

Actemium to showcase new mobile server room at Data Centre World 2019

Actemium ICS will use the forthcoming Data Centre World exhibition to present its innovative Portable Modular Data Centre, a customisable mobile server room that can easily be scaled for future expansion.



The Portable Modular Data Centre gathers a customer's data hardware equipment together in a fully-welded steel flat panel enclosure or an ISO standard shipping container.

At the Actemium Instrumentation Control & Switchgear stand (**D1372**), visitors to London's [Data Centre World](#) on 12-13 March will be able to learn more about its innovative containerised solution for data hardware. The Portable Modular Data Centre, as it is known, gathers a customer's data hardware equipment together in a fully-welded steel flat panel enclosure or an ISO standard shipping container that can be moved wherever needed or scaled for future expansion. The solution can accommodate any market-leading manufacturer equipment in the critical power and data centre industry – and, compared to a typical brick build server room, is quick to build and deploy, causing minimal disruption to a customer's business.

"The site installation benefits of the Actemium ICS Portable Modular Data Centre are clear. We supply the units fully configured, pre-cabled and tested – ready for deployment on site. This reduces the need for expensive and time-consuming civil works," says **Gary Elliott**, Business Unit General Manager of the Actemium ICS.

From concept to completion

Leveraging in-house expertise, Actemium ICS is able to offer customers looking for such a modularised and containerised server room, complete project lifecycle management – from conceptual and detailed design

engineering, through manufacturing and functional testing, to site installation, maintenance, service and training.

Although the Portable Modular Data Centre is a new product, Actemium ICS has more than 30 years of international experience in providing containerised solutions. Recent success stories include the design and manufacture of a bespoke Power Supply Substation Kiosk for a customer working on the West Nile Delta (WND) project in Egypt and a purpose-built Local Equipment Room and associated components for a series of gas turbine generator sets in Oman.

“Our certified designers draw on a wealth of experience to design a flexible and robust solution for customers that meets their individual technical and security requirements, while reducing cost, complexity and operational expenditure,” Gary says.

Bespoke solutions

When ordering an Actemium ICS Portable Modular Data Centre, customers benefit from a tailored solution according to their individual space and footprint requirements, as well as environment conditions on site. Actemium ICS Design Engineers will work to custom dimensions and rack space needs, all while incorporating a multi-level overhead tray system and maintaining a clear separation of grey and white space. Where a standard industrial paint finish will not suffice, Actemium ICS offers a special anti-corrosion paint for tough marine conditions.

The Actemium ICS Portable Modular Data Centre is insulated as standard to ensure low thermal transmittance values. In addition, customers can request optional fire insulation panels, as well as fire detection and suppression systems and a very early smoke detection system.

To further protect the data, Actemium ICS can install two generator sets that start up automatically if the data centre’s main power supply fails, providing an uninterruptible power supply (UPS), and a back-up precision air conditioning system.

“Customers can rest assured knowing their data is safe, no matter what happens ,” Gary adds.



The Portable Modular Data Centre can be moved wherever needed or scaled for future expansion.

Burgeoning demand

Actemium ICS first developed the Portable Modular Data Centre concept in 2017 and quickly found interest from a

UK customer, who received a tailored solution ready to install on their site within a matter of months. A second customer placed an order in 2018, who has also given highly positive feedback on the Portable Modular Data Centre.

"We are proud to have developed a convenient and reliable solution for customers that saves them time, money and space – and gives them the flexibility to relocate or expand in the future," Gary says.

Gary and other Actemium ICS experts will be on hand during the upcoming Data Centre World 2019 at ExCeL London between 12-13 March to discuss customers' requirements for a mobile and flexible data centre solution – and how Actemium ICS can help.

For more information, please visit actemium.co.uk

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