Case Study | Data Services

ETL for Healthcare Industry

About Client

World's leading Healthcare diagnostic company, providing leading-edge medical laboratory tests and services through a national network of primary clinical laboratories and specialty testing laboratories.

Technology Used

Java and Oracle Service Bus

Business Benefits

- Increased Processing Speed
- Data Transformation

Business Challenges

The objective of this application is to extract, transform, and load the order details generated by various laboratory systems to IRIS (Integrated Resulting System).

Solution Provided

- Design and Developed ETL Job using Oracle Service Bus to address the above issue
- The order entry system of various laboratories generates Order details in RXML format
- The ETL Job that runs in OSB reads the Order details, enriches it by adding Patient details (using Master Data Management), and transforms it into CCD format which can be processed by IRIS
- The number of records processed is 10 per minute per lab

SENSIPLE

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