



CLARITY
INSIGHTS

Accelerating the
Transition to Big Data

May, 2017

Overview

Our client, a multi-brand retailer, had reached capacity on their current data warehouse technology. They decided to re-evaluate the tools and technologies on the market before just increasing capacity.

The result was a switch to a Hadoop-based system, using Informatica Big Data Edition (BDE) for data integration and processing.

The Challenge

Because the company had been using its existing technology for some time, there were some challenges. Specifically, the company had:

30+

Applications with
both internal &
external data feeds

300+

Data Integration
(ETL) programs

80k+

Execution log files
spanning 1month+ of
execution

All of these needed to be converted to the new technology

The Challenge

To make this transition, the client had to answer the following:

1

What is the total effort to convert the existing programs to Hadoop/Informatica

2

What application would be the best for candidates to start the conversation, and which could wait

3

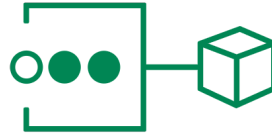
How to communicate a tactical and strategic plan to senior management

What We Did

Clarity was able to help answer all these questions thanks to its data integration accelerators.



These accelerators analyze the prior technology's graphs and execution logs to **determine program complexity, conversion risk, as well as other metrics.**



These analyses are then integrated along with scheduler and job/application dependencies to **determine an application complexity.**



Finally, Clarity's development estimation model **determines the conversion time and effort using Informatica BDE and Hadoop.**

Insights Unleashed

As a result of all this work, our client had not only an analysis of what they had built over the last 10 years but also a strategic and tactical roadmap of how to go about converting to Informatica BDE and Hadoop.

