



# FIVE THINGS TO CONSIDER WHEN CHOOSING A PUMP CONTROLLER

The demand for pumps is driven by a huge range of different applications, all having varying requirements, and pump manufacturers are telling us of the need for flexible, reliable control solutions that also offer operational efficiencies. Pumps are required for anything from irrigation and crop spraying to clearing floodwater, draining reservoirs, sewage bypass or maintaining ground water levels.



So what are the key points you should look for when choosing a controller for your pump portfolio?

## FLEXIBILITY

Pump manufacturers tell us that no two jobs are the same, and the last thing you need when sourcing your pump controller is to have to find your way through the many alternatives every time a different application or a new project arises. **DSESeries** controllers have built-in flexibility with configurable I/Os, configurable alarms & warnings and multiple display languages making them the ideal solution for any pump application. This allows the pump manufacturer to standardise on one controller without reducing his ability to deliver multiple pump solutions, and enables easy upgrades or system changes if the job specification alters.



Key features include:

- Monitor and track your portable/rental asset through GPS positioning and geo-fencing alarms
- Reduce site visits through remote access and dynamic real-time information
- Maximise system up-time through remote fuel management and preventative maintenance
- Generate automatic alerts and sophisticated system reports
- Customise screens for bespoke customer requirements
- Control and monitor through multiple devices including smart phones, tablets, laptops and PCs.

## RELIABILITY

Throughout DSE's 40-year history, we have invested heavily in the latest production technology, people, processes and research & development to ensure DSE continues to build products that are able to withstand the most demanding environmental challenges relevant to modern pump applications. Our reputation across the globe for delivering outstanding quality that is both durable and reliable is second to none.

DSE continue to design and manufacture all products in their bespoke UK facility in North Yorkshire which enables them to engineer customer needs into their latest product designs and combine that with an enviable and highly skilled manufacturing process. All products are 100% tested before they leave the factory, ensuring the best quality product reaches the customer.

## USER-FRIENDLY OPERATION

The complexities and variations of modern pump applications need not result in complex control solutions. Changes to settings within the **DSESeries** modules are made via the user-friendly DSE Configuration Suite PC software or the modules' front panel, which is common across the range. The intuitive screens are easy to follow and lead the engineer through each area of functionality where changes can be made to I/Os, system alarms, engine warnings etc to suit individual application requirements. Access can be PIN protected against accidental or unauthorised changes if required. The front panel also provides easy on-site access to operational status information through the clear LED display screen and scroll/select buttons.



## SYSTEM EFFICIENCY THROUGH REMOTE CONTROL & MONITORING

Web-based communication packages offer the most efficient real-time remote monitoring and control of your pump set anywhere in the world. The **DSEWebNet®** package provides the ultimate user-friendly interface through Ethernet connectivity and allows you to efficiently maintain your pump set and maximise system performance.



## GLOBAL TECHNICAL SUPPORT 24/7

DSE provides unrivalled technical support in key time zones around the world, so you never need to be without help, whatever time of day. Our Technical Support Engineers have years of experience in the field and are able to advise on system design, installation and set-up queries, up-grade solutions, product training and many other aspects of pump control installation and operation. Queries can be made via email or phone and in relevant situations site visits can be arranged.

Modules in the **DSESeries** range include:

**DSEE100 / DSEE400 / DSEE800**

For further information on DSE's outstanding range of pump controls and services, please refer to the company website: [www.deepseapl.com/control](http://www.deepseapl.com/control)

