

## **Is it still possible to purchase rugged monitors and computers which can operate in the world's toughest environments that are designed and manufactured here in the UK?**

**YES!** Bluestone Technology is the UK's leading industrial and military Rugged LCD Monitor display and computer manufacturer. Manufacturing LCD monitors and computers since 2002 in the UK.

The organisation uniquely specialises in: -

- The engineering and manufacture of rugged, fully sealed, weatherproof and sunlight readable LCD flat panel monitors.
- Fully sealed computers designed and manufactured to withstand the harshest environments found in military, marine, industrial, and commercial applications.



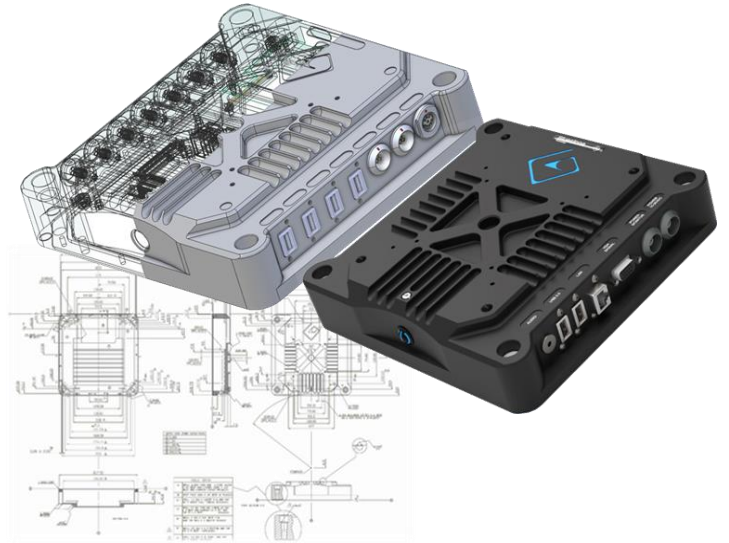
Innovative high-quality engineering lie at the heart of Bluestone. Our team consists of professionals, with extensive experience across a wide range of industries; it is this breadth of knowledge that provides a broad and creative impetus to our problem-solving activities. Working with customers who supply equipment into some of the world's toughest environments demands the very best of innovation and intelligently tailored products. Bluestone Technology Ltd has aspired to providing and producing customer solutions to exacting requirements and to the highest consistent quality.

We have developed a philosophy of utilising the best commercially available technology in our products. This gives a faster time to market and reduces the exposure to risk inherent with all high technology development. Our procedures and project management ensure that all our products are fully supportable throughout the entire product lifecycle and well beyond, we ensure this by retaining the design and manufacture of our product in-house, right here in the UK.

The typical end-user environments for our rugged displays and computers are marine, military, search and rescue and manufacturing. Our expertise goes beyond just the display; we also produce a range of intelligently designed mounting brackets, consoles, cable kits and adaptations to simplify the installation of your system. We can also integrate all our monitors with a wide range of touch screen technologies making them suitable for all applications.

## Design and Modelling

As an agile engineering company, Bluestone Technology Ltd prides itself on being able to rapidly modify our products to meet the specific requirements of our customers. Our in-house design and modelling team work closely to ensure customer supplied specifications are closely adhered too. We can supply outline drawings and 3D space models for evaluation and integration as required.



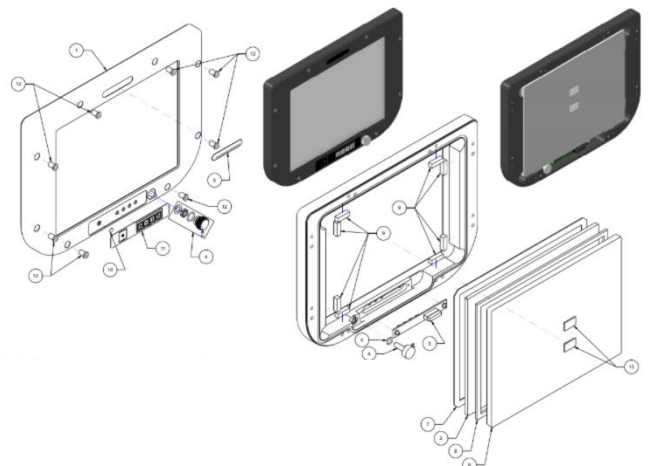
## Manufacturing

Bluestone Technology Ltd utilises specialist UK based CNC machinists to manufacture our casings and componentry to our specifications and standards. These are companies that Bluestone Technology Ltd has established a long-term working relationship with and most importantly share our ethos towards delivering the highest quality.



