

Bank Leumi

Bank Leumi's remote dev teams use Accelario DataOps platform to refresh their test environments on a daily basis, masking data from the production server to ensure test data remains accurate and of high quality while maintaining compliance with privacy regulations. This fully automated process significantly reduces time to provision test data, enabling Leumi to cut dev costs while supporting faster delivery of high quality digital products. These new capabilities empower Bank Leumi to lead the industry with highly innovative digital products that deliver greater efficiencies for their customers.

About Bank Leumi

Israel's oldest banking corporation, Bank Leumi operates 250 branches across the country that provide a full range of banking services to private consumers and businesses of all sizes. Leumi invests substantial

resources in developing and improving its technological capabilities to ensure that its customers benefit from innovative digital services.

The Challenge

Bank Leumi is committed to delivering industry-leading digital products to its customers. As part of this initiative, Leumi began working with a remote engineering team to develop a state-of-the-art digital Deals Room. The bank needed to constantly provide high quality,

anonymized test data based on real production data to ensure accuracy. But with more than 400 databases, this manual process took their DBAs more than 7 full days, when the requirement was for daily updates to ensure a minimal gap with the data in production.

At a Glance

› Industry

Financial Services

› Challenge

Remote engineering teams needed a daily process that would constantly refresh anonymized test data into their dev environment so that they could develop streamlined Deal Rooms.

› Solution

A simple-to-use process that simultaneously copies and masks real data from the production server, and then copies it back to the target server in one go.

Results:

› The test data provisioning process was reduced from 7 days to 5 hours, for faster delivery and less downtime for dev teams.

› Removed reliance on error-prone, time-consuming manual processes.

› A fully automated, streamlined test data provisioning process that takes place overnight to ensure that each morning the dev team has access to data that is similar to production data, and to reduce the daily workload on the production server.

› Data anonymization ensures that highly sensitive financial data is kept safe and private and in compliance with GDPR, PCI and PII regulations.

"We were able to reduce our test data refresh cycle from our 1000+ production databases dramatically – from three days in average to one hour! Our QA users now independently deploying their own refreshes and builds, copying only required partial data, instead of our whole huge data. Our DBA team freed 30% of their time!"

"Accelario's solution allowed us to overcome data-related challenges that run through DevOps and digital transformation, providing flexibility and self service efficiency at minimum time making us a high availability performance organization."



The Solution

Bank Leumi implemented Accelario's continuous DataOps platform which enabled Bank Leumi's engineering teams constant, ongoing access to production-like data, refreshed on a daily basis. The overnight data

provisioning process simultaneously copies and masks production data before copying the anonymized data into the target test server to ensure compliance with both internal and external privacy regulations. With Accelario's streamlined process, test data

provision time was significantly reduced, removing a major roadblock and enabling remote engineering teams to deliver high quality digital products faster while complying with privacy regulations.

Results

Using Accelario's TDM solution, Bank Leumi was able to replace a manual, time-consuming, error-prone process with a streamlined, fully automated provisioning cycle that maintained compliance with strict internal and external privacy regulations. This enabled Leumi to:

- › **Reduce their test data provisioning cycle from 7 days to just 5 hours**
- › **Accelerate application release deliveries**
- › **Minimize reliance on DBAs to provision test data, enabling a productivity gain**
- › **Maintained strict compliance with internal and external data privacy regulations**
- › **Significantly reduced errors caused by using inaccurate test data**

Accelario | The continuous DataOps platform

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