

ELTRIO -

DEVELOPING E-LEARNING AND NETWORKING IN TECHNOLOGYINDUSTRY



The web-based learning network eTRIO within the technology industry assembles learning institutes and companies within metal industry into a cooperation network dedicated to web-based learning. The network benefits from the top expertise gained nationally in the areas of pedagogics and information technology. The objective is to develop and provide training material and education to meet the needs of both companies and learning institutes, as well as to develop rules of the game, ways of working and tools to facilitate a more flexible and efficient cooperation.

The endeavours of the eTRIO network focus on brainstorming new models of educating student groups in companies and educational institutes and on piloting new innovative forms of education, e.g. mobile learning, games and simulations, communal learning and on-the-job or on-the-project learning. The network experiments with various learning environment platforms and aims at creating best practices that will be applicable to any material, independent of the platform used. This will enhance the reusability of learning materials.

The EITRIO network has managed to establish its position as a forum for users and developers in the technology industry. Now it is time to climb to the next level:

VCommon ways of working, tools and processes, and the development of services and products built on them

So far the EITRIO cooperation has been concretely visible in the everyday

work of the players as the opportunity to attend various meetings and seminars biting into issues commonly deemed important. In addition, shared learning environments have been developed e.g. in the following sub-areas:

- eTRIO network game
- National FMS driver's licence training
- e-Learning material in welding
- Paper machine learning environment
- e-Learning environment for forest-machine drivers and installers
- Corporate occupational safety education and induction leaning on e-learning

These experiences serve as the starting point when getting organized even more intensively upon pursuing to create for the EITRIO network an earnings logic and common processes that support the business operations of those involved and merge into a natural and integral part of their operational processes.

Learning to be adopted in work stations as part of industrial working routines

Products and services should be developed in collaboration so that when viewed from the employee perspective, learning merges smoothly into an integral part of the routine chores.

In its most commonplace use, e-learning in the technology industry should evolve around educating the personnel or clients by benefiting from the opportunities offered by the information techno-

logy. Those involved already have a myriad of experience from the implementation of these education sessions. e-Learning should also provide support for planning systems as well as the everyday activities of the users of industrial machines and devices so that in case of fault, a solution could be found as soon as possible and even flexibly from within the pool of software used and interfaces of the machinery and systems.

Collaboration across the boundaries

EITRIO ties the entire operator network and various operating models, methods and tools together in pursuit of the development of a clearly focused field, the technology industry. And good experiences from the power of e-learning exist already. Next we have to turn the success stories into more customary reality and concretely transform e-learning into an integral part of the routine activities in the technology industry. In order to meet this challenge in the future, eTRIO will network internationally with the developers and users of e-learning and serve as an e-learning forum where the international developers of e-learning within the technology industry can interact with the Finnish experts in the field.

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