



Deploy with Durability

Rugged Tablet Computer-Design and Prototype

A multi-billion dollar global defense, aerospace, marine and technology supplier needed rapid design and prototype models to reveal a new rugged tablet computer concept to their major customers. They turned to Egret Technologies for packaging innovation and a quick, 10-day response.

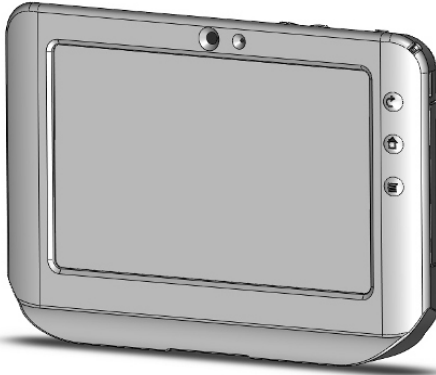
Situation: Computer technology used in tough environmental conditions ranging from field service to military applications places stiff requirements on protective packaging, security and usability. A recognized industry leader that delivers a full range of ruggedized technology products for mobile workers who function outdoors or in harsh conditions sought Egret Technologies' engineering services.



Ruggedized technology is deployed in a wide range of applications -- public safety, communications and utility equipment maintenance, construction and field service, transportation, security and military environments. This diversity of application adds significant complexity to strategic marketing decisions about product design. Each customer segment may require customized features to support a range of environmental factors including lighting, vibration, temperature, moisture, dust and space.

Solution: Recognizing the importance early customer input and feedback on the tablet product concept, the global defense supplier turned to Egret Technologies to provide design and rapid prototyping services. They were familiar with Egret Technologies capabilities and needed assistance to meet a tight two-week schedule required for customer reviews. Following an initial discussion with the client's Strategic Marketing VP, Egret Technologies agreed to provide two innovative designs for

ruggedized tablet computers (software models and JPGS files) and four stereolithographic (SLA) models in just 10 business days.



The client's marketing team had preliminary design objectives for the ruggedized tablet concept and asked Egret Technologies to suggest enhancements. These included:

- Greater ease-of-use in the form factor for a comfortable hand grip or stand up presentation
- Improved functionality of the battery pack
- Added durability and reliability the enclosure to provide a secure, high-performance operating environment and protection for I/O connections

“Turning Innovation into Profit” Results: Two review meetings and nine business days later the four approved concept models were delivered to meet the customer meeting schedule. Commenting on Egret Technologies' team effort and performance, the Strategic Marketing VP said, “It was a pleasure working with Egret Technologies on our project. They listened to our requirements and produced what we were looking for on schedule.”

Egret Technologies delivers product design and engineering services to speed your business success. We work for global vendors who require superior technical knowledge coupled with an acute awareness of their business and financial goals. Egret Technologies engineers practical electronics solutions to give clients technology advantages and market leadership. Our sole focus is "turning innovation into profit." Contact Egret Technologies at (954) 518-9645 or Innovate@EgretTechnologies.com