



Leading the World to a New Era of Learning Aerospace Maintenance Repair Operation

A case study for

For i3M Aerospace Multimedia, France



About Us

The advent of Information and Communication Technology (ICT) has been creating a sea change in the way we teach and learn today. The application of ICT in Education Technology has greatly influenced the effectiveness of acquiring knowledge and makes the learning process highly productive. E-Learning has become imminent in providing a faster knowledge transfer.

Curriculum Software, Content Solutions and electronic delivery methodology have become highly successful in knowledge transfers. With over 8 years of presence in the education sector, we have been successfully delivering solutions & services that align knowledge, people and technology with the institution's goals.

Our Industry expertise, efficient processes and the ability to understand the organization's needs, has enabled us stand out as the ultimate educational technology provider today.

Business need

In the frame of the collaboration between i3M and their client, i3M wanted to create a training course named « CMMs et documents associés » which, deals with the use of the Component Maintenance Manual (CMM) associated documents.

CMM is a document, which contains the instructions to give the information necessary to do maintenance functions ranging from simple checks and replacement to complete shop type repair for the equipments used in aircrafts.

The work entrusted to us was the creation of the modules of this course in HTML format. The modules were of CBT type, with interactivity and sound recorded and synchronized as per the storyboard.

Benefits

The ASW CBT Courseware Development leads the way towards a revolution in teaching and learning processes and environment by integrating and combining various media such as graphics, texts, sound, simulations and animations. This e-Learning courseware project provides more options when compared to traditional training methods.

Details of the project

Nearly 10 modules were developed for ASW CBT project. The full course developed composed of approximately 45 slides and was of intermediate level of interactivity. Some sources were created or graphically modified / improved and then integrated. The modules were developed using the macromedia flash 7.0 software and using .xml files.

Customization

As customization plays a significant role in developing courseware; characters, background scenarios and language usage was localized to the suit the training needs.

Details of development

The development work started in April 2008. The duration of the project was for 1 month and was completed well within the schedule.

Initially approved storyboards were sent by i3M. The development was carried out at the offshore development centre. After development of the courseware's and thorough Quality Check it was uploaded to the client for review. Review feedbacks were passed on to the offshore development centre and the same was implemented and uploaded for the courseware sign off.

Reasons for success

The courseware was developed for aircraft maintenance engineers. The courseware had given a new dimension for the learning and teaching process and it was accepted as a supplement material for the traditional CMM documents.



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