

Desktop Rail Trainer

simulation system for today's railway



Rail Trainer is a new desktop 3D training simulator for Signalling, Cab Safety Systems and Operating Procedures. The Rail Trainer system includes a customised driver console and 3D virtual driving cabs tailored to each operator's individual requirements. Configuration of routes and training sessions is based on a reusable library of "intelligent components" such as signals and trackside animations. This provides a fast and cost effective method of producing a wide range of simulator content and

training material. This content can then be extended or easily amended as future training requirements dictate.

AWS, TPWS, DRA and the Vigilance Systems are simulated on-screen and interact with the driving console and connected foot pedal. This provides a dynamic and engaging introduction to these safety systems while reducing training costs.



A unique feature of Rail Trainer is the ability to move around and even leave the virtual cab to explore the 3D route and environment. This provides trainers with a method of demonstrating scenarios and safety issues from a completely new perspective. Combined with accurate models of fully-signalled real routes and custom-built exercises, the Rail Trainer is an exciting step forward for driver training.

E Learning for the future



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