

Virtual Maintenance Training Center™

Hands-On Training at a Distance

"The Virtual Maintenance Training Center is a realistic distance education platform that gives learners practical automotive trouble-shooting and repair skills via the Internet."

An automotive maintenance training workshop is enormously expensive to create, operate and maintain. Any opportunity to reduce facility costs – while preserving skill levels – will deliver substantial returns to training center managers and owners.

Slash Training Costs!

The Biographix Virtual Maintenance Training Center is for automotive technicians and apprentices who need to practice and update their diagnostic and troubleshooting skills. The virtual workshop is equipped with engines that have full electrical and electronic functioning along with a complete set of virtual diagnostic instruments.

Instructors can introduce engine faults in a number of ways and challenge the student to diagnose the faults on-line.



Overall VMTC Interface



Simulated Test Equipment

Complete Simulation

Built using the Biographix ISLE simulation technology, the Virtual Maintenance Training Center delivers an accurate "real-time" touch and feel of a real workshop.

Challenge:

- Reduce time and set-up costs for workshop sessions
- Enable timely training for automotive electronic fault diagnostics
- Cut technician absences for skills updates
- Deliver individualized instruction to group members
- Improve access to practical training resources
- Deliver practical distance learning to students without workshop access

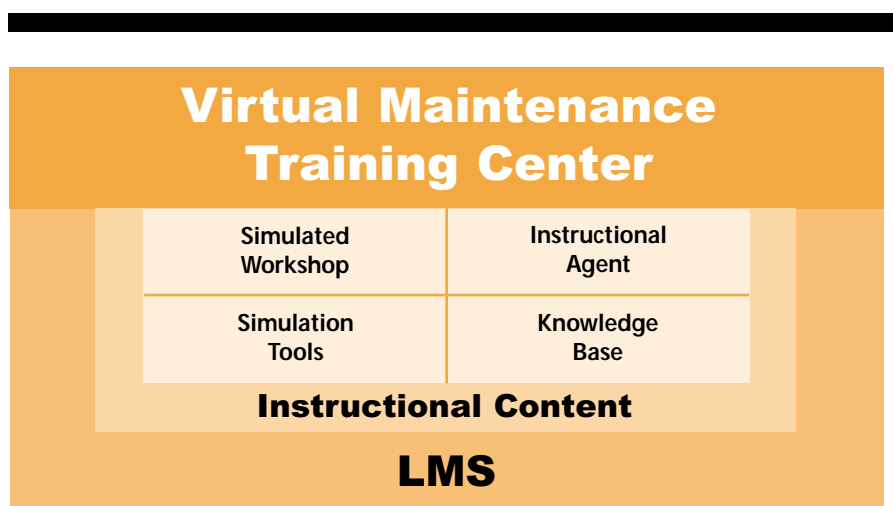
VMTC Benefits:

- Physical Training Centers utilized more effectively by moving classes to a virtual environment
- Technicians observe and participate in all activities as if they're at the front of the class
- Improved competitive image of dealers thus encouraging staff retention
- Improved image of the automotive industry for attracting new apprentices
- Non technicians can be cross-trained on workshop activities (reception staff, managers, sales reps...) without risk or loss of workshop time
- Learners set their own level of instruction: **Show Me, Coach Me, Practice**

“ What I hear, I forget;
what I see, I remember;
what I do, I understand. ”

- Confucius 451 BC

Much more than an e-Classroom... Get the e-Workshop too!



Simulated Workshop	All tools found in a training workshop, plus practice vehicles with faults. All graphics use real-time imaging for a realistic workshop experience.
Simulation Tools	ISLE infrastructure to support rapid customization for new tools, components and vehicles. Updates can be uploaded quickly without program reinstallation.
Instructional Agent	Programmed logic that responds to the learner's activities. The learner requests one of three levels of assistance: <i>Show Me</i> (the system demonstrates), <i>Coach Me</i> (the technician is coached through the session), <i>Practice</i> (the student works without guidance). Workshop Help is available at any time, regardless of level. Also, the technician will be warned when an action would be hazardous to humans or to equipment.
Knowledge Base	The stored logic of the tools and engines can be refreshed independently as procedures, components and models change, and as new repair knowledge becomes known.

Complete and Integrated Solutions

The **Virtual Maintenance Training Center** is delivered as a total package, or can be integrated smoothly into an existing LMS. Alternatively, the **Virtual Maintenance Training Center** will be hosted by Biographix for a complete turn-key training operation.

Installation Options:

- **At your Site:**
A complete standalone e-Learning resource. Includes the Biographix Learning Management System (LMS).
- **Selected modules:**
Designed for integration into an existing LMS.
- **Outsourcing:**
Complete support and hosting on Biographix-administered servers.

Biographix LMS

- **Learning Tools**
 - Course Resources
 - Collaboration
 - Facilitator Center
 - Student Management
- **Administration**
 - Course Management
 - Content Management
 - Instructor Management
 - E-Commerce Store

Demonstration CD: Call Biographix Business Development at **416-516-0071** or send email to **business@biographix.com**