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**For immediate release**September 18<sup>th</sup>, 2024**Cruden Unveils Revolutionary RoRa 3-DOF Primary Motion Base at DSC 2024**

*Cruden, proudly introduces the new RoRa 3-DOF Primary Motion Base. The RoRa base is designed to enhance the workspace of the Cruden simulators in surge, sway and yaw, and offers a unique integration of motion and visual system.*

Cruden is an independent driving simulator system integrator that collaborates with specialists in visual and motion systems. The company sources standard motion systems from its partners but also works closely with them to specify, design, and build bespoke motion systems tailored for OEMs and motorsport teams. The RoRa system is the latest example of an exclusive collaboration, with Cruden providing the driving simulator requirements and its partners contributing their motion system expertise.

The RoRa system stands out in several ways. The 3-DOF primary base can be combined with either 3- or 6-DOF secondary motion systems, which can be selected based on bandwidth, as the RoRa base efficiently manages the workspace for surge, sway, and yaw movements. In addition, its elegant design is cost-effective, easy to install and requires minimal maintenance.

Thanks to the payload capacity of the RoRa base, the visual system can be mounted on the RoRa platform, while remaining isolated from the high-bandwidth secondary motion system. This innovative integration of motion and visual systems ensures a consistent field of view and resolution, while still accommodating large excursions in surge, sway, and yaw.

Maarten van Donselaar, CEO of Cruden, commented: "The RoRa system exceeds expectations in every way, offering a revolutionary approach to driving simulators. It enables car manufacturers and motorsport teams to push the boundaries of vehicle design, preparing their prototypes for real-world challenges with unparalleled precision and realism. RoRa is a testament to our commitment to innovation and focus on features that truly matter."

For more information on the new RoRa 3-DOF primary motion base and Cruden's range of driving simulator solutions, visit [www.cruden.com/engineering](http://www.cruden.com/engineering).

**Media Contact**

Dennis Marcus

[d.marcus@cruden.com](mailto:d.marcus@cruden.com)