RS
RESPONSE SIMULATOR

Aviation Content & Functionality Package

VSTEP

An Increasing Need for Virtual Safety Training in the Aviation Industry

With global passenger numbers expected to reach 8.4 billion passengers by 2037 according to the latest International Air Transport Association (IATA) report, the need for safety measures is becoming more apparent. A crucial aspect of enhancing safety capabilities is enhancing expertise of safety personnel, through the introduction of training exercises. To maintain high training standards within airport grounds and enhance safety awareness, more airports across the world are becoming interested in the possibilities that virtual training offers to their safety teams.

Learning in a virtual environment reduces training duration by 25% while increasing training retention by as much as 4 times.

- IATA, What Virtual Reality (VR) means for Ground Operations

The main driver for investing in virtual training is that it makes training safer, cheaper and more effective. Moreover, the immersive aviation environment provides the access to scenarios, locations and equipment that are challenging to experience in real life.

Training Solution

Response Simulator (RS) is an advanced virtual training platform built in collaboration with safety and security experts. By using state-of-the-art technology RS immerses users in a realistic 3D environment in which almost any scenario can be simulated. This allows training to take place whenever and wherever, bypassing the high costs and dangers associated with practical training.
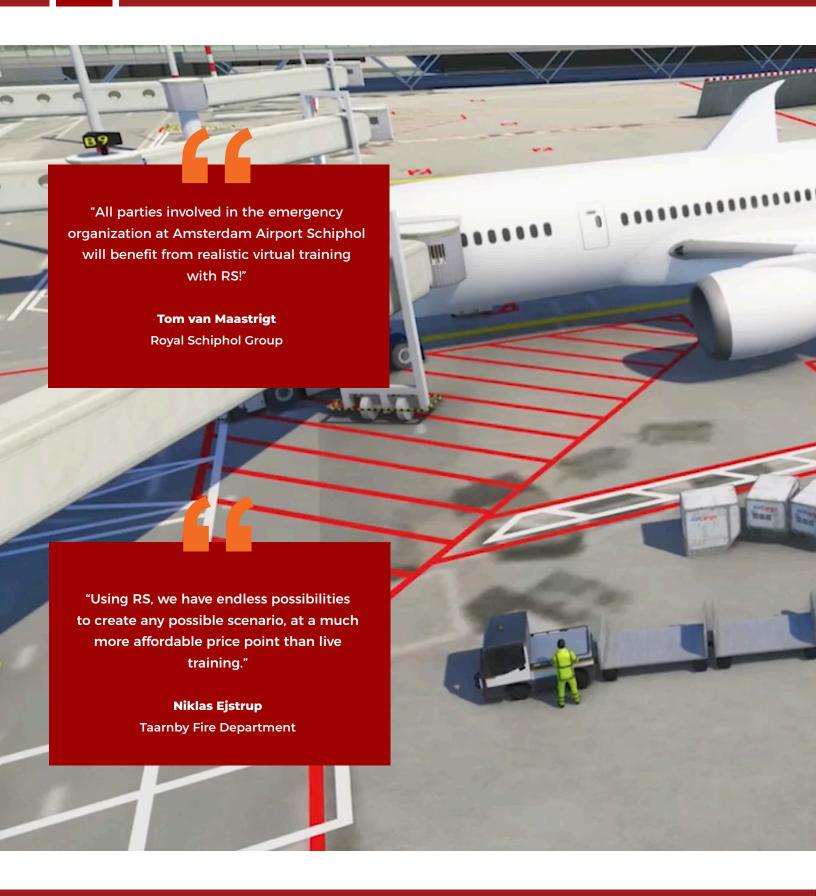
Key Benefits

- **Enhanced capabilities** - Create detailed scenarios using a range of powerful and easy-to-use creation tools.
- **High Ecological Validity** - Choose functionality and content to suit your sector and training goals.
- **User Centric Design** - Simple, intuitive interface allows non-technical users to quickly learn and operate RS.

Aviation Content Package

The aviation package in Response Simulator allows trainees to immerse themselves in a safe and cost-effective environment and be able to experience multiple types of aircrafts, airport objects and weather conditions while conducting safety inspections and responding to dangerous situations. The use of RS will support any organization's goal of improving safety and training efficiency.

RS can be used to train for a variety of incident scenarios including airplane clashes, airport vehicle collisions and runway incursions among others. Simulated airport environments also allow training on correct airside driving procedures, security surveillance and runway checks.

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> "All parties involved in the emergency organization at Amsterdam Airport Schiphol will benefit from realistic virtual training with RS!"
>
> **Tom van Maastrigt**
> Royal Schiphol Group

> "Using RS, we have endless possibilities to create any possible scenario, at a much more affordable price point than live training."
>
> **Niklas Ejstrup**
> Taarnby Fire Department

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About RS

Response Simulator is a product of virtual training and simulation developer VSTEP Simulation, an ISO9001:2015 certified company based in Rotterdam, the Netherlands. We aim to train people for a safer world through the use of advanced products that serve existing markets as well as new markets not yet familiar with the benefits of simulation.

Our six leading product development principles are all geared towards optimally satisfying our users. We strive for transparency, quality, reality, efficiency, flexibility and versatility. By listening to our users, we create products that are built to optimally cater to their unique needs.

Our clients include:

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