



Driving innovation

Neutrino Information Release Appliance: Self-service Business Intelligence in real-time

Atos Healthcare and Neutrino Concepts offer healthcare organisations a self-service Business Intelligence (BI) solution that provides real-time answers to key business questions. It is easy to use and integrates with current IT systems – all designed to deliver meaningful analysis in simple formats in less time and at less total cost of ownership.

“Neutrino Concepts’ interface enables users to search existing data warehouses using words and phrases – similar to Google – instead of submitting complicated queries. The tool’s visual, search-based interface conforms to the way most users want to access and interact with information in an ad hoc manner.”

Wayne Eckerson, Director of TDWI Research at The Data Warehousing Institute

The challenge

Hospitals, Primary Care Trusts (PCTs) and Strategic Health Authorities (SHAs) depend on detailed, relevant and timely business information to help deliver cost effective, efficient solutions to improve patient care.

Given the sheer quantity of data involved and the possible permutations in which it exists, it can be a huge task to extract, analyse and then present it in an easy-to-read format for the people who need it. Until now, that task has been expensive and time-consuming resulting in out-of-date information.

Our solution

The Atos Healthcare and Neutrino Concepts solution delivers comprehensive data retrieval, interrogation and presentation choices. This simple process is designed for those whose job it is to gather, interpret and present information.

Unlike other analytical tools, our solution does not use a pre-determined query and answer structure. Instead, it works like a question-based search engine, delivering a visual representation of the data in real-time.

Search within searches: Drill down to see data that relates to your original search.

View your audit trail: See all the searches you have entered and go back into the data at will.

Cross-reference data: Compare and analyse data (historical or current) to see patterns such as flu or measles epidemics, within one PCT or across a group of PCTs.

Set access levels: A PCT may access and compare information from GPs, hospitals and other PCTs, while an SHA will have access to all the healthcare organisations within its remit.

The benefits

For data analysts, our market-leading solution delivers the freedom, flexibility and empowerment to find, analyse and manipulate data without a pre-determined and self-limiting structure.

Using the most advanced search engine techniques, our BI tool delivers a range of benefits including:

- » Leverages current IT infrastructure capabilities and integrates with existing data warehouse and data-mart architectures to reduce the cost of implementation

- » Provides exceptional real-time deep analysis of patient and healthcare data designed to enhance decision-making across the entire value chain
- » Presents timely data to leaders in accessible formats that they can add to and change according to need
- » Facilitates report and other document sharing based on role level access
- » Delivers the data needed for better funding, operational and resource allocation decisions – leading to a more agile, collaborative and inclusive decision-making process.

Atos Healthcare and Neutrino Concepts

Atos Healthcare provides personalised healthcare services, combined with consulting expertise and best-in-class automated IT solutions to both the private and public sector. We have years of experience working with NHS organisations at national and local levels and we are dedicated to delivering the most efficient, relevant and cost-effective BI services for trusts hospitals and health authorities.

Neutrino Concepts bring new life to BI and advanced predictive analytics, and the power to answer questions not queries through a true self service interface. It provides organisations with the ability to connect business with IT and to make the right decisions at the right time for the right reason.

Our unique partnership derives from Atos Healthcare’s depth of NHS knowledge and track record in the successful deployment of IT solutions combined with Neutrino Concepts’ breadth of analytical techniques. The result offers NHS organisations a powerful BI solution with a full implementation service.

Solution pilots

We offer the opportunity to get to know both our solution and each other through fast-track pilots. Using local data, NHS organisations are able to see the software in action and understand its benefits prior to full scale implementation.

Next steps

If you would like to know more about our new generation Business Intelligence analytics solution, please call 020 7830 4931 or visit atoshealthcare.com

