

CASE STUDY



smart people
smart solutions

PROJECT SUMMARY

COMPANY

A Central Bank

INDUSTRY

Finance

LOCATION

South Africa

SOLUTION

Software development
Microsoft Azure Cloud platform

THE CHALLENGE

A Central Bank required the development of a mobile application to enable the public to access the latest as well as all historic Quarterly Bulletins. The App also needed to perform complex frequency transformations as well as graphs depicting statistical data. The Central Bank Economic Research and Statistics Department (ERSD) collects, processes, interprets and publishes economic data, statistics and other information. The Quarterly Bulletin (QB) is the flagship publication of the ERSD and is a major source of information that is made available to analysts, researchers and policy-makers.

THE DVT SOLUTION

DVT developed a mobile application for a Central Bank that would be accessible on tablets and smartphones across Android, iOS and Windows Mobile with the ability to perform and export calculations performed on statistical data to MS Word, Excel and PDF.

TECHNOLOGIES:

- Native Android
- Native iOS
- Native Windows Phone
- Azure hosting and services
- Web services
- ASP.Net MVC

THE RESULT

The developed mobile application allows users to access the Quarterly Bulletin publications and provides quick and easy access to data in a format designed for mobile devices. It also contains a rich set of regularly updated statistical tables.



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ABOUT DVT

DVT is a software development and testing company that focuses on digital transformation technology solutions for clients globally. Its services include custom software development for mobile, web and traditional platforms, software quality assurance, automated regression testing, UX/UI design, cloud application services, DevOps consulting and data & analytics solutions as well as Agile training and consulting.

Founded in 1999, DVT has grown to over 700 staff with offices in the UK (London) and South Africa (Johannesburg, Centurion, Cape Town and Durban). The company services more than 100 local and international medium and large organisations.



What users can do with the app?

- View current and historical editions of the Quarterly Bulletin.
- Search for information within the Quarterly Bulletin.
- Search for time-series data by keyword or KBP code.
- View and compare time-series data.
- Perform calculations on statistical data.
- View and create custom charts, graphs and tables.
- Download/Export graphs, charts and tables using email.
- View the Release Calendar.
- Subscribe and receive push notifications for new publications.

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