

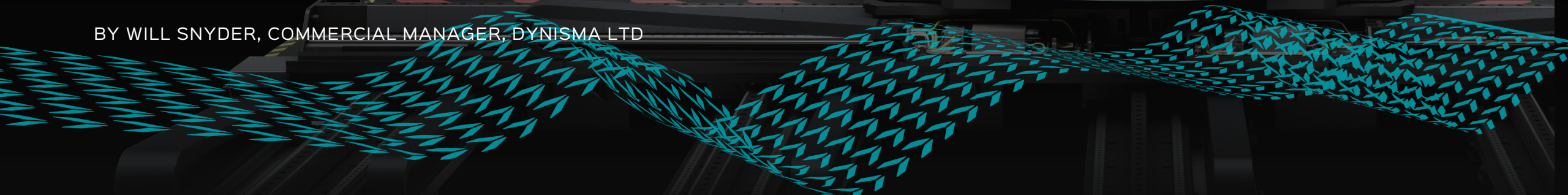


# INFINITE YAW, INFINITE POSSIBILITIES

CONTINUOUS DISRUPTION IN DRIVING SIMULATION



BY WILL SNYDER, COMMERCIAL MANAGER, DYNISMA LTD



# DIFFERENTIATED BY MOTION

- Dynisma supplies turnkey simulators to Automotive and Motorsport customers using our expertise in design, manufacture and use of simulation
- DMG is a multi-patented next generation motion technology and represents a novel yet proven approach to DIL simulators
- Our Open Architecture systems approach allows us to offer Simulation Systems which are tailored to the customer's preferred choice of modelling software, visuals, mockups etc. including use of our partner network



## PEOPLE

With nearly 100 staff, Dynisma has developed a world-leading team of experts in driving simulation.

Our winning team design, develop, manufacture and innovate our systems, whilst providing exceptional support before and after sales to ensure our customer's success.

## TECHNOLOGY CAMPUS

Dynisma's expanded all operations into a new purpose-built Technology Campus early this year.

The new campus provides our growing team with facilities for engineering, research, manufacturing and operations all on one site, whilst also providing the ideal setup to host Dynisma's customers at the new Demonstration Centre.



## CUSTOMERS

Dynisma now supply major players in the Automotive and Motorsport industries.

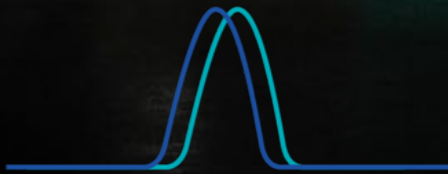
From Ferrari F1 to McLaren Automotive, global brands have recognised the strengths of Dynisma, which now boasts a global customer base and an international distributor network.

