

# Next stop: In-house XR.

Six months to hyper-realistic VR training and in-house XR capability.

*Right here. Right now.*

NS transports over a million Dutch railway passengers every day, so safe, effective training for their conductors is essential. At the same time, the client was keen to embrace Extended Reality (XR) after proving its potential during previous innovation. We were able to bring the two together, by working with NS teams to build full in-house XR product capability, and creating the first proof point in under six months: a VR training application for chief conductors.

Now, NS can design, develop, and manage XR applications independently while ensuring the security, compliance, and technical foundations needed. And thanks to our proven modular solution, they are ready to scale the technology across the organization.

In practice, instead of relying on aging physical simulators in a single location, conductors can train in immersive virtual environments that replicate real-life scenarios, including everything from routine departures to operational disruptions. But the impact goes far beyond one training solution; NS now has the modular XR platform, internal expertise, and organizational momentum to expand immersive technology across operations, making XR a powerful engine for express innovation right across the railway network.

