

Corporate E-learning



Interactivity Levels

The choice of multimedia assets and the degree of interactivity of our courses constitute an essential part of the training strategy.

The interplay of these two variables will contribute significantly to creating a learning experience that is both engaging and stimulating, which in turn will help learners improve comprehension and retention rates.

At Actívica we have created a progression of interactivity stages that, even if it does not attempt to be the only or definitive classification for our e-learning courses, it allows for a clear categorization of the standard solutions offered. There can be, surely, a number of intermediate steps or “shades” for each specific project.

BELOW ARE OUR FOUR INTERACTIVITY LEVELS OR DEGREES:

Level 1 / Low Interactivity

The contents are presented in a linear-sequential order and are used for introducing ideas or concepts. The learner has little or no control over the sequences taking place and his or her interaction with the system may include simple forward / backward navigation. Usually the lesson materials are illustrated with photographic material: occasionally they may incorporate animated situations and spoken phrases.

Level 2 / Moderate Interactivity

At this level, there is more information presented and greater learner control over the contents. It is typically used for basic operations and maintenance lessons or more complex knowledge presentations, such as simple procedures and steps. Emulations and simulations may be presented through original graphics and simple animation, usually with accompanying audio narration. Navigation options expand to include menus, forward/backward, branching, index pages, map pages and glossaries.

Level 3 / Intermediate Interactivity

This level involves interactions with more elaborate information and allows for greater control. Video, graphics, or a combination of both, can illustrate or simulate the operation of a system, subsystem or equipment, design procedures or display complex images. Users may be required to alternate between multiple screens to keep pace with the content. Multiple branches (two to three levels) and rapid response are provided to support remediation. Emulations and simulations are an integral part of this presentation. Graphics include complex original images, animations, videos, and advanced audio support.

Level 4 / Advanced Interactivity

Interactivity at level four includes detailed presentations of complex information, with comprehension and recall exercises and full control over almost the totality of the content. Most tasks and procedures are demonstrated with full interaction, similar to simulator technology. Content is highly complex and involves more authentic scenarios to improve knowledge transfer. Complicated operation and maintenance procedures are normally created in this way and involve all of the elements of the previous levels. Additionally, level four learning involves advanced interactivity, extensive branching via multiple menus, and complex animations and video.