

MiRTLE

MIXED-REALITY TEACHING AND LEARNING

MiRTLE AT A GLANCE

- > Provide online access to your classes
- > Business as usual for your teaching staff
- > Mix real and virtual students in a single location
- > Share your normal teaching with online students
- > Increase the class size whilst retaining the quality

TYPICAL MiRTLE DEPLOYMENT SCENARIO:

- > MiRTLE server integrated into your classroom environment
- > Provide display-boards, projectors, camera, microphone, speakers and smart-boards
- > Integration between live classroom and virtual teaching spaces

VIRTUAL LEARNING LABS WILL:

- > Develop, build and deploy a custom installation in your classroom
- > Remotely maintain this installation for you
- > Provide all necessary documentation, training and support
- > Provide customization and upgrade services

With MiRTLE your staff can use all of the facilities in the lecture room that they are already familiar with, such as presentation materials, whiteboards and display projectors. MiRTLE provides an interactive live wall-board in the class which allows the local teacher and students to see and interact with the remote virtual students. Remote students can raise their hands and ask questions, text-chat with the class and use a rich spatialised audio interface which allows them to speak to the class and hear everything going on in the classroom.

Virtual students also see the presentation slides as they are being given by the lecturer. When MiRTLE is connected to a compatible smartboard, the teacher can share their work on the whiteboard with both the local and remote students. MiRTLE provides much wider access to your teachers and classroom events, enabling the teachers to do what they know best—teach!

Oracle Student Learning's mission to personalize learning for every child is made more possible through partnering with the leading edge of immersive learning platforms such as [VLL's] MiRTLE to captivate and engage today's digital kids.
— Kevin Roebuck,
Director, Education Solutions,
Oracle Corp.

VLA

VIRTUAL LEARNING APPLIANCE

VLA AT A GLANCE

- > Complete virtual world in-a-box
- > Installed and maintained within your IT infrastructure
- > Highly secure
- > Virtual world customized to your specifications

TYPICAL MiRTLE DEPLOYMENT SCENARIO:

- > The VLA appliance installs easily as a preconfigured server in your IT environment
- > Client installation through proven reliable Java Web Start technology
- > All necessary documentation, training and support provided with the installation
- > Customization and upgrade services tailored to your needs

The VLA allows an organization to host its own virtual world in a customized, secure and extensible manner. Unlike subscription services your VLA is installed within your IT infrastructure and can leverage your security infrastructure to provide a secure environment in which participants can freely interact. The VLA can be installed with alternate virtual world platforms and the organization can elect to use widely distributed platforms such as Open Wonderland, OpenSim or realXtend. Each VLA comes complete with a set of off-the-shelf virtual worlds which can be extended to meet your organizations specific needs. Depending on the virtual world platform being used, the VLA can provide high fidelity sound, shared applications and portals to other virtual spaces.

The VLA allows training organizations of all types to begin the transition from asynchronous online training scenarios to high interactive geographically distributed training environments. VLA's are particularly effective platforms for education institutions which have capitalized on virtual worlds technology but want to make the transition to a secure low cost solution which is completely under their direction and control.



PROFESSIONAL SERVICES

VIRTUAL LEARNING LABS DESIGNERS, ENGINEERS AND SCIENTISTS

PROFESSIONAL SERVICES AT A GLANCE

- > Customization to your particular application requirement
- > IT infrastructure integration services
- > Custom developed virtual worlds
- > Pedagogical services to enable effective integration to existing curriculum or training
- > Custom three dimensional artwork creating life-like recreations of existing or proposed environments

TYPICAL PROFESSIONAL SERVICE ENGAGEMENTS

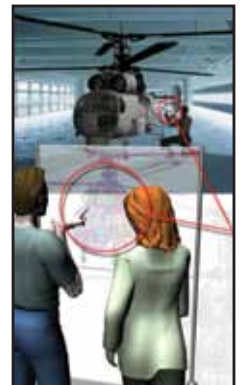
- > Develop custom virtual learning environments for educational, governmental and industrial clients
- > Develop recreations of buildings, plant and equipment to allow geographically distributed teams the opportunity to “walk-through” proposed changes
- > Develop hazardous conditions scenarios for training emergency personnel in evacuation and rescue techniques

VIRTUAL LEARNING LABS WILL:

- > Work with your organization to develop custom solutions using the appropriate virtual worlds platform
- > Conduct technology transfer whenever practical
- > Provide all necessary follow-on documentation and support

Virtual Learning Labs Professional Services will conduct an implementation to your exact specifications. We specialize in “turn-key” solutions to the most difficult technical issues in implementing virtual world solutions in organizations ranging from education institutions and government agencies to multi-national corporations. Our clients have been uniformly pleased with the outcomes of our engagements and our repeat business is the highest in our industry.

We have particular expertise in the application of this technology in large scale industrial, educational and government applications. Our pedagogical consultants are world class and our development team is the finest of its type.





We supply a customized Virtual Learning Appliance to meet your specific needs. All Virtual Learning Appliances ship with a modular training facility, custom branded with client specific artwork.

We recognize the importance for customers to manage and control their computing infrastructure, while retaining flexibility for developing and deploying new services.

Our staff trainers are knowledge transfer experts, proven educational professionals who hold degrees in education and come to you with years of real-world, in-the-field experience.

VIRTUALLARNINGLABS.COM

Virtual Learning Labs is proud to partner with leading-edge developers including Oracle and Capgemini.



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VIRTUAL LEARNING LABS

Global Virtual Co-Creation