MAKING NUCLEAR LEARNING BETTER

The objectives of a nuclear training program are well documented and the methods which to accomplish the learning objectives are clearly identified. With L3 MAPPS Learning Technologies, the use of visualization is designed to further those objectives by adding another tool in the arsenal to improve or augment the learning experience with a higher degree of efficiency, retention and accessibility. Visualization components can be used in standalone training media or can easily be integrated with the existing full scope simulator and/or existing classroom training programs.

Studies have shown that learning efficiency and retention are augmented by using a visually rich, interactive and immersive teaching environment, which can be summarized by these two principles: *Seeing is understanding* and *Interacting helps remember.*

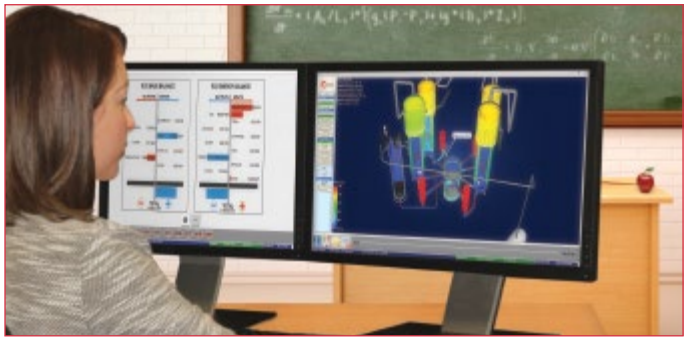
To enhance existing training programs or to support the establishment of newcomer training programs, L3 MAPPS has devised learning technologies based on these principles. L3 MAPPS has coupled computer visualizations with high-fidelity simulation to bring real-time, simulation-driven animated components and systems allowing immersive and participatory, individual or classroom learning.

Learning Modules: Getting the Fundamentals Right

Experiential learning yields the highest student retention rates. But typical classroom training is still characterized by text books, lectures and presentations. Until now, that is. L3 MAPPS introduces Learning Modules to augment the generic fundamentals training currently used in today's curriculums. With Learning Modules, colleges and operators can empower students to gain maximum learning value with hands-on experience. Learning Modules help students visualize various equipment such as valves, pumps and heat exchangers. Remove the uncertainty of mentally picturing equipment construction and operation—touch it, assemble it, watch it work—in the classroom and on portable student tablets.

System Knowledge Modules: Making Plant Drawings Come Alive

Introducing System Knowledge Modules, a powerful new hands-on training tool for power plant systems training that achieves high student retention rates through experiential learning. Unlike the uncertainty of traditional classroom learning where students must imagine how plant systems behave, college instructors and plant operators can now empower students to run them, control them and get instant feedback on actions taken.



Learning Simulators: Enhancing Nuclear Plant Learning

As the world's preeminent supplier of full scope operator training simulators, L3 MAPPS introduces Learning Simulators to bridge the gap between early nuclear worker training and operator training. This innovative software environment leverages our detailed and accurate plant models. But instead of focusing on the procedural aspects of operating your plant, Learning Simulators provide a fully interactive and visual environment designed to facilitate true understanding of your plant's behavior. Learning Simulators can be delivered with pre-recorded scenarios or can even be connected to your full scope simulator for real-time feedback. Learning Simulators are available for different power plant types.

For more information on L3 MAPPS' learning technologies, visit L3T.com/MAPPS or send us a request at power.mapps@L3T.com.

Learning Modules and Learning Simulators are powered with Bridgeworks, a trademark of Bridgeborn, Inc.

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