



**agility3**  
modelling and simulation

- Engaging
- High Quality
- Cost Effective

## Interactive Maintenance Training

# Accelerate learning, reduce cost and improve knowledge retention with Agility3 Interactive Maintenance Trainers

### Training a new generation

Maintenance Training has turned a corner into the virtual world.

Gone are the traditional methods of Maintenance Training that overwhelm a student with complex, static diagrams, which can also frustrate and constrain the instructor. This can lead to an absence of 'practice by doing', which takes away the ability to cement knowledge in the mind of the student and impedes the retention of key points. Practice on real equipment, although sometimes helpful, can be prohibitively expensive and even dangerous. Demonstrating the symptoms and effects of a range of faults and scenarios can be very difficult if not impossible.

Built using the latest gaming technology, the Agility3 Interactive Maintenance Trainer technology is designed and engineered specifically to meet your training need. Our Interactive Maintenance Trainers give each and every student access to simulated equipment in a safe and engaging virtual environment that encourages learning.



Students can familiarise with the equipment as well as diagnose and correct a range of potential fault scenarios on a computer based representation that both looks like and behaves like the real equipment. Putting their knowledge into practice, performing the tasks and learning from their mistakes in a safe environment gives your students the knowledge and confidence they need to perform in the real world.

Where required, our Interactive Maintenance Trainers can integrate with a Learning Management System and can be designed for access over the internet or to run on mobile platforms such as iPad or Android devices.

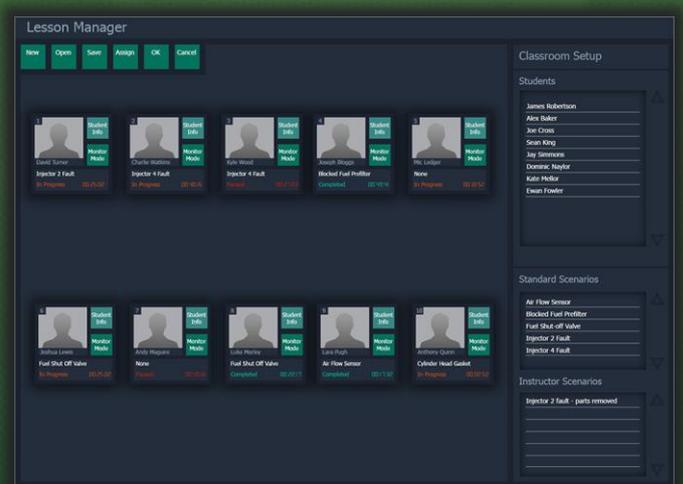
### Like having the real equipment on your desk

The highly realistic behavioural and visual models at the heart of each Trainer allow the student to interact with the equipment in a natural and realistic way without being constrained to predefined sequences. The simulated equipment reacts faithfully to the actions of the student just like the real equipment.

Students can power up the equipment and observe fault symptoms. Diagnostic tools can be used to get extra information. Based on the information available the student can then formulate a plan for fault diagnosis. Checking items one at a time in a logical sequence, the student can determine the cause of the fault. When the faulty component has been identified the replacement procedure can be followed. A retest will then confirm whether the fault has been resolved.

Throughout each lesson the system logs all equipment checked and replaced, so the student needs to think carefully about the process rather than simply replacing everything until the fault is resolved.

### Instructor lesson management



Our Interactive Maintenance Trainers are designed to make life easy for your instructors too. A key part of each Trainer is the Instructor Lesson Manager tool. Here, your instructors can configure and monitor their lessons. They are able to track the progress of each and every student and record their assessment.

Contact us to find out more about how Agility3 Interactive Maintenance Trainers can help you deliver training for the new generation.