



CASE STUDY – PLM Based Enterprise Search

Customer Profile:

This client is a medical device corporation and a pioneer in innovative devices and products for interventional vascular medicine and electrophysiology.

Business Case:

The client wanted to have a unified Enterprise Search and Retrieval solution that can provide relevant product data information to the relevant person at the right time within the global enterprise.

Solution:

An enterprise wide search and retrieval solution was developed and integrated with the client's PLM system. This solution developed by i2t2 used the Convera Search and Retrieval software and it was integrated with the Enovia MatrixOne PLM product.

The solution included developing user-interfaces for searching and displaying the results using Java Server Pages. Java Beans were designed that contained the business logic to access and retrieve the indexed data from Convera's Search repository using the Java API's. Java Program object was designed on the MatrixOne side to send the appropriate data to the Convera repository when the business requirement was met. Background Convera services were responsible to index these data which were retrieved via user search.

Benefits:

- Increased user efficiency in finding right and latest data.
- Faster response to customers, agency and audits requirements.
- Reduced cycle-time for making effective changes.
- More rapid development of goods and services.
- Compliance with disclosure aspects of legislation and regulations.
- Effective information sharing, exploiting the organization's knowledge capital.
- Improved collaboration across the various cross-functional departments.
- Superior innovation through improved use of information.
- Improved competitive advantage.