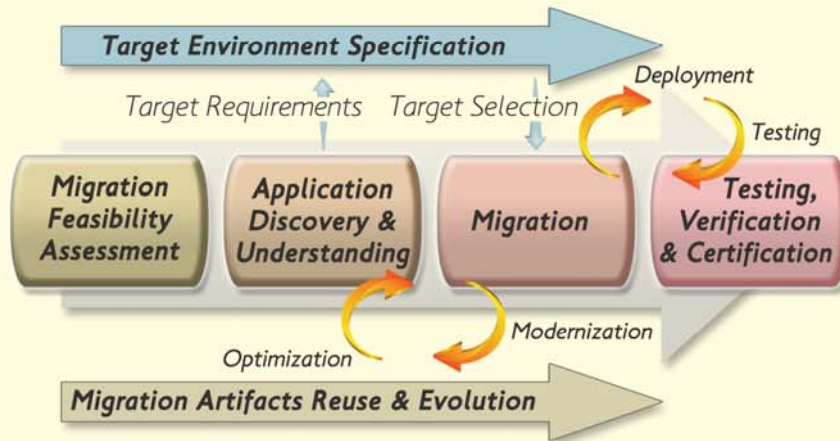


OVERVIEW

ARTIST is researching the application of model-driven engineering to the migration of legacy software to **Cloud** computing platforms. Once transformed, such applications take full advantage of **Cloud** infrastructures and can be provided as software-as-a-service.

PROJECT OBJECTIVE

ARTIST results will cover the full transformation cycle, providing tools to quantify the feasibility and desirability of migration to the Cloud, a detailed blueprint of the work to be performed, assisted implementation and post-modernisation validation and certification for compliance.



Pre-migration phase

Evaluate the feasibility of the migration through a technical and business analysis, providing potential costs and effort required to carry it out

Migration phase

Create a plan for migration steps
Analyse and model the legacy software
Transform the legacy models to modernized models

Post migration phase

Validate whether the goals of the migration are fulfilled by the migrated software
Certify the reliability and quality of the service provider

Evolution

Maintenance activities of the application after migration to the target environment, such as software updates or cloud provider changes if necessary