



REQUIREMENT

Our client approached us with an urgent requirement due to a rapidly evolving risk in a new operating environment. They needed the solution to go from concept design to all systems being deployed in service within six months, with, ongoing support throughout its lifespan. Due to this, we knew the solution needed to be easy to build, operate and maintain in service in a range of climatic conditions.

BRIEF

Design and manufacture a manually operated vehicle mounted deployment system that can be elevated and mounted for operation longitudinally or laterally. The final solution should provide environmental protection, for ready to deploy units as well as storage units.

SOLUTION

Our highly qualified team of engineers had a lot to consider: tight timescales; requirements such as managing the space-to-weight ratio; stress analysis to optimise selection and human factors. Working with the customer to identify and understand their requirements, our team of skilled engineers were able to provide an initial concept design and a roadmap for spiral development to a full solution within four weeks.

While working on the development project in a highly dynamic operating environment, we stayed in constant communication with the customer, providing quick feedback and accommodating change requests. This approach led to a successful design review and the development of prototypes and production systems. Our relationship with the customer has been solidified and will remain strong throughout the operational life of the solution.

ACHIEVED

Our team's dedication, engineering, manufacturing, quality and project management enabled us to successfully deliver the first vehicle-mounted system to the customer within twelve weeks, with all deliverables completed well within the six-month target date.

Our commitment to the customer extended beyond the initial delivery, with provision of continued support throughout the solution's lifespan as needed, ensuring its long-term success.

We have been consistently recognised by our customers for our responsiveness, starting from concept design, delivering prototypes, conducting tests and trials, to delivery of production solutions.