## Assembly

100% of our products are assembled onsite at Bluestone Technology Ltd in the UK. We maintain our exacting standards by retaining the assembly of our products in-house and assuring our customers that their products have been manufactured by our very own experienced engineers.



## Testing

Bluestone Technology Ltd has over 20 years of experience working with UKAS registered Test Houses and can rapidly modify our designs to meet our customers applications and testing requirements. A few examples of the specifications our products are designed and tested to meet include:

- Def-Stan 59-411, Electromagnetic Compatibility (Below Decks)
- EN 60945, Maritime Navigation and Radio Communication Equipment and Systems
- DO-160, Environmental Conditions and Test Procedures for Airborne Equipment



**EMC Testing**  
 As specified by the customer  
 - military / commercial.



**Environmental Testing**  
 Including climatic conditions,  
 shock and vibration.

## Applications

Bluestone Technology Ltd is an established leader in the rugged displays and computers market with many years of experience in this demanding field. We have developed many specialist techniques to enable our products to withstand the harshest environments in many of the toughest military, marine and industrial applications.

We regularly work with some of the largest technological companies in the World including Thales, BAe Systems, Lockheed Martin, QinetiQ, Ultra Electronics, Rolls Royce, MSI Defence, Babcock, Serco and Draken Europe to name but a few. We work with companies of all sizes, from the largest multinationals down to the smaller niche specialists in different disciplines, leading to a variety of applications such as:

*Bluestone Technology Ltd are well versed with supplying equipment into the Aerospace Industry, with this particular application utilising our kit both internally within the fuselage and externally!!*

*This entailed our equipment being tested DO-160 which included aspects such as:*

*Temperature Range: -50°C - +80°C*

*Altitude Test: 30,000 ft*

*Operational Shock and Crash Safety*



*Poseidon Xtreme i7 Computer, Caddy and Docking Station (IP67)  
 Military Aviation EW Application*



*24" Poseidon Monitor 16:10  
Aspect Ratio (IP67)  
Naval Bridge Wing Application*

*With over 20 year of experience supplying rugged monitors and displays into Naval Platforms from around the World, both on surface ships (internally and externally) and submarines.*

*Bluestone Technology Ltd products are designed and tested to meet Def-Stan 59-411 Electromagnetic Compatibility (Below Decks)*

*In addition, all our monitors are cleared for use on submarines for Toxicity and Fire characteristics.*

*Bluestone Technology Ltd most recently supplied a Night Vision (NVIS) compatible 15" Poseidon Panel PC into military bridging application.*

*This product has built upon years of experience of supplying products into Land Forces applications ranging from mobile missile launchers, sniper systems, dismounted close combat and SOF applications. Our products have seen active service around the World from the Arctic to the deserts of Afghanistan.*



*Night Vision (NVIS)  
Compatible Monitor (IP67)  
Military Bridging Platform*



*8.4" Poseidon Monitor (IP67)  
Inshore Lifeboat*

*We are extremely proud to be the main supplier of monitors and displays for the Lifeboats for over 15 years.*

*With our monitors on every platform across the entire fleet from the smallest inshore RIBs to the all-weather Lifeboats both internally and externally.*

*These monitors range from IP67 up to IP68 and are specifically designed to meet the rigorous demands of the harshest marine environment.*

## Conclusion

Many companies claim to design and manufacture their products in the UK, but in reality, many import their products from overseas. Bluestone Technology Ltd is different in that we are an engineering company that designs and manufactures **all** its own products here in the UK. This enables us to match the customers' requirements precisely, something that cannot be achieved with imported, off the shelf products. As the manufacturer, we select the best components on the market with the optimum through life support, allowing us to maintain and fully support our products throughout the service life of your project.

Bluestone Technology Ltd has been delivering quality products to our customers worldwide since 2002, meeting our customers specifications with our high-quality engineering, finishing and in-house assembly leading to a consistency of quality and reliability synonymous with Bluestone Technology Ltd products. With the recent drive from within the MOD to source UK manufactured equipment this makes Bluestone Technology Ltd an obvious choice for your rugged display and computer needs.

We measure our success through the optics of repeat business and our customers returning to meet their future requirements, which sets a tone of *'excellence in everything we do'*, an ethos which runs throughout our business.

*We lead where others follow...*

