PEDAGOGICAL FOLLOW-UP

# VULCAN

#### vulcan.mimbus.com

VULCAN revolutionizes the results of virtual training by providing insight to a trainees' skills and control of exercises. Acting as a virtual assistant, VULCAN analyzes your class' progression in realtime and can alert instructors of trainees that need assistance.

VULCAN is a cloud-based management system that communicates with training simulators in an autonomous and user-friendly way.

### BENEFITS

- Improve instructor-trainee communication
- Optimize the instructor's ability to create exercises
- Evaluate trainees' competencies with pretest and posttest assessment
- Reduce failure risks and improve results with accurate data
- $\star$  Motivate a group of trainees with positive competition

#### WHAT IS VULCAN?

VULCAN manages each aspect of a training simulation, not only the exercise that has been completed, but the individual skills and gestures that have taken place.



When a trainee is using a simulator, VULCAN analyzes key information related to their performance in real-time. It tracks precise manual competencies and provides a complete analysis of completed activities at an individual or class level.

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Instructors can modify learning paths and an exercises' parameters. VULCAN releases this information to the simulators, so that each trainee works on an appropriate activity. Exercises can be built using a scaffold approach by layering different skills and building up a trainee's competencies.

VULCAN is a cloud solution, accessible from anywhere and on any platform. Totally open, VULCAN can connect to any virtual simulator and allow the creation of exercises for manual actions.









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Manual trades provide a real personal richness. At the same time, they imply a series of important assets: they promote the acknowledgment of a skill, numerous job positions are opening, wages are attractive, and career evolution possibilities are of great value.

Nevertheless, youths shift away from this type of training, in favor of the tertiary sector. Moreover, cuts in the teaching personnel of training centers imply a too heavy workload for the instructors.

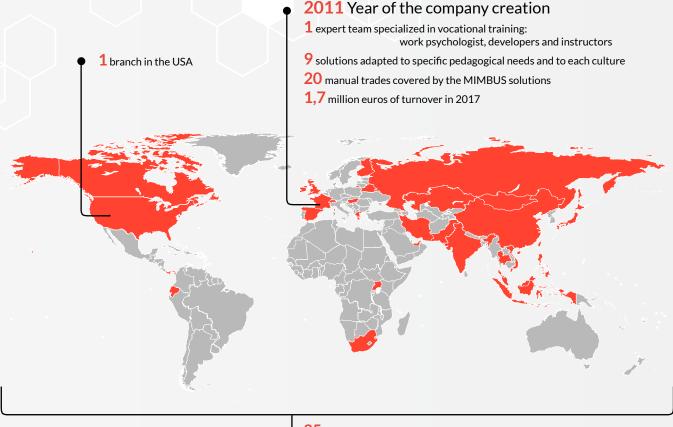
In a society where innovation is increasingly prevalent, MIMBUS has the call of answering to new challenges in vocational training including new technologies.

## **OUR VALUES**

Adjusting the pedagogical approach to adapt to new learning methods

Giving the trainers the necessary resources to free up time and be more efficient

★ Taking advantage of new technologies to increase training attractiveness



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