

Lessons Learned From the Trenches of Virtual Training



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What IS virtual training?



what is virtual training

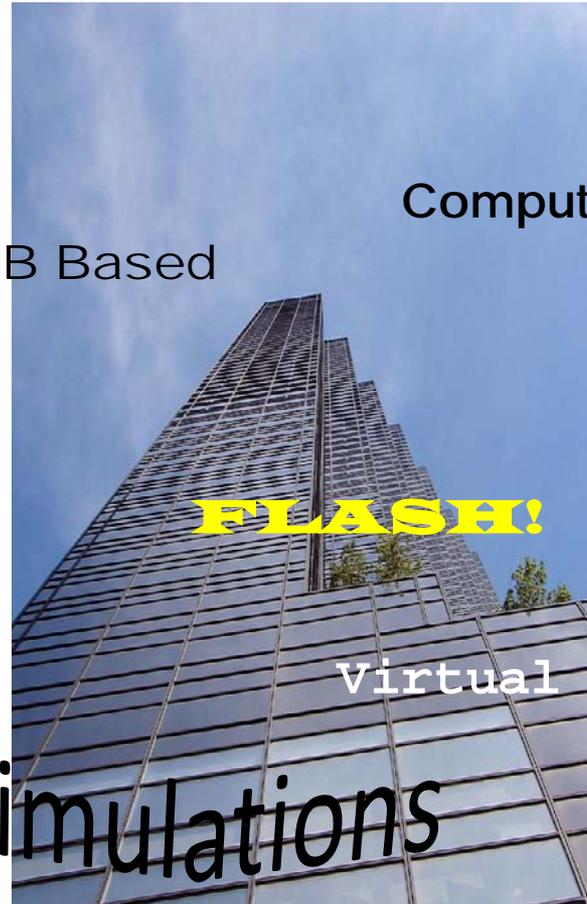
Results 1 - 10 of about 64,500,000 for what is virtual training. (0.31 seconds)

CD BASED

Computer based

WEB Based

Tower of Babel



FLASH!

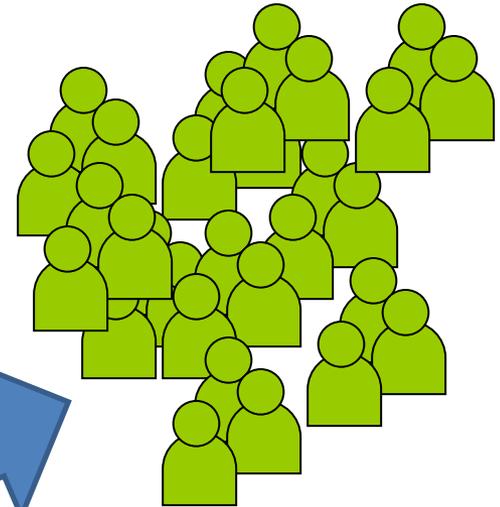
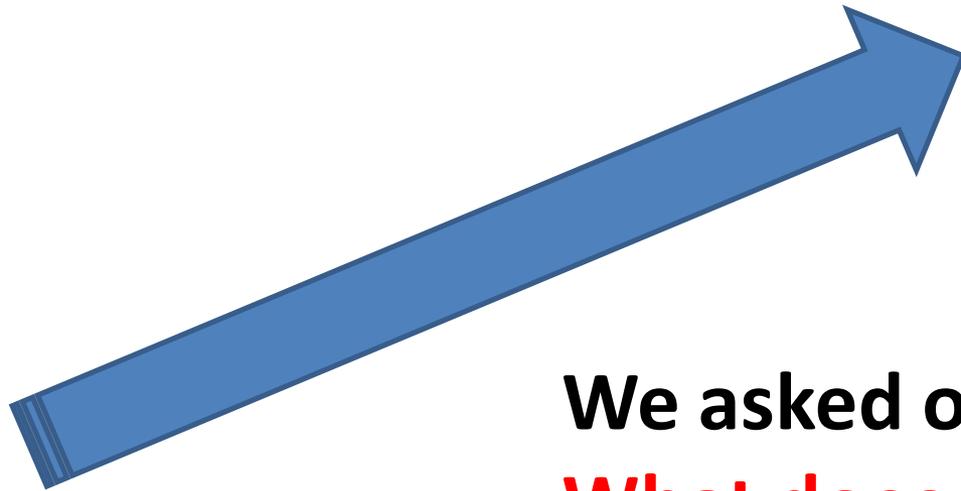
Virtual Machines

Simulations

We thought we knew what virtual training was. Turns out so did everyone else:

Does it have to be Scalable?

The first question we were
ever asked was:
Is it scalable?

