NHS R-ITI Project

Radiology Integrated Training Initiative for the UK Royal College of Radiologists

Introduction

After an extensive evaluation of LCMS solutions at the start of 2005, the **R-ITI Project (Radiology-Integrated Training Initiative)** selected **eXact LCMS** as their Learning Content Management solution. The **R-ITI Project** is a collaborative initiative between the **Royal College of Radiologists**, the **Department of Health,** and the **NHS (UK National Health Service)**, established to create innovative ways to improve the training of junior radiologists in the UK health system.

The **R-ITI Project** was initiated to contribute to the target of reducing the radiology-based, diagnosis time of National Health Service patients from the average of 2 years to a maximum of 14 weeks. The **R-ITI Project** was initiated to develop a new approach to training radiologists, since current radiology training infrastructure in the UK was not able to support the rapid increase in the number of trainees. The **R-ITI Project** was, therefore, intended to increase the number of qualified radiologists, without putting additional strain on the current training infrastructure.

eXact LCMS was selected as the solution capable of achieving the **Project**'s objectives without reducing the high quality standards, which this scientific content requires or the rigorous workflow management that such learning material production requires.

The Royal College of Radiologists

eXact learning solutions

Solution

The combination of a simple, templated development environment, a shared development repository, and a comprehensive workflow management system offered the best match to the **Project**'s requirements.

With the need to engage over 350 subject matter experts throughout the UK and abroad and provide them with a toolset that allowed their own development and review of content, the ability to 'tailor' the templated environment quickly and simply was an essential need to ensure both a simple development platform as well as ensuring consistency in the content that is developed.

The selection of **eXact LCMS** has proven to be justified by the production, delivering 20 hours of complex medical content a month, from a development team of 20 instructional designers and content engineers.

Achievements

To date, **R-ITI** content engineers have produced more than 1000 hours of eLearning content in collaboration with over 350 subject matter experts, using **eXact LCMS** advanced content authoring, distributed workflow and peer reviewing functionality.

They have achieved a 10:1 reduction in content production costs when compared to average market prices. During the next project phase, **eXact LCMS** will be installed into three eLearning Content Production centers in Leeds, Plymouth and Norwich to serve the full UK **NHS** system across the **NHS** net broadband backbone.

The success of the new development approach and **eXact LCMS** has been recognised in the other professional colleges in the UK. Specific interest in using the **R-ITI** approach and platform has come from Anaesthetists, Ultrasound experts, Radiographers, Surgeons and Oncologists. In addition, the platform and development environment is supporting the development of national radiology guidelines, as part of a National Libraries for Health initiative, and providing a sub-set of content to support Foundation Year (post medical school graduation) learning.

About the R-ITI Project

The project aims to produce a full eLearning package of content and a learning platform to cover the Royal College of Radiologist curriculum for the 5 years of training currently undertaken by trainees. Content covers both radiological-specific materials as well as physics, PACS and professional skills. The R-ITI approach is defined as an integrated training approach that combines a variety of different learning support mechanisms into a single, managed learning solution.

About eXact learning solutions

eXact learning solutions, formerly Giunti Labs, is a leading online and mobile learning content management and digital repository solutions provider, offering a wide range of tools and services for content development, management and delivery, covering:

- Multi-language bespoke learning content production
- Content management and digital repository platforms
- Mobile learning technologies
- Consulting and professional services

The company has over fifteen years of experience and more than 100 clients worldwide. Our technological innovations allow enterprises to improve their organizational performance, and achieve significant reductions in business costs.

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