

# İŞ BANK

## High Quality Data to Dev and

## Int Environments

### BACKGROUND

Türkiye İş Bankası (İş Bank) is the country's first truly national bank incepted following the promulgation of the Republic dates back to 26 August 1924, mandated by Atatürk, consequent to the First Economy Congress in İzmir. İş Bank begun to operate with two branches and 37 staff. As well as the financial sector, İş Bank currently has direct participations in 24 companies operating in finance, glass, telecommunication, as well as industry and service main groups and İş Bank has direct or indirect control over 110 companies, as of December 2018.

### CHALLENGE

Comparing to the fresh and high-quality data of user acceptance testing (UAT) systems in İş Bank, integration and prior test systems had lower quality and older data. For this reason developers tended to use UAT systems for testing purposes which resulted integration and test systems being underutilized while the UAT environments become too crowded and overutilized.

### SOLUTION

After a successful Delphix deployment to Anadolu Sigorta, İş Bank become interested in Delphix. Delphix was presented in April 2018 and PoC is planned for May 2018. During 2 weeks PoC, capabilities of Delphix were deeply investigated. İş Bank decided to move forward with Delphix in August 2018 and deal was finalized in October 2018. Deployment Phase 1 started November 2018 for Oracle databases on AIX for initial set of 4 databases. Phase 1 finished in January 2019. Delphix provided İş Bank an opportunity to ingest UAT databases and provision virtual databases to Integration and Test environments with latest UAT data.

After the environments are refreshed with fresh and high-quality data, the development and test teams started using new environments. Currently Delphix is providing more than 300+ virtual databases in Oracle and MS SQL databases.

Since all the virtual data continuously being backed up by Delphix, any data disturbance in Dev and Test environments can be reversed in minutes.

TÜRKİYE  BANKASI

Industry  
Finance

Headquarters  
Istanbul. Turkey

Employees  
24133

«Everybody ! Let's test now!

We are trying to increase our business outcomes' quality level by the shift left strategy of testing as early as possible in the development process. This helps our teams focus on quality at the beginning of the Project, rather than waiting for defects in late stages. Within this journey Delphix is a very strong enabler for us and supporting our strategy strongly. Easy to use, directly to the target !»

SERDAR YILMAZ

CDO, Türkiye İş Bankası A.Ş.



## RESULTS

Teams started using Int environments with its fresh data. UAT environments become less crowded and used more for UAT purposes. Since new virtual databases are opened in new servers, old environments are shut down and resources returned to the pool. Just in time copy of data can be provided to teams working on different features with less operational cost.

All data is backed up by Delphix and can be instantly restored in case of emergency or data corruption.

## ACCURAS' ADDED VALUE

Starting from the day one, Accuras was involved in all Delphix related steps in İş Bank. Accuras provided all required analysis, architecture and deployment support. Accuras provided dedicated Client Architect for İş Bank. We provide 24/7 remote and on-site support for all Delphix related issues.

## KEY GAINS

- Decreased operational cost and faster data service
- Int and Dev environments are provided with quality data
- Environment utilization is increased
- Dev and Test environments can be restored instantly
- Infrastructure readiness for Agile, Devops and Shift Left

## ABOUT ACCURAS

Accuras is an independent, privately owned technology company specialized in niche DataOps software solutions and services through its proven Accuras Client Engagement (ACE) delivery framework, empowered by industry's most comprehensive DataOps technologies, and delivered by senior hands-on practitioners with +10 years of system integration, DevOps and data migration experience. Accuras' approach is to combine technical excellence, outstanding customer service to maximize the value of technology platforms to make all the clients happy with advanced, digital solutions and services they'll use time after time.