

HORIBA MIRA

Full cybersecurity engineering and process for Verne

Case Study Overview

Verne, a European customer, was developing a novel new smart mobility platform with level 4 autonomy and needed support for the cybersecurity requirements for both engineering and processes.

Verne needed a team who could deliver the cybersecurity activities at the necessary scale, respond quickly to changes on the project and keep focused on the overall objective, while being flexible on scope changes.

Successes and Benefits

- Planning and implementation of processes for CSMS and SUMS to meet UNECE regulations to allow compliance demonstration in sufficient time for Type Approval.
- Development of full cybersecurity engineering programme inc. TARA, Cybersecurity Requirements and validation plan to allow on-time delivery of the project and appropriate management of cybersecurity risk given the critical nature of the application.
- Consultancy on vehicle-level cybersecurity concept and interface agreements allowed HORIBA MIRA to support key component supplier engagement, allowing customer to issue appropriate requirements to suppliers.



“The HORIBA MIRA cyber security team exceeded our expectations in many ways. Their close support, regular communication, quick adaptability, and expert inputs made a significant positive impact on our project. We highly recommend their services and look forward to working with them again in the future.”

- Yike Fang, Vehicle Cybersecurity Manager - Verne