

Focus Technology Provides Stable Infrastructure for LPE

Global Manufacturing Company Increases Resilience and Reduces Downtime

www.focus-technology.co.uk



The Organisation

Lymington Precision Engineers

LPE, established in 1980, is a leading manufacturer of precision machined components, fabrications, assemblies and kit sets for the Telecommunications, Defence, Oil, Space, Medical and Marine industries. It is approved to BS EN ISO 9001: 2000 and utilises the latest manufacturing technology. This includes 57 CNC machines with turning and milling capability up to 4 meters in length and 3 Flexible Manufacturing Systems capable of working unmanned to produce components to close tolerances 24 hours per day.

The Challenge

In 2005 Lymington Precision Engineers realised the need for a robust, resilient network and computer system to ensure that the business could run round the clock to support the manufacturing facilities. The few overloaded servers were struggling to cope with the demand being placed upon them by all departments so a fresh new approach was needed to reduce downtime and the possible loss of business as a result.

The Focus Solution

Focus Technology Ltd designed and installed a dedicated server room with air conditioning, UPS backup, fire protection and environmental monitoring. Through a series of consultations Focus Technology Ltd identified the business critical systems and isolated them on dedicated clusters coupled to a scalable fibre connected storage area network. Each other business function was split out on to dedicated server to provide resilience and performance across the enterprise. Virus scanning and mail content filtering operations were moved to the perimeter of the network to reduce the risk to the core systems. Each server is backed up to a fibre connected tape storage library and software is in place to allow online backups to prevent interruption to the business. Since then Focus Technology Ltd has also installed a new VOIP phone system to utilise the existing cabling infrastructure and to ease the previously complex job of adding new telephones and users to the system, this has also reduced the overall cost of the system. Focus Technology Ltd now provides a fully outsourced IT service to LPE and maintains the system on a daily basis.

Benefits

- Increased server uptime means that employee productivity is also increased.
- LPE can concentrate on running its business instead of worrying about IT issues.
- Data is now housed centrally on resilient systems.
- Voice and data now share the same infrastructure and in turn reduce costs.
- Internet attacks are now stopped at the perimeter.
- New technologies and systems can be deployed with minimal interruption to the users.

"Focus Technology's dedication to exploring new technologies means that we are continually finding new ways to simplify and enhance our business through IT."

David Craig
Financial Director
Lymington Precision Engineers

"With reduced downtime and resilient, reliable computer systems Focus Technology has enabled us to concentrate on running our business."

Adam Harper
IT Manager
Lymington Precision Engineers

phone: 0844 8150950
fax: 0844 8150951
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