

Decentralized International eLearning

Flexibility in educational solutions can take us a long way

There are projects in the digital media world that are large-scale and have global implications for participants. And there are projects in industries that cannot be reported on due to security-related issues. We present to you such a project with the Special Award for SoftDeCC.

It should be noted at the outset that, as a publisher, we are obligated to maintain confidentiality regarding the name of the involved company. However, the project partners have given us the opportunity to provide insights into the project of a company that equips globally in the field of medical and safety technology. This global player has over 10,000 employees worldwide who must always be up to date with their knowledge. This "must" is not an obligation imposed without reason. It is necessary because the technologies of the project partner of SoftDeCC Software GmbH undergo high innovation

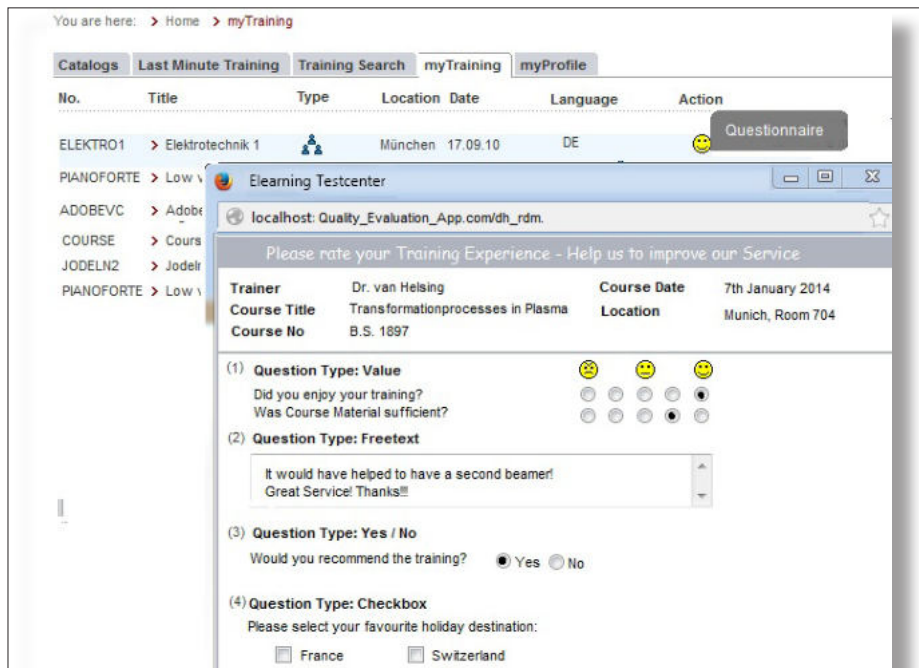
cycles, and employees must be able to access this new knowledge at any time.,

Learners must be invited and obligated to attend training sessions, but the content must be available for everyone at all times and everywhere. Additionally, tracking and certification of participation play a crucial role for the company. The solution devised by the project consortium is integrated e-learning with distributed repositories and platforms – a decentralized form of knowledge management, so to speak.

SoftDeCC Software GmbH
Kapuzinerstr. 9 C
80337 München

0890/ 3090 839 30
info@softdecc.com

www.softdecc.com



*TCmanager has proven to be a true all-rounder.
Screenshot 2018*

The term “repository” comes from IT and refers to a database or similar system where information can be stored and collected. Here, there are distributed repositories that can access various platforms, such as SharePoint. The distribution of repositories and platforms necessitates that TCmanager from SoftDeCC Software GmbH enables feedback from results on other platforms, such as SharePoint.

External platforms that transmit results to a repository, which then sends them back to TCmanager, also need to be possible. In short, direct and indirect playback of data, such as test results and progress, had to be achieved. As TCmanager—the award-winning seminar management system—can handle all of this, it became the central hub for managing WBTs (Web-Based Trainings), bookings, and participants. This was also accomplished through the use of standardized SCORM interfaces.

The most significant development on the TCmanager's side must be the TCmanager Repository, which was required in the project's context. Successfully integrating this repository into the entire, highly heterogeneous infrastructure is a testament to TCmanager's flexibility in responding to diverse requirements.

The project's specifications, which involved consolidating training and test results from global in-person and WBT employee training while maintaining the current infrastructure (retaining the very heterogeneous structure of autonomous repositories and existing learning platforms as a decentralized solution while centralizing the monitoring of learning progress and employee knowledge), were met 100%.

Even the WBTs, with their various architectures, pose no problem for TCmanager. Another crucial element was achieving the timing coordination of training invitations and support scenarios. This resulted in a global, hetero-

geneous, and decentralized learning infrastructure gaining the capabilities offered by TCmanager, with centralized administration as an innovative extension. As a consequence, learning progress can now be centrally monitored and certified, saving time and costs.

What were the implications of this transition for learners? None. They are not directly affected by the background transition, which is why the existing solutions must not be altered. Through the feedback functions of TCmanager, participants in WBTs and in-person courses always have the opportunity to comment on the content—a form of quality assurance in education through crowdsourcing. Learner success is also measurable through TCmanager's

functions, including tests, online result queries, and subsequent tests.

Conclusion

In conclusion, even if the main character of a film is not known by name and face, the supporting roles can certainly deliver Oscar-worthy performances. Summing it up for the eLearning Award: The presentation of the project, even if the name of the project partner must remain confidential, has convinced the jury—solely based on the flexibility of the deployed solution, TCmanager, which is no stranger in the world of eLearning.

The Project

Requirements:

Consolidation of training and test results from global employee training (classroom and Web-Based Trainings) while preserving the current infrastructure.

Maintenance of autonomous, heterogeneous repositories and their associated platforms.

Central monitoring of learning progress and knowledge level

Specificities:

Approximately 10,000 globally distributed employees from various business areas.

Timely coordination of training invitations and support scenarios, e.g., tutorials.

Integration of diverse Web-Based Training (WBT) architectures.