



France

Egis and Immersive Factory launch the first virtual reality training module for motorway patrollers

Egis et Immersive Factory, a French start-up specialising in the design of virtual reality training courses in HSE (Health, Safety, Environment), have jointly developed a learning module to train motorway patrollers using virtual reality technology.



Real-life situations in virtual conditions

As part of Egis's contract to operate the A63 motorway between Salles and St Geours-de-Maremne in the southwest of France on behalf of the concession company Atlandes, patrollers can now get trained up in motorway safety and callout procedures by simply donning a virtual reality headset and picking up handheld controls.



The experience begins with total immersion in the working environment, where the surrounding conditions such as traffic noise, vehicle speed and weather events have been reproduced in very realistic detail. Behind the wheel of their virtual vehicle, the patroller spends a few minutes exploring their environment before coming across a random incident such as a broken-down vehicle, an object in the middle of the road or a serious accident causing injuries or involving hazardous substances.

As in a real-life situation, the patroller then has barely a few seconds to make the right decisions in this emergency situation: where should I park my van? What light signage should I use? What warning signs and markings should I install?

With this digital and pedagogical tool and in almost real-life conditions, Egis and its partner Immersive Factory can therefore test patrollers on their knowledge of procedures but also on how they deal with stress.

Innovation to improve safety

Through this innovation, Egis harnesses technological progress to improve the safety of workers and motorists on the road. As safety is a matter for all, our Group extends the benefits of this innovation to all motorway stakeholders thanks to the training module supplied through the Immersive Factory website.

All the new patrollers tasked with working on the A63 will obtain certification on completion of this course. As for experienced patrollers, they will be able to follow this training module twice a year to keep their knowledge up-to-date. In all, no fewer than 34 patrollers and six team leaders will receive training between September and December 2019. We are also planning an awareness-raising exercise aimed at the 60 other employees in our company to help them gain a better understanding of the job of patroller.

Immersive Factory

Immersive Factory has developed the world's first-ever platform of virtual reality training exercises in occupational health and safety. The firm creates the majority of the content of this platform in association with major corporations (including Veolia, Volvo, Colas, Saint Gobain, Suez, Air Liquide, Engie, Aviva and Vinci). These exercises, made available for downloading on the platform, revolve around real-life situations and leverage the benefits of active education: thanks to virtual reality, the learner becomes the main player in their own HSE education. "You remember things better when you experience them" but also when you can sense them – is an apt way to sum up our vision of learning.

About the Egis group

IMAGINE. CREATE. ACHIEVE.
a sustainable future

Egis is a major international group in the construction engineering and mobility services sectors whose unique global service range encompasses infrastructure consulting, engineering and operation. Through our capacity for innovation, we respond to the climate emergency and to the greatest challenges of our time by offering solutions and acknowledged know-how in the areas of transportation and mobility, sustainable city construction, buildings, water, the environment and energy.

A 75%-owned subsidiary of Caisse des Dépôts, with the remaining 25% held by partner executives and employees, Egis Imagine a sustainable future, working for populations and social progress.

€1.13 bn managed turnover in 2018
15,000 employees

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