



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 three to 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 an 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, Conducted initial stress analysis to optimise material selection, and human factors. Working closely with the customer and by identifying and understanding their requirements, our team of skilled engineers were able to provide an initial concept design and provide a roadmap for spiral development to full solution.

This subsequently led to a successful design review and production of prototypes and production systems, with continuous engagement and responsiveness to customer feedback and change requests throughout the life of the development project in a highly dynamic operating environment and this relationship has endured into the operational life of the solution.

ACHIEVED

Our team's dedication, engineering, manufacturing, quality and project management enabled us to successfully delivery 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 recognized by our customers for our responsiveness, starting from concept design, delivering prototypes, conducting tests and trials, to customer delivery of production solutions.