

HORIBA MIRA

NIMR – Rapid response military product development

Case Study Overview

NIMR contracted HORIBA MIRA to deliver a turn key full vehicle development and integration programme to produce a product demonstrator for military requirements.

HORIBA MIRA's engineers developed the RIV as an ultra high-mobility, lightweight and rapidly deployable platform that complies with international military standards.

NIMR required the product to develop from a clean sheet to successfully completing validation trials within a 12-month period.

Successes and Benefits

- Streamlined development process delivered within 12 month time frame using in house virtual series engineering toolsets and HORIBA MIRA's development methodologies
- Multi team approach across - PWT, driven attributes, electrical, software, chassis, build, and EMC
- On-site build of initial prototypes
- Integration of under-body blast protection as well as modular applique armour packs for ballistic protection

