



Nucleus Data Limited

Nucleus Data used Lucrosus to design and implement an enhanced database and management reporting solution.

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Background

Nucleus Data is a leading provider of draught beer dispensed monitoring equipment and data analysis services. Working with over 27 Independent Pub Companies and Regional Brewers, Nucleus Data collects and analyses dispensed data from over 4,000 UK pubs.

With the implementation of the Starway operating platform in May 2007, Nucleus now delivers a 24/7 “always on” monitoring solution providing real time information on key operational parameters to ensure that the beer delivered to the customer is of the highest possible quality.

Business Needs

The Starway system captures data at a per pour level producing prodigious amounts of information across the growing Nucleus client base. Aligned to this data storage requirement, is a need to provide first class analysis services, delivering clear and concise reporting to each of the client operational managers.

Nucleus Data already has a sophisticated technology infrastructure, processing millions of records each year. However, they recognised that to continue to grow the business and to maximise the potential of the Starway operating platform, enhancements were needed to this infrastructure.



Lucrosus delivered a first class product, to time and against budget, that has provided significant enhancements to our data management and reporting infrastructure.

Jeff Anspach

Managing Director
Nucleus Data Limited



Key requirements of any changes included: -

- Existing clients must not be affected by any system change.
- The changes must be made against a clear timeline.
- The reputation of Nucleus Data of 100% data accuracy must not be placed at risk during or after any systems changes.

Finally, any changes that were to take place must be completed against a pre-defined budget.

Solution

Nucleus Data approached Lucrosus for a proposal as to how their existing technology infrastructure could be upgraded to meet their specific business needs.

Lucrosus, specialist providers of database & software solutions to the pub and leisure sectors, proposed a number of important changes: -

- Retain their existing platform of Microsoft SQL Server to minimise the risk of business disruption
- Design a new database that could hold the high volumes of data in an efficient way ensuring that both data retrieval and data analysis are made as efficient as possible
- Review and tune all transactional processes that capture data
- Replace any legacy systems used to manage the business with a modern web driven application portal
- Implement a new suite of management reports using Microsoft Reporting Services
- Provide support and assistance to the Nucleus Data in-house technical team in understand the changes and how best to support them in the future.

Benefits

Following the implementation of the proposed solution, the key benefits experienced by Nucleus Data are: -

- An infrastructure able to process efficiently the high volumes of data generated by Starway and the growing Nucleus Data client base
- All transactional processes have been optimised removing any risk of processing inaccuracies
- Legacy systems have been removed and replaced with a modern .Net application portal
- Report pack generation is now faster and more efficient
- The database has been optimised to support fast analysis of information
- The future growth of the technology infrastructure has been assured
- The project was delivered against a fixed cost and an agreed timeline



Find out more about Lucrosus at www.lucrosus.com.

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