



## Company Profile

With assets worth over USD 27 billion, **bank muscat** is the leading financial services provider in Oman with a strong presence in Corporate Banking, Retail Banking, Investment Banking, Islamic Banking, Treasury, Private Banking and Asset Management. The Bank has the largest network of 149 branches, 645 ATMs & CDMs and more than 10,000 PoS terminals.

## SOLUTION

Data Analysis for Teams  
Implementation Services  
Consulting Services  
Training  
Support Services

The international operations consist of a branch each in Riyadh (Kingdom of Saudi Arabia), Kuwait and a Representative Office each in Dubai (UAE) and Singapore. Muscat Capital LLC, a 100% subsidiary of bank muscat, is a brokerage and investment banking entity in Saudi Arabia.

## Objectives

### INDUSTRY

Finance and Banking

Bank Muscat is a fast growing bank of Oman and also a major player in the banking industry of Middle East Asia. With the fast expanding of portfolio and advances, it's important to place effective tool and solution to monitor the transaction and make sure revenue is well guarded and recovered from the customers. Advances extended are to be analysed for its operations and possibility of becoming NPA. Fraud management is also one of the modules that is being automated under this project.

### REGION

Middle East Asia (MENA)

The data from the T24 system is being extracted by IT department and populated in the ETL Server for analytics. 100% data analytics is to be performed and reports are being provided to the users over the web access to the analytic server.

### KEY BENEFITS

Powerful, cost-effective solution  
Rolled out in record time  
Proactive insight into controls and errors  
Significant time savings through  
Automated Analytics  
Enhanced communication  
within the team as well as  
with management and  
business stakeholders

61 reports covering below mentioned departments are being automated and reviewed by the respective users. Users rights are being also programmed, so that relevant users of the departments view their own reports, hence maintaining total confidentiality. The departments are as below:

- Corporate
- Branch
- Wholesale
- Retail
- Consumer

### Data Migration Testing

### V. BRAHMA

CHIEF MANAGER, INTERNAL AUDIT

While data compatibility is a common challenge for banking industry, the SSPL solution easily handles multiple data and report formats. Secure access to the repository enables employees to manage business activities when they're working off-site or across the globe. Analytics are easy to use with simple filtering values and don't require complicated spreadsheet functions. Users can quickly upload graphs, presentations and text-based reports to the central repository and share notes, comments and responses—supporting a more efficient audit process.

**The technology with its critical technical advancements**, help the clients to gain better in-sights of the migrated data tables, fields and records. **Project Challenges were:**

1. More than 950+ Tables with more than 150 plus fields.
2. Almost more than 850 million records.
3. 100% comparison of all the tables and fields.
4. Entire comparison process to be automated to be executed on GoLive Day, in a man-less mode.
5. Fully customisable logics and conditions can be incorporated in shortest possible time.
6. Solution was automated for the users to receive reports over emails.
7. Output reports can be customised as per the needs and requirements.
8. Besides testing, SSPL also support for Data Migration activity.
9. If new application is being migrated, SSPL also perform application testing.

### **The Risks of Overlooking Data Content**

Basing rules on examination of small source data samples and relying on metadata descriptions is a major risk that is likely to mean that:

- Time and budget estimates will fall short of actual needs.
- The target system will not perform effectively
- Workarounds will need to be implemented and resourced
- Remedial data cleansing work will need to be devised and resourced
- The costs of missing the deadline will include maintaining the team and incurring continued running costs of legacy systems and downtime on the target application
- The new system will be blamed, making it harder to gain user acceptance
- Management confidence will be questioned

### **About SSPL**

**Substratal Solutions P. Ltd.**, (SSPL) a consulting organization and through its team of professionals has been working in the field of **Big Data Analytics, Data Visualization, Robotics Analytics, Business Intelligence, Digital Transformation and Predictive Analytics**. Through its services SSPL has been successful in serving many major Corporates both in India and Overseas. It now expands its operation by starting **Global Analytics Hub** in Gurgaon, with 24x7 operations. SSPL was conferred with the **Best Big Data Analytics Solution Company Award**, by WQPC.

To know more about our services and solutions, please feel free to write us at [info@sspl.net.in](mailto:info@sspl.net.in)