



### Information Management:

## Computer Based Training, CBT

### What is CBT?

When it comes to learning, each person develops his own individual methods. Some people are visual learners who can easily grasp texts and images; others are auditory learners who learn better through the spoken word. Computer Based Training Programs (CBT) offer a wide variety of teaching methods which can be combined and linked together. It's the right thing for everyone.

Processes and operations which are difficult to describe, as well as graphs and charts can be explained using audio

texts. The inclusion of video sequences makes it easier to grasp the information, because it is presented in a graphic and lively manner.

Using CBT applications, knowledge can be conveyed purposefully, effectively, reproducibly and with motivation.

### Why CBT?

Complex products which require explanations need:

- Correct, efficient training of the user
- Continuous, intensive training during the entire life cycle of the product

With a CBT application, all the requirements of efficient training can be fulfilled.

The advantages of practical learning can also be implemented in a particularly cost-effective manner:

- Learning through examples (inductive learning)
- Learning targets are clearly laid out and direct feedback is provided
- Learning is individualized, with the subject matter laid out in tree form, i.e. you can go back just as easily as you can skip lessons.

The methodical didactic preparation of the learning materials guarantees optimum success. In addition, Computer Based Training is aimed towards adults. The teaching methods have found a high level of acceptance amongst the learners.

In addition to the ability to update the subject matter at any time, e.g. through links to a database, Computer Based Training offers the advantage of reaching the desired learning targets quickly and cost-effectively.

### CBT from the user's point of view

#### A wide variety of methods

- The subject matter is offered from different perspectives
- It is suited to different sensory learning forms (visual, auditory)
- Interaction (the students are challenged)
- Simulation (learning by doing)

#### Individualized learning

- A series of testing programs allow for individualized entry levels
- Tempo, intensity, time and place can be freely selected
- Revision is possible at any time

#### Successful learning with feedback

- The learner can easily see his progress and is motivated to continue onward
- Immediate feedback prevents "learning in the wrong direction"

### CBT from the company's point of view

CBT can convey complex and difficult basic knowledge and practical operational sequences.



#### For example

- Knowledge of the assembly and operation of machines and systems
- Knowledge of electronically controlled operations
- Troubleshooting strategies
- Training for repair and maintenance operations
- and much more



#### Customized through

- Fine-tuning of the content to meet current requirements in all areas of application
- Close cooperation with the company, trainers and CBT developers in the Preparation and set-up phase of the CBT application

#### Costs reduction through

- Training "just in time"
- Elimination of the traveling time for employees
- Many employees trained in a short period of time
- Employee presence in the workplace
- Low cost for further use as an electronic manual or operation/maintenance instructions for your products



#### More advantages through

- Increased customer satisfaction through optimally trained personnel
- Reduction of the workload of after-sales service employees in cases of minor problems
- Accompanying training throughout the entire product lifecycle of a machine/system
- Lower machine downtime and therefore increased productivity