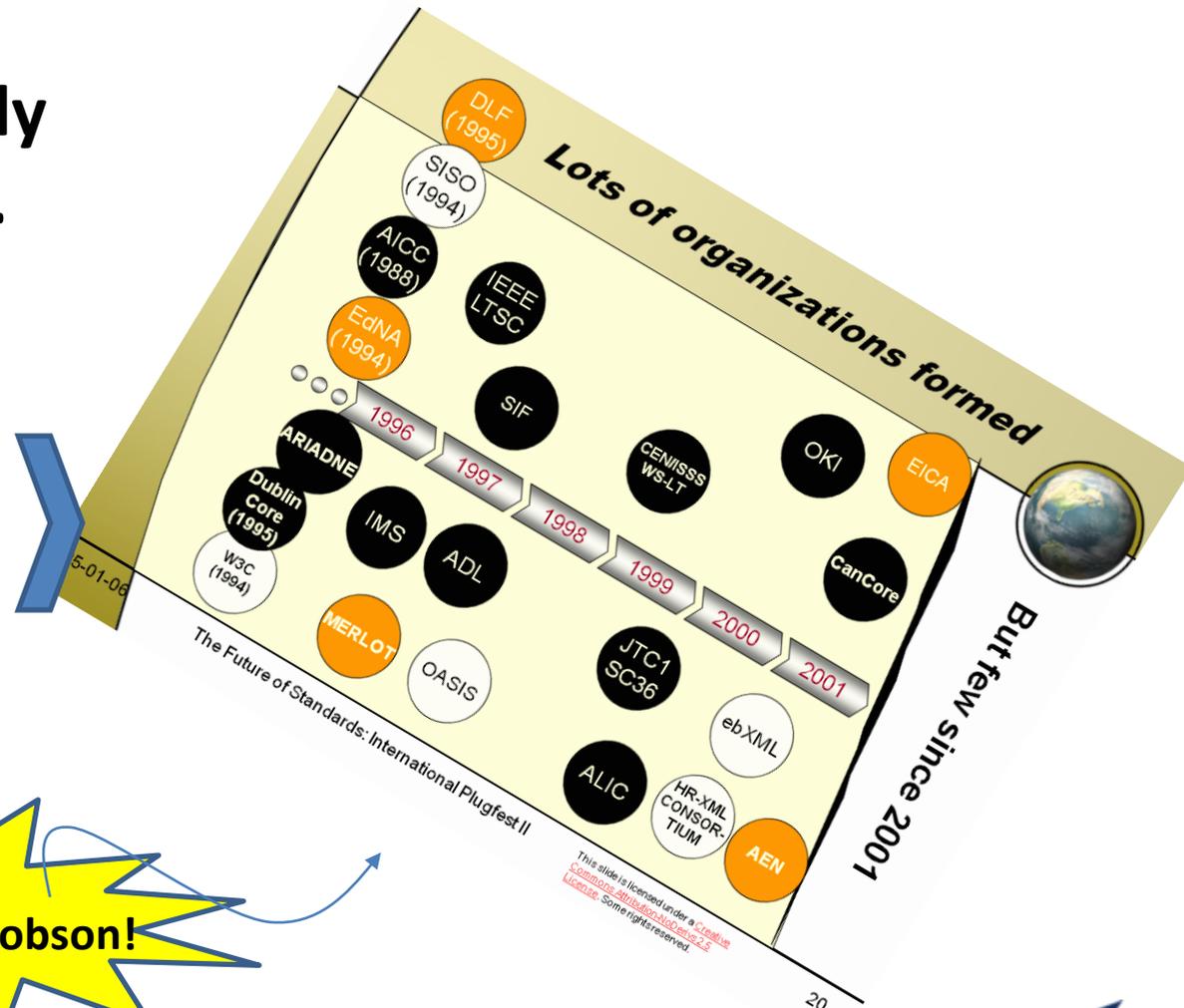


We asked ourselves:
**What does that
mean?**

What about Standards for Training Systems?

➤ We initially ran forward.

Then hit the Brick Wall of Standards



Thanks Robby Robson!

Portability Of Student Records



Buckets of information dealing with Content.

What about the management data like the actual student training record?

What About Resources?

Hardware?



Bandwidth?



Software?



Support People?



Our Version of The Army SURGE!!!

An Army mandate for training a particular course overwhelmed the system:

- Triage – work to distribute the load with AKO and Fort Gordon;
- Define how training records were to be inserted into the 8570 database;
- Post analysis showed slow and inefficient queries and bandwidth constraints.



"Photo Courtesy of U.S. Army"

Redesign!!!

The Course From (Not heaven)



Took on the creation of a hands on training course for a system made up of at least 12 SPARC servers.

- Had to learn how to further optimize our tools including Virtual Machine creation;
- Pull in support from the application developer
 - (and) solve contracting issues;
- Change how many students we could accept until bandwidth and performance was fixed.

What about Social Tools?

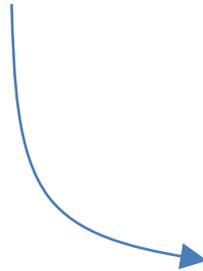


moodle



Definite Pros and Cons

Uncertainty
Perception
Security Concerns



When done properly can broaden the appeal and usefulness of your training program

The Future

More and More demand to move into the mobile training environment.



Consider how to develop your content with a structure that facilitates pulling out the salient information in a mobily-presentable way.

I need reference material on the Flight Line! I want access to my learning points at the place where I will use it!



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