

Converting Data to the Cloud with DataTurn

Automated Mainframe Modernization

 **ANUBEX**

CONVERTING DATA TO THE CLOUD IN AN AUTOMATED WAY

The ever-growing market demand for online availability of information is dramatically changing the way companies and people access and use data. They require to access, monitor and manage financial information instantly via computers and mobile applications. They want to be able to search, view and purchase goods and services at any time of the day. They expect for prompt and efficient response from public institutions, especially in times of crisis.

This puts increasing pressure on enterprises and government agencies still running on mainframe systems supported by databases such as IDMS, Adabas, DB2, VSAM, IMS or flat-file databases.

The rise of the cloud, Internet of Things (IoT) and Artificial Intelligence (AI) is forcing these organizations to rethink the way they process and store data. Some of them have already taken a giant leap forward by modernizing their legacy systems and capitalizing on all opportunities that new technologies offer. Others are now prioritizing data accessibility as a key step to drive intelligence and agility into their business operations.

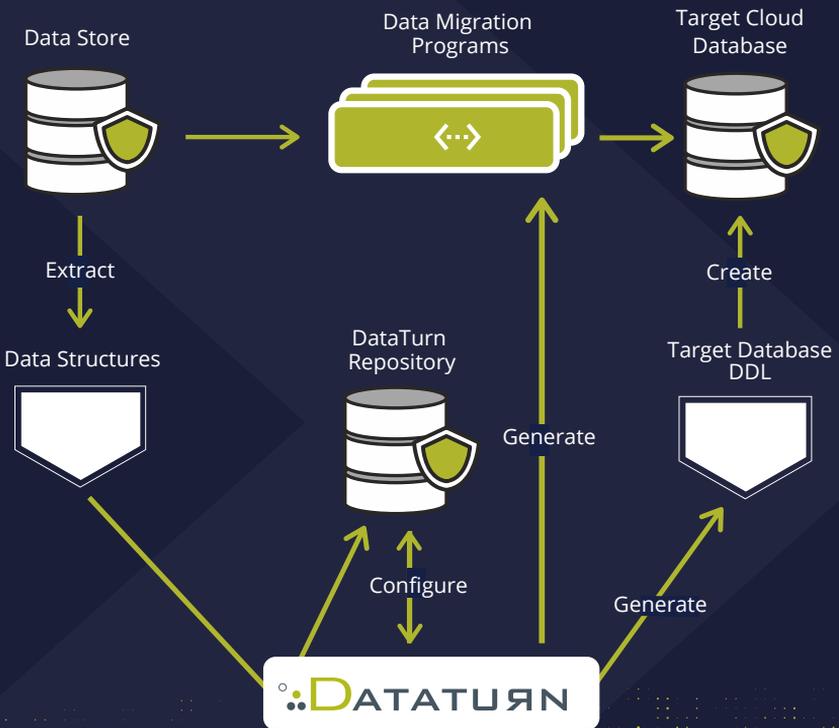
MODERNIZE AND MIGRATE IN ONE MOVE

At Anubex, we help organizations modernize their systems and take advantage of new forms of big data, get greater flexibility, and use powerful new technologies. The best thing is that the data conversion process can be done in an automated way, while moving the entire application to the cloud.

HOW IT WORKS

For complex data conversion projects, we use DataTurn, a powerful tool that provides automated transformation of data structures and conversion of data from traditional architectures to state-of-the-art relational databases.

It supports all market-leading cloud databases, giving customers the flexibility to choose the product most suited to their needs and standards. Moreover, it supports the migration of ISAM/VSAM files to files with compliant formats on open platforms, including EBCDIC to ASCII encoding translation.



A PHASED PROCESS



The conversion process always consists of five steps, irrespective of the source and target technologies.

-  Upload the current structural data definitions into the DataTurn Repository
-  Configure the conversion mappings
-  Generate data conversion programs and target cloud database scripts
-  Setup the target cloud database
-  Run the data migration programs

LIKE-FOR-LIKE APPROACH

Our "like-for-like" or "iso-functional" approach makes it possible to guarantee that for each project:

-  **1 All functionality is mapped**
-  **2 Data integrity is preserved**
-  **3 Data availability is ensured**

Organizations that choose the way of modernizing all the way while simultaneously moving to the cloud can take full advantage of reduced IT costs, increased performance, and full access to cloud-based software.



ANUBEX FACTORY

Discover the suite of tools we use to convert data and migrate legacy business applications to the cloud in a seamless and controlled way.

MODERN CODE

CodeTurn is a powerful tool that automatically transforms legacy source code (Assembler, Natural and COBOL to Java and C#) into modern source code that is both easy to maintain and 100% functionally equivalent to the original.

AUTOMATION

TestMatch provides automated testing of mainframe OLTP. It can be used to facilitate testing during the migration project, or it can provide an automated regression test suite for applications.



REDUCED TEST EFFORT

DataMatch is a powerful, scriptable database comparison tool. It is also used in the automated testing of the correct execution of batch jobs, and thereby it considerably reduces testing effort.

LIBERATION

DataTurn provides automated conversion of data from legacy data stores to state-of-the-art relational databases, liberating business systems from their dependency upon non-strategic, legacy and costly technologies.

GET IN TOUCH

Our fully automated conversion and testing tools reduce costs, time and risks of enterprise application integration, software transformation, and mainframe-to-cloud migration. Reach out to our experts and get tailored advice on how to move data from legacy databases to modern databases in an automated way.

✉ migrations@anubex.com
☎ +32 3 450 42 50
🌐 www.anubex.com

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