# DLMS (Direct Learning Management System)

**♦Sinapse Print Simulators♦Saint Aubin, France♦www.sinapseprint.com**

Distributed Learning Management System (DLMS) is a Cloud-based extension to Sinapse's press simulators that allows trainers and administrators to manage and evaluate large numbers of trainees on site or across sites. It can act as a basis for a "local training/remote supervision" model. The language-independent system provides automatic analysis of a training session as well as high-level reports to track the results by trainee exercises and by time and production cost, ranking the performance of the trainees.

Using the DMLS a trainer can set up courses for trainees wherever they are and review high-level results for groups or individual results for trainees. The information can be accessed from anywhere on the corporate/educational network. WAN-IFRA (the world association of newspaper and news publishers) uses offset training with DMLS and has trained more than 300 pressmen from across India—as well as Sri Lanka and Saudi Arabia—and view the training as a practical means to give the trainees the feel of working on a real press. The judges noted that this is a unique tool and offers a great teaching

*Sinapse's print simulators are effective learning tools in both classroom and on-the-job environments.*

## How DLMS Works

1. The instructor enrolls the trainees in the DLMS system and sets up their coursework, creates or modifies problem scenarios, press configurations, costs, multimedia links, and reference values—hundreds of predefined exercises are supplied.

2. The Management Functions lets trainers and administrators configure sites, groups, instructors, and trainees, generating a password for each user so they can access the coursework.

3. When the trainee logs on, they see what courses and exercises have been assigned. They can complete the exercise at any time and from any of the workstations in their local language. The press simulators let trainees practice problem solving and gain experience running a press in any available language.

4. The instructor can review the results from any station on the network or through their Cloud-based software to compare individual and group progress at any time, anywhere. The system is language-independent, meaning a review can be in any language, even if it is not the same as the trainee's.

5. The Individual Results module automatically analyzes a trainee's session and can compare it in detail to the same session completed by any other person (trainers, best in group, etc.)

6. The higher level Group Report automatically compares ALL session costs, times, and waste figures and shows rankings and averages. It can be used to evaluate, compare, and benchmark individuals and groups.

method for companies with multi-lingual employees in various locations. For example, a trainer in Montréal (French speaking) can supervise trainees in Mexico (Spanish speaking).

In addition, any trainee session can be compared against a "referent" session in terms of production cost, time, waste, and sequence of operations (analysis before action, unnecessary actions, lack of necessary operations…). This referent can be created by the trainer or can be chosen from among other trainees (same or different sites, same or different languages).

If the DMLS user is a trainee, he/she can access the simulator and the user and evaluation/benchmarking reports from their simulation workstation. If the user is a trainer or administrator, he/she can also access the user reports from any device with a browser. The judges commented on the sophistication and its potential as a powerful teaching tool. They also recognized the value of the DLMS being language independent—students can work in any language, instructors in another, and the results can be reviewed in yet a third.

Individual analysis and detailed comparison to referent sessions need simulation stations for their display; this will be available on browser-based devices in future versions.