

Satellite Imagery Company DMCii Invests in Data Centre



DMC International Imaging (DMCii), a global provider of satellite imagery products and services, has made major improvements to its data centre, involving a full internal upgrade of processing systems. Over five billion square kilometres of data, the equivalent of ten times the Earth's surface, is under management in DMCii's new virtualised environment.

According to DMCii, the introduction of the newest generation of market-leading hardware infrastructure from EDS and others has heightened the company's satellite imaging performance and enhanced the resilience of its servers.

DMCii's facility in Surrey Research Park, UK, a renowned hub of scientific innovation and technological advancement, has helped pave the way towards these advancements.

Faster processing performance has reduced retrieval time from ground station by a third, boosting DMCii's abilities to provide the world with satellite imagery at top speeds. This ability is essential in disasters where a rapid delivery of the first image is crucial to producing maps, assessments of infrastructure and information on the extent of the disaster, the company stated.

Furthermore, these enhancements will allow DMCii to provide highly developed commercial services to its customers. For instance, those that purchase DMCii satellite images for agricultural purposes will receive their data faster, allowing them to plan future fertiliser application with improved confidence.

This is the first step in a sustained investment in DMCii's services worldwide, said Dave Hodgson, managing director of DMCii. DMCii has expanded hugely since it was established in 2004, with the imagery sales rising by 40% year-on-year.

Multispectral imagery

The new facility quadrupled DMCii's floor space, providing much-needed room for expansion. This increased infrastructure supports the growing demand for DMCii's 22m multispectral imagery, as well as the forthcoming commercial 2.5m panchromatic, 1m and 5m multispectral imagery and SAR data.

These developments have given DMCii the chance to restructure its expert satellite imaging team, in a bid to provide customers with more precise data using new innovative techniques. DMCii's ongoing developments are paving the way towards an entirely new system of identifying and purchasing its world-class daily global satellite images in the near future.