

# Ruggedization of COTS Hardware

CAD  
CAE  
CAM



## Our Services

Axpert Vision is pleased to serve the needs of defense, aerospace, industrial, energy, and other clients who require system elements with a high degree of technical precision and unmatched durability. In order to provide the system elements required by our valued clients, we offer a wide range of ruggedized options, designed for the most extreme conditions. The process of Ruggedization prepares items for efficient operation within a range of settings. We offer three different packaging/casing levels for ruggedized COTS devices appropriate for the many operational environments that these systems will be used in:

- Industrial
- Semi-Rugged
- Rugged
- &
- Mil-Spec.



Our engineers are always available to assist clients with the selection of the COTS devices packaging/casing and other components that are most appropriate for your distinct needs.

Please Contact us for more details

## Design Optimization

### Product Design Optimization Services

Product design is a specialized service that requires engineering knowledge as well as an artistic lookout. There are numerous parameters that govern the design of a new product. Product design optimization thus requires specialized software and domain experts to interpret and optimize the parameters. The product design process typically consists of the following steps:

- Concept definition of the product
- Product prototyping
- Product design optimization
- Testing and validation

At each stage our product design engineer has to work under lot of constraints like; Functional, operational & environmental, safety manufacturing, delivery & production Schedule.



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