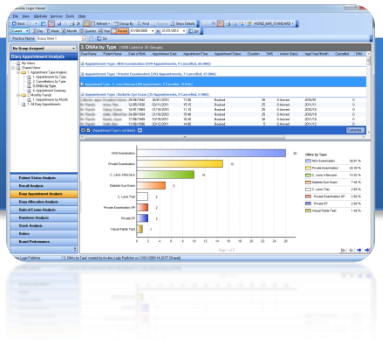
Logix Agile™ Datasheet

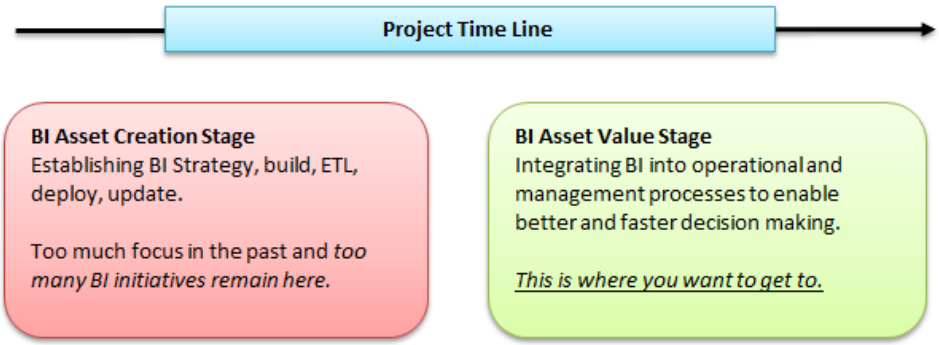
Linx™ versus Traditional Data Warehouses



The End of Data Warehouses

Until recently organisations would almost always have seen the design and creation of a data warehouse as the first step in providing business intelligence to their user base. It is no secret that this can be an expensive and time consuming exercise. Typically the organisation would first attempt to both model itself in great detail and determine up-front the type of questions that may be asked in the future. Next an Extract-Transform-Load (ETL) process is designed and implemented to support all of the identified dimensions and measures. Then dashboards, reports and analytics are developed on top of the data warehouse structure. Finally the resulting reports are rolled out to the user base.

The typical BI Asset Build Lifecycle can be summarised graphically as:



While this approach can work it is also prone to some serious flaws, which as the graphic suggests leaves many organisations stuck in the BI Asset Creation Stage. The list of potential issues includes:

• Data warehouse projects generally take at least several months and require a lot of expensive skill sets.

• Expected business benefits are very often not seen in the short term and the anticipated Return on Investment (ROI) may not be achieved for a number of years. This can commonly lead to a sense of project fatigue.

• Furthermore, as business priorities change, the underlying data warehouse design needs to be modified to support additional measures and dimensions. Again this means more expensive skill sets and ETL build costs.

• In many organisations the Total Cost of Change (TCC) associated with the BI solution can actually act as a barrier to required re-structuring of both internal processes and the organisation itself in response to internal and external events.

Over the past few years both software & hardware technology has developed to a point where In-Memory analysis of very large datasets is now entirely possible. This is the approach that Logix4 ABW takes to achieve your Agile BI requirements.

Logix Linx avoids the high cost of the BI Asset Creation by:

- Firstly not requiring a full data warehouse build and design. Instead Logix4 ABW includes Analytic Packs that represent a denormalised presentation of the data required to support the data needs of each business unit. For example, in the Accounts Receivable analytic pack we implement a denormalised dataset for each of the following areas - Aged Debt, Open Items, Customer Activity and Customer Statements.
- Consolidating data from multiple systems and providing flexible, rich datasets.
- The results of long-running or expensive data enquiries can be stored In-Memory (and near memory) on a server for re-use by users.
- In-Memory datasets are assigned a defined lifetime and are automatically refreshed when this lifetime expires. This means different datasets can have different refresh rates as opposed to a single ETL update process for all data.

About Nathean Technologies

We are passionate about Agile Business Intelligence and have been delivering innovative data analysis and reporting solutions to customers since 2001. We want people to make better business decisions by getting access to their own data with little or no training. We are focused on simplicity, enabling users at every level in an organisation – irrespective of ability – to easily ask questions of data and get the answers they need in an instant.

For more information on **Logix Agile™ ,** customer testimonials and case studies visit www.nathean.com

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