



communiqué press release

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LiFeBATT Limited LiFePO₄ technology provides the energy storage at the heart of 3DX-Ray Limited's new Flatscan POD2 Mobile X-Ray Screening System

London, May 2010 – LiFeBATT Limited LiFePO₄ battery technology is providing the energy storage at the heart of 3DX-Ray Limited's new Flatscan POD2 Mobile X-Ray Screening system that will be a key element in the increased offer for security officers and operators. The system provides a total screening capability to screen suspect packages and passenger bags and luggage in areas where fixed luggage X-Ray machines are not possible. The FlatScan-POD2 has a smaller footprint than conventional baggage scanners, and does not require mains electricity, allowing it to be deployed in locations unsuitable for conventional baggage scanners. FlatScan-POD is particularly suitable for use at Stadia and other events, Secure Buildings and Facilities and mass transit locations such as concourses, rail, coach and underground stations. The Flatscan POD2 Mobile X-Ray Screening system adds a significant new dimension to 3DX-Ray Limited's complete offering and when combined with LiFeBATT Limited's LiFePO₄ Battery has resulted in significant weight and operational advantages for the end user.

Lithium Iron Phosphate System

The requirement placed on LiFeBATT Limited was to provide a power source that was more reliable, provided a longer life and was substantially lighter and one that could provide communication data to the host controllers and that did so for a minimum of 8 hours of continuous use. After a design review the design team at 3DX-Ray Limited and LiFeBATT Limited decided that this brief was best supported by the use of the XPS2E – 036030 Module. This solution provided a battery that was 1/3 of the weight of the original Lead Acid battery, offered 2,000 cycles to 80% of the original nominal capacity and with its unique firmware allowed for communication protocol between the battery and the hosts micro controller such that a fuel gauge could be used.

About LiFeBATT Limited

LiFeBATT Limited is the exclusive distributor for LiFeBATT battery systems for the United Kingdom, Ireland, France, Netherlands, Belgium, Switzerland, Italy, Spain and Portugal. We operate from our UK distribution centre in Southend-on-Sea, Essex, UK.

LiFeBATT is a global provider of large format rechargeable power solutions for diverse applications. Our engineers have more than 20 years of experience in the development of Li-ion cells. The LiFeBATT team has extensive expertise in high power, large battery assemblies, as a new power source in the automotive, aircraft, military, UPS, LEV, and e-bike transportation markets.