**DYNISMA**<sup>®</sup>  
MOTION SIMULATION REDEFINED

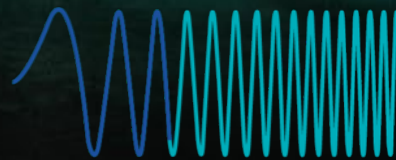
DYNISMA  
**DMG360X**  
AUTOMOTIVE

DYNISMA  
**DMGX**  
AUTOMOTIVE

DYNISMA  
**DMG**  
AUTOMOTIVE



3-4ms  
**LATENCY**



100Hz  
**BANDWIDTH**

**DYNISMA**<sup>®</sup>  
MOTION SIMULATION REDEFINED

**DYNISMA**  
**DMG360X**  
AUTOMOTIVE



MISCUES  
PERFECT  
MOTION

1:1  
ACCELERATIONS

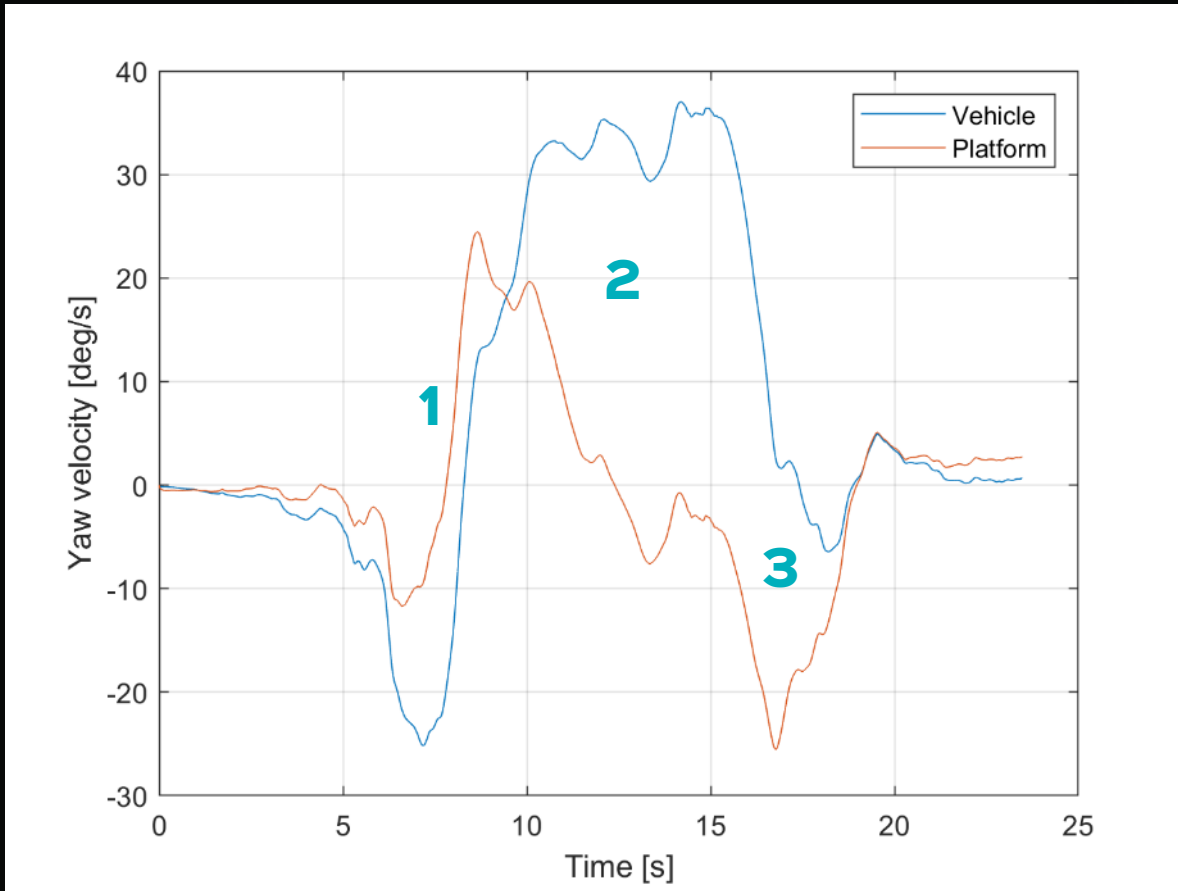
LARGE  
EXCURSIONS

EXCURSION  
