

# Anadolu Sigorta A.Ş.

Database provision time decreased to  
10 minutes from 5 days

## BACKGROUND

As the first national insurance company of Turkey founded under the leadership of İşbank; Anadolu Sigorta A.Ş. has played an important role in the development of the insurance industry in Turkey and in the modernization of the country's socioeconomic environment in parallel with that development ever since it was founded. Anadolu Sigorta A.Ş. has 2500 agencies in Turkey and its consolidated net profit also reached 324.5 million TL in 2018 and has almost 3 million policyholders.

## CHALLENGE

Anadolu Sigorta A.Ş. uses UAT and PREP environments to provide Production quality data to teams that require mostly for UAT and Bug fix purposes. However, during Delphix installation they were also facing storage shortage challenges due to the fact that they were in parallel planning to move their data center.

These shortages were causing difficulties in environment and database creation requests and sometimes it would take more than a week to export/import a database from Production systems. These problems were either being solved by putting in extra operational work load or delaying the tests and SDLC cycles.

## SOLUTION

Delphix deployment in Anadolu Sigorta A.Ş. started in Jan 2018. Initially Delphix Engine was given 5TB storage but eventually the storage is increased. During the deployment Production databases were ingested by Delphix. The deployment work performed based on systems that are prioritized by Anadolu Sigorta A.Ş. teams. Between January and May 2018 more than 6 Oracle databases are ingested, virtualized and given to end users. Masking Engine related work is also performed during this timeline. Currently Anadolu Sigorta A.Ş. is using Delphix Engine to its full capabilities. Delphix provided Anadolu Sigorta A.Ş. an opportunity to ingest and provision production databases in minutes to any team that requires it. For each system that is to be virtualized an initial meetings are performed with development, test and business teams to gather the requirements for the virtual databases. Required OS and DB accounts are created and Delphix is connected to production systems to ingest the databases. Virtual databases are created with Hook scripts in a way that when their provisions are finished, virtual databases are ready to be used by end users. Masking, user and database update operations such as truncate are performed during initial load of the database. In some cases, a stage database is used to provide continuously ready fresh data to the test teams.

**ANADOLU  
SİGORTA**  
Kaybetmek yok.

**Industry**  
Insurance

**Headquarters**  
Istanbul, Turkey

**Employees**  
1200

for consultancy, architectural design and installation support while enabling us to take advantage of Delphix in the shortest and most efficient way.

*" With Delphix, we are now able to provide our test and solution development teams more accurate data with less time and less resources. Also thanks to Accuras professional services team as they have always been there for us at every step of the process for consultancy, architectural design and installation support while enabling us to take advantage of Delphix in the shortest and most efficient way. "*

MEHMET ABACI | CIO, Anadolu Sigorta A.Ş.



## RESULTS

Providing daily, fresh, masked and end user ready data to UAT and PREP environments created lots of benefits to different teams. UAT teams are able to access data whenever they need. Export / import operations became obsolete since virtual databases can be provisioned in minutes. DBA operation work load is moved from export / import related jobs to DB performance and other production related works. Ability to provide daily Production data anytime greatly improved how the tasks are handled specially those that are related to bug fixes. With Delphix, Anadolu Sigorta developers enjoy working with full data that is under their command on demand.

## ACCURAS' ADDED VALUE

From the day one, Accuras was involved in all Delphix related steps in Anadolu Sigorta A.Ş. Our dedicated Delphix Blackbelt Client Architect Rahim Cetinel provided all required analysis, architecture and deployment support. We continue to provide 24/7 remote and on-site support for all Delphix related issues.

## KEY OUTPUTS



250TB storage  
avoided  
with virtual databases



Previous DB  
export/import time:  
5+ days



Delphix DB  
provision time:  
10+ minutes

## ABOUT ACCURAS

Accuras is an independent, privately owned technology company specialized in building software & hardware adapted solutions that our customers have to depend upon day to day, hour to hour. Accuras' approach is to combine technical excellence, outstanding customer service to maximize the value of technology platforms, data AI and ML to make our clients happy with advanced, digital solutions and services they'll use time after time.