Sample IBT Qlik Data Integration (QDI) Case Studies – 2020
Top 3 State Government Health Department

As the oldest state government department responsible for operating the state's public health system, the Corona virus pandemic has created a very urgent requirement to deploy solutions, manage and plan Covid 19 responses, in healthcare and government.

The department needs to stream near real-time data to support better clinical decision making.

The Needs / Challenges

- We need to urgently stream data into the Clinical and Business Information Data Lake which is based on Azure. This Real-time data is needed for operational reasons (ICU bed space etc), also clinical decision making is critical.
- Challenge to collect ICU data in real time from the Hospitals across the State.
- Need a system with the ability to scale without increasing the load on source systems key to procurement.

The Solution

Qlik Replicate – MS SQL Server& Oracle to Azure SQL. Target is Azure Synapse.

The Results

- Successful POC, exceeded expectations and benchmarks
- Qlik Replicate's ability to scale without increasing the load on source systems key to procurement.
- "One of the key features that I am keen on with Replicate is its native log reader for Oracle. Most of the other implementation use Oracle's log miner, which cannot support Oracle databases that have more than 1TB/day of data transactions."
- Qlik Replicate was found to be a cost-effective platform with an easy to use interface.

Tier 1 Australian Energy Retailer

Our customer is responsible for building, operating, and maintaining one of *Australia's largest electricity* networks.

They look after the poles and wires that deliver electricity to 95 per cent of New South Wales and parts of southern Queensland.

The Needs / Challenges

Working to a very tight deadline to complete ERP, PeopleSoft Migration and Data Readiness Projects out client required a **Change Data Capture tool** (CDC) capable of working on a Pluggable Database for its PeopleSoft Data Centre move to Azure. They were keen to find a more efficient solution for a data platform uplift project they had just started.

The Solution

Qlik Replicate – MS SQL Server to Azure SQL. Future potential to use Qlik Compose

The Results

- Already comfortable with using Microsoft Connector for Oracle by Attunity for its CDC process, there was an immediate familiarity with Qlik Replicate. This resulted in a reduced need for in-depth training and lowered training overheads.
- Qlik Replicate works with a pluggable Oracle database (19c) necessary for the PeopleSoft Data Centre move to Azure.
- Replicate's CDC functionality, with the latest versions of Oracle, can support containerised databases and handle large volumes of data.
- After testing other applications, Oracle GoldenGate and Shareplex, our customer felt that the Qlik Replicate was able to handle the volume of transactions needed and is easier to implement and maintain.This combined with a critical deadline to meet and the negation of training made Qlik Replicate the right tool for them.

Learn more about our technology, projects and expertise

https://www.ibt.com.au/qlik/

Or contact our Head of IBT's Qlik practice, Jianen (J) Ren, for an informal initial chat on how we can help:
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