



أكاديمية الإمارات للمحاكاة
EMIRATES SIMULATION ACADEMY
A subsidiary company of Al Qudra Holding p.j.s.c.



Market: Power and Energy

Customer: Emirates Simulation Academy

Problem: The Client has a critical need for trained employees on use and maintenance of power / energy creation (oil and gas) systems. They wanted a web-deliverable solution using best-available technologies for training and education on complex products, processes and systems.

Solution: Bridgeborn developed and deployed an online Training Delivery Platform (TDP) which includes Learning / Content Management System with Single Sign-On (SSO), student tracking and trainer / super-trainer roles. Interactive, 3D training tools were developed for system level (i.e. gas turbine) and component level (i.e. valves, pumps) visualizations. The TDP also integrated with high fidelity simulations and represented them through an interactive, 3D graphical user interface (GUI). The overarching framework allows for extensibility to include additional content, new systems, integration with other simulators and reuse in 70+ languages.

Value to Client: The Training Delivery Platform provided client with an end-to-end solution that increases the effectiveness and retention of training, reduces time to educate students through use of best in class technologies and allows for global distribution of courseware and curriculum.

| Services Provided | |
|-------------------|--------------------------|
| ✓ | Analysis |
| ✓ | SDE&I |
| ✓ | Data Visualization |
| ✓ | Support Services |
| ✓ | Training and Education |
| | Research and Development |

