HMI WIDGET & SIMULATOR STARTER KIT

A new generation of in-vehicle user experiences

How we helped ⓘ slim engage grow

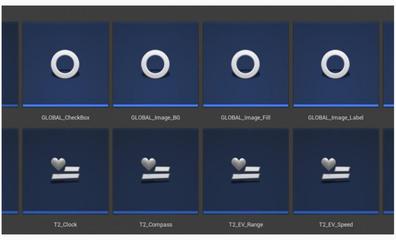
Epic Games and Launch by NTT DATA joined forces to create an HMI tool for the Unreal Engine, enabling first time and veteran Unreal users to kickstart their HMI (human machine interface) design efforts as frictionless and effectively as possible. Our Automotive HMI Starter Kit delivers an expedited workflow for the creation of instrument clusters in Unreal along with an environment to test the interface. With UI templates, real-time data inputs, and material controls, this kit provides a quick and flexible platform for custom HMI design. This allows automotive teams to safely conduct realistic tests to validate their ideas inside a custom 3D vehicle environment, or simply share concepts for presentation purposes.

Jump right in

10+ pre-built instrument cluster templates, including: EV/ICE common templates, two switchable color schemes (light and dark), and instrument layout guidelines.

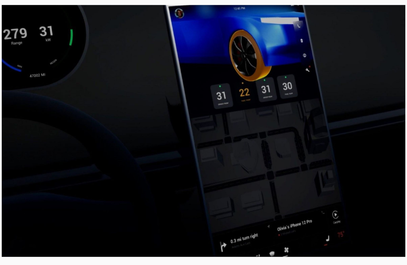
Real-time data inputs

50+ variations of customizable widgets with real-time data inputs, including global text and image, speedometers, tachometers, fuel and battery life meters, and power regeneration meters.



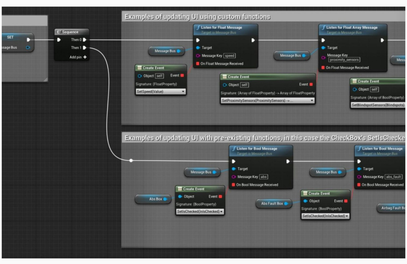
Robust asset library

Asset library designed and organized for simplicity and reusability, including various pre-set material and parameter collections, telltale library, center console/ infotainment and vehicle health widgets, animation system for boot-up and shutdown sequences.



Virtual environment

Full environment and vehicle simulator modular street system, including city and residential buildings and customizable event triggers.



Built Up Cockpit (BUC) simulation

Easily deploy to multiple screens to test your layout and overall experience. Multi-display support including the use of mobile devices as displays over Wi-Fi.

THE IMPACT

Launch believes in the power of user-created content and visions. By making such a tool freely available to the great design and developer community of Unreal Engine, we are excited to see what great experiences come out of the HMI Starter Kit.

Get the kit

Download the Automotive HMI Starter Kit in the Unreal Marketplace.

Download now