LIMITS

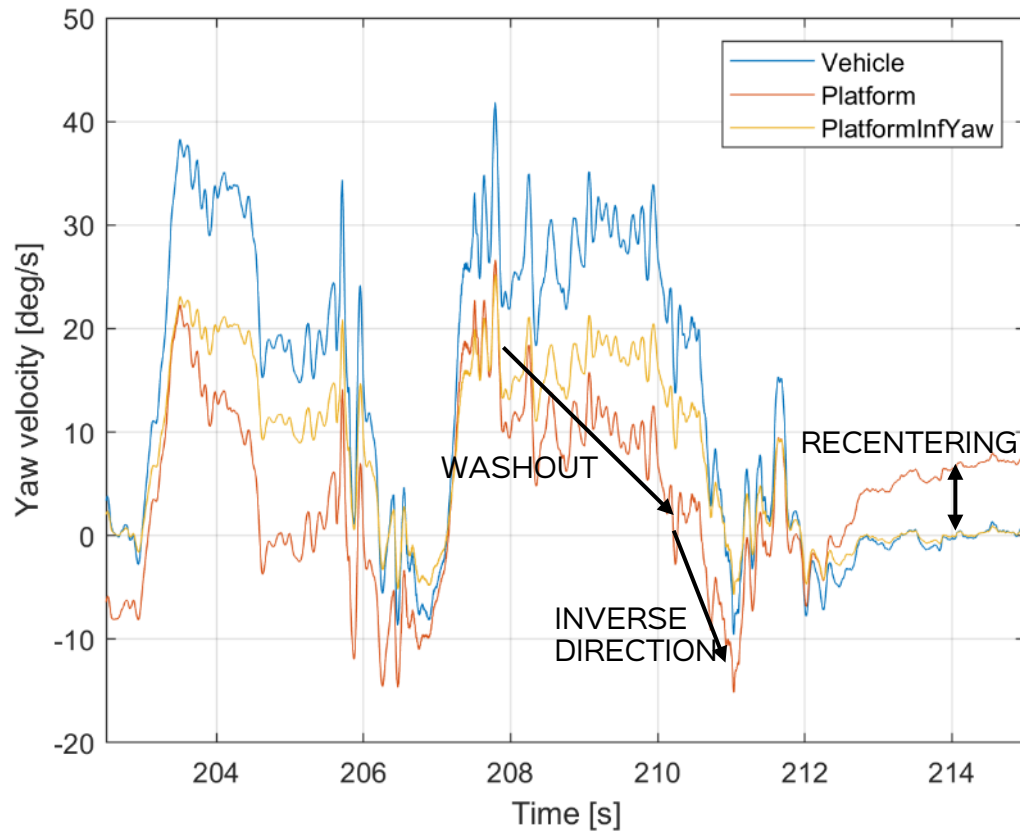
WASHOUTS &  
RECENTERING



# LIMITED YAW CORNER

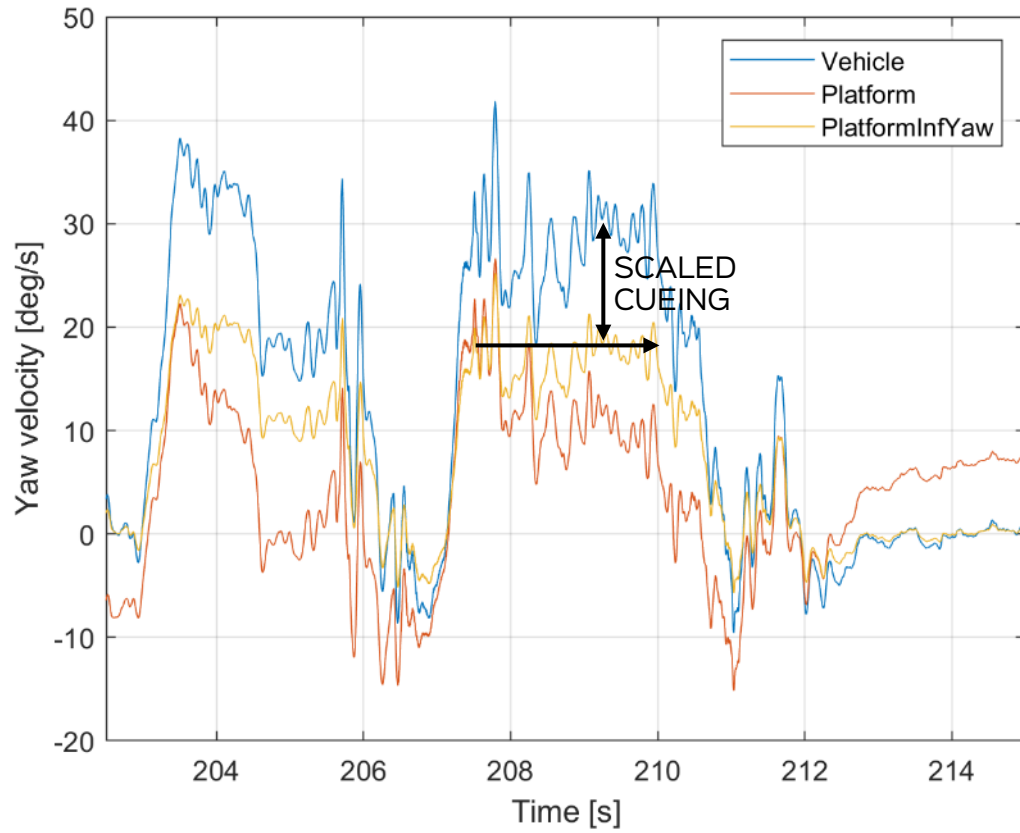


# INFINITE YAW CORNER



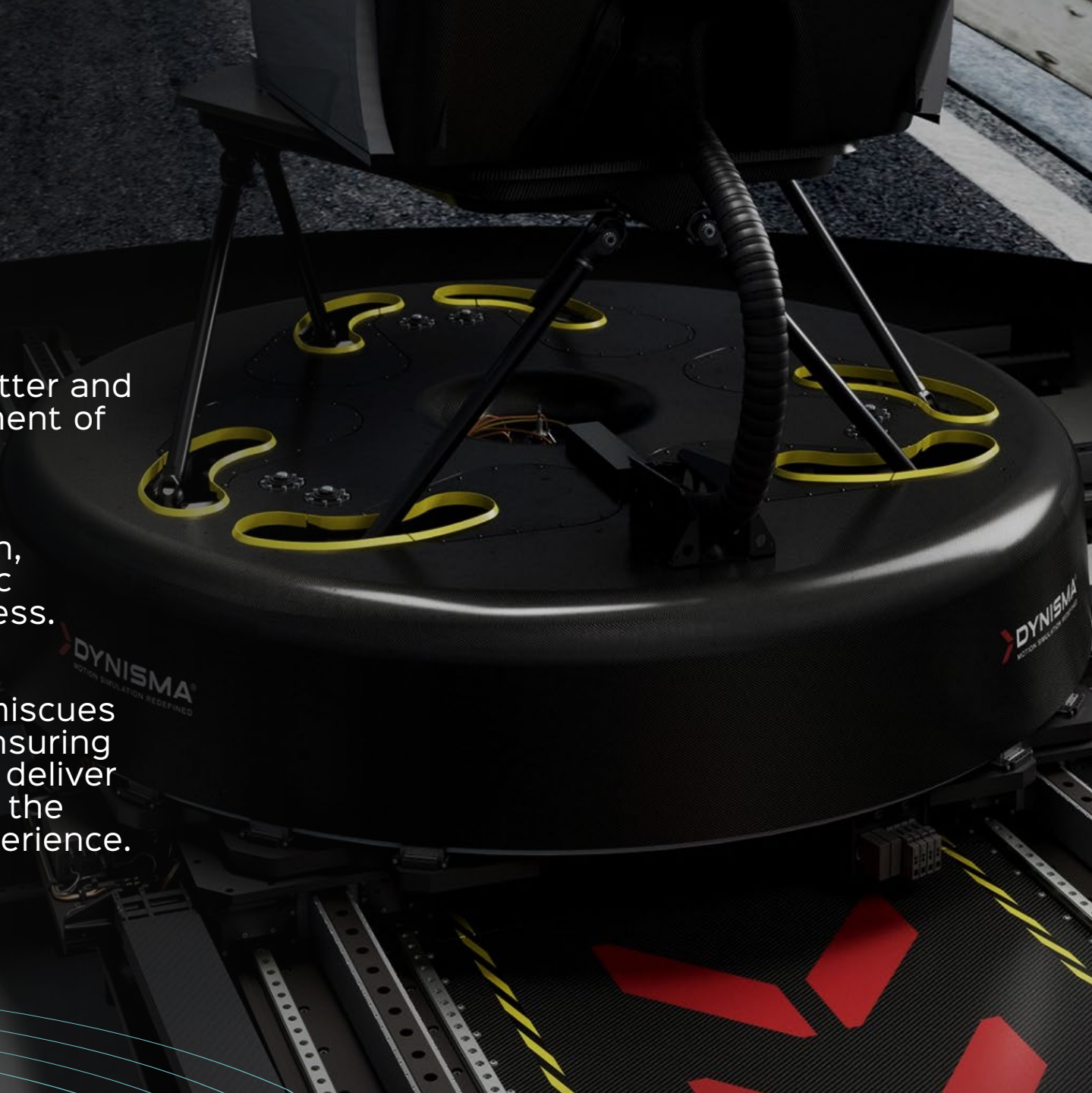


# INFINITE YAW CORNER



# CONCLUSIONS

- Dynisma's DIL simulators will support the development of new vehicles – faster, better and at lower cost, and facilitate the development of bold new concepts and technologies.
- The essential improvements in bandwidth, latency, signal to noise ratio and isotropic motion delivery are fundamental to success.
- Infinite yaw capabilities eliminate major miscues from washouts and recentering, whilst ensuring that yaw excursion is always available to deliver essential cues to the driver – resulting in the most immersive and accurate driving experience.





 **DYNISMA®**

Drive it yourself and define the requirements of your own simulator

 **DYNISMA®**  
MOTION SIMULATION REDEFINED