

## SHOWCASE

**Project name:** Formazionedigitale.cloud, by E-CO e-learning studio srl

**Description:** The project “Formazionedigitale.cloud” is being implemented at the E-CO e-learning studio. E-CO deals with distance learning for over a decade and its “learning mediated by technology” expertise was built based on numerous projects, conducted with many large companies.

The Formazionedigitale.cloud project represents an update for E-CO both technological and methodological online learning.

At the beginning, Formazionedigitale was a research project, with the aim of innovating technological and methodological offer related to online training. The research underlines two innovative technological solutions in the field of e-learning:

- **Cloud computing**
- The **xAPI** standards (API for learning experience) and **cmi-5** standards

These technologies enable a common implementation for the achievement of a single purpose. In relation to cloud computing, **formazionedigitale.cloud** apply the service model called **CaaS** (Content as a Service) also thanks to **cmi-5 standard implementation**.

First of all, cmi-5 offers the ability to distribute content to **multiple servers** or to **multiple devices**. An example of practical application is the case in which one buys from a vendor only digital educational content, having "at home" the e-learning platform, the **LMS** (Learning Management System).

Previous standards for e-learning, like SCORM, would require to copy and store the digital learning resources in the same domain that hosts the LMS, while the CMI-5 can allow to leave the purchased contents in the provider's server, according to the so-called CaaS paradigm or Content-As-A-Service.

Buyers of the educational content as a service, rather than as a physical copy of the product, shouldn't worry about installation issues and technical maintenance of the content.

The new formazionedigitale.cloud can work alongside the platforms of Learning Management System in use for the delivery of training, through digital resources outlined in xAPI standard, not tied to online "traditional educational resources" (WBT SCORM / AICC, etc.). Formazionedigitale.cloud can also track all learning activities undertaken by the user, via the new standard xAPI.

Eco e-learning Studio is convinced that in the future the market for content available as services will grow exponentially. Many social networks and many major content companies are promoting their API libraries to enable their users to recall their content and give them the ability to get content that can be integrated into any interface as a service.

**Formazione digitale.cloud** can be used for the fruition of courses, perhaps integrating an LMS, but can also be used as a set of **Digital Learning Resources (DLRs)** divided into specific channels, based on the typology of resources (video, podcast, wbt, simulation, serious game etc.). All those DLRs can be called by users and inserted in the most different business interfaces, being, however, compliant with the tracking of educational experience, according to the e-learning standards.

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