EMC Documentum upgrade for Oil & gas Company

Company
One of the world's largest energy company

Industry
Oil & gas

Country
Vietnam

Solution
Enterprise Content Management

Technologies
EMC Documentum 6.5 platform, Webtop, BPS DFC, DFS, Brava and Oracle 10g

Duration
20 weeks

Business Overview

Our customer is the one of the world's largest energy companies, providing its customers with fuel for transportation, energy for heat and light, retail services and petrochemicals products for everyday items. Our customer has transformed: growing from a local oil company into a global energy group; employing over 96,000 people and operating in over 100 countries worldwide.

Project Overview

Our customer had implemented Documentum 4.x to manage all their documents and contents of their asset management system IBM® Maximo several years ago. In 2009, our customer determined that the company needed to upgrade the existing system to the latest version of EMC® Documentum, D6.5, based on the following:

➢ Documentum 4.x was no longer being supported by EMC® Documentum.
➢ The Hardware and running existing systems were inadequate to meet the current and future demands for increased system performance and user's response. The hardware and operating systems used in the production & test systems were reaching their end of reliable life.
➢ Customer wanted to expand the functionalities of its ECM system, which were available as out-of-box in Documentum 6.5.

Key Challenges

Having worked on various complex Documentum migration and upgrade projects, Verinon's team was able to quickly and accurately able to scope the migration effort. Our detailed migration analysis for the project revealed the following complexities:

➢ Migrating from Documentum 4.x to D 6.5 was a complex task due to major architectural changes of the Documentum system during various intermediate versions like D5 & D6.
➢ Cross-platform migration: Customer was looking to retire their age-old Solaris systems and was looking to migrate to Microsoft Windows for the ease of system management.
➢ Existing Documentum 4.x was integrated with IBM® Maximo and the upgraded Documentum 6.5 based system was required to maintain the seemless integration without changing the usability.
➢ Documentum 4.x didn't have its own web based UI, hence customer was using a custom built user-interface, which was needed to be replaced with WebTop 6.5.
➢ Large amount of data was to be migrated from older version on Documentum and Oracle
➢ RDBMS to the latest version.
➢ Business workflow functionality was to be migrated from legacy Documentum components to the latest BPS.

Solution

The customer engaged Verinon in reorganization of Verinon's Enterprise Content Management expertise, proven capabilities to handle complex migrations and extensive experience in EMC Documentum suite.

Verinon provided a detailed assessment of existing system and a repeatable migration process for migration of contents, metadata and application configuration. This repeatable process was first tested and validation in customer's test environment providing a high-level of confidence and documented the process in preparation of production migration. The same process was repeated in production environment to achieve the desired results.

As part of migration, customer's existing systems were retired in favor of new hardware infrastructure and OS, database was upgraded to the latest version to meet the requirement of Documentum 6.5, all contents were successfully migrated along with metadata, workflow were re-developed using the latest Documentum business process components, full-text indexing was re-configured on Documentum 6.5 repository and custom user-interface was replaced by Webtop 6.5.

Benefits Attained

The solution has been successfully rolled out and introduced into the business activities of the Customer. We have received very positive feedback after several months of the system's utilization.

Among the most important business benefits noted by the Customer are:

➢ Greater performance efficiency in client application, efficient document management and search, enhanced workflow automation.
➢ Easy-to-use, easy-to-manage, enhanced and user-friendly interface to improve user productivity.
➢ Industry standard compatible content management system ensuring security of confidential information.
➢ An enterprise level ECM solution to meet growing business needs and will provide single repository solution for distributed work environment.
➢ Effective records retention according to local regulations.

About Verinon

Verinon Technology Solutions is a CMMi Level 3 and ISO-9001 Certified IT Services Company specialized in system integration services around Document and Content Management, Collaboration, Business Intelligence, Data warehousing, Conversions and Interfaces/adapters coupled with a select pool of custom development areas to clients around the globe.

Verinon is an EMC Documentum Global Services Partner since 2004. Our Documentum practice consists of 150+ full time consultants serving our esteemed clients at every corner of the world providing Enterprise Content Management, Digital Asset Management and Electronic Document Management solutions