

# ANUBEX IDMS MIGRATIONS

FACT SHEET

## AT A GLANCE

The Anubex IDMS migration solution takes any application developed with IDMS technology and automatically migrates it to a functionally identical one, now ready to run within an alternative technical environment on the same platform or on a different platform altogether.

The migrated application is completely free of dependencies on IDMS technology and relies on industry standard technologies instead.

Many of today's mainframe applications that were developed with CA IDMS are still mission critical and continue to deliver significant benefits to the organizations that use and rely upon them.

Nevertheless, the Total Cost of Ownership and technological risk associated with these applications have now escalated to unsustainable levels. Anubex's automated IDMS modernisation and migration solution provides an opportunity to liberate these valuable and reliable business systems from their dependency on non-strategic, legacy technologies, and enable them to be integrated with state of the art components, including Cloud and OO programming languages.

## NATIVE TECHNOLOGIES / NO EMULATION

After the migration, organizations will be able to provide their core applications with new capabilities, while granting access to exciting opportunities, such as the use of Cloud, DevOps, CI/CD.

By doing this, it is ensured that migrated applications use technologies that are widely recognized and accepted as native on the chosen target platform, instead of choosing to emulate the source platform technologies on another platform.

Whenever the functional equivalence promise requires introducing components into the migrated application that could be perceived as non-native on the target platform, a clear modernization path is offered to eliminate these components for good.

## THREE STRONG PROMISES

All Anubex conversions ensure three types of equivalence:



### Functional equivalence

The migrated application's behavior is identical to that of the original one.



### Performance equivalence

The migrated application will perform at least as well as the original one.



### Maintenance equivalence

The maintenance of the migrated application will be comparable in effort to the original application.

## TARGET TECHNOLOGIES

Anubex's IDMS migration solution offers multiple choices when it comes to mapping the source system technologies to their alternative target technologies:

From	To
CA IDMS/DB	Oracle
	DB2 z/OS
	DB2 LUW
	SQL Server
	PostgreSQL
	Cloud-managed relational databases
COBOL CA ADS/O CA ADS/A	Enterprise COBOL
	Micro Focus COBOL
	Fujitsu COBOL
	Java
	C#
OLM Maps	Terminal Emulator (3270, 9750)
	Browser (HTTPS)
CA IDMS/DC	Standalone processes + Kubernetes
	Standalone processes + Anubex Process Management Services
	z/OS CICS
	Tuxedo
	J2EE
z/OS z/VSE BS2000	z/OS
	Linux - Unix
	Windows
	AWS
	GCP
	Azure

Find out more:

→ [Anubex z/OS & z/VSE Fact Sheet](#)

## USER INTERFACE MODERNIZATION

Anubex's CodeTurn enables the conversion of many legacy character-based user interfaces, including CA IDMS OLM maps, into modern, browser-based front-ends that can be maintained using standard tools and modernized incrementally.

Since clients have often invested significantly in a large volume of screen scraping and automation scripts that rely on the use of a specific terminal emulator, Anubex's IDMS migration solution also contains a component that enables the continued use of these terminal emulators while concurrently enabling the use of modern browser clients.

## AUTOMATED TESTING

A key factor of successful migration projects is making sure that the migrated system is ready for production. At Anubex, this is done through extensive and repeated testing cycles.

DataMatch and TestMatch are the core of the Anubex automated testing offering for mainframe migration projects. They were built to reduce the time and effort needed to complete this crucial testing phase:

- TestMatch eliminates the need to manually create test scenarios for the complete application;
- DataMatch enables quasi automatic testing of batch jobs
- Both limit the end-user involvement in the project for acceptance testing.

Learn more about the tools' capabilities:

→ [TestMatch Fact Sheet](#)

→ [DataMatch Fact Sheet](#)

## REFERENCES

Anubex has a 100% success rate, having completed numerous IDMS migration and modernization projects around the globe on IBM mainframe, distributed environments, and the Cloud.

Each of these projects has been delivered on time, within budget and to the complete satisfaction of our clients.

Visit our [Case Studies](#) website section to learn more.

Anubex is an industry leader providing core software solutions, know-how, and support for complex mainframe-to-cloud migration and modernization projects. Get in touch at [migrations@anubex.com](mailto:migrations@anubex.com).