

GROUND SUPPORT NEWS

The U.K.'s BAA has appointed Siemens as the Eastern Campus baggage integrator at London Heathrow Airport. The scope of the wide portfolio of projects includes the design and installation of Baggage Handling Systems (BHS) for the new Terminal 2, in addition to specific upgrades and enhancements within the Eastern Campus of Heathrow, which will all be completed by December 2013. The BHS in the new Terminal 2 is an integral part of the Eastern Campus development programme, a new state-of-the-art terminal with an initial capacity of 20 million passengers per year in the first phase, with options to provide future terminal capacity. Terminal 2 will provide the new passenger-facing technologies including 116 check-in desks and eight international and two domestic arrival carousels. After check-in, departure bags will be conveyed to the existing screening and sortation system located in Terminal 1 by using a new bag collector system, also to be installed by Siemens.

Integral to the implementation of a fully integrated Eastern Campus baggage system between Terminals 1, 2 and 4 is the upgrade of the existing tunnel baggage system which connects T1 and T4. With a fully upgraded tunnel baggage system, additional integral functional elements can be introduced such as a shared bag store to allow all passengers within Eastern Campus the ability to check-in up to 24 hours in advance. Siemens will also replace 20 hold baggage screening machines in Terminal 1 and Terminal 4. This will enable Heathrow to achieve compliance with the new screening legislation stipulating that the next generation of hold baggage screening machines must be utilised. This legislation will come into effect in 2012. #885.GSE1

Austria-based Skidata will deploy a parking management solution for Dallas/Fort Worth International Airport (DFW), the third-busiest airport in the world. The contract provides for a turnkey solution for parking access management at the airport, including hardware, software and tools for administration. Implementation is scheduled to be completed in 2013. The Dallas/Fort Worth (DFW) International Airport's current parking control system will be replaced by a Skidata solution to manage more than 40 000 parking spaces. Skidata was awarded the contract based on its experience in centrally-managed large-scale PARCS (Parking Access and Revenue Control Systems). Skidata will equip the Dallas/Fort Worth International Airport with a unified solution, providing hardware, software and tools for administration. Intelligent software solutions support airport management with functional planning options, thereby improving their efficiency. An Automatic Vehicle Identification (AVI) system will enable regular customers to access and exit parking areas smoothly and rapidly. -- Skidata Inc. was established in New Jersey in 2000 to promote and distribute Skidata's parking solutions in the U.S. #885.GSE2

Emteq Inc. and Flight Components AG, who combined operations in March 2007, have announced a new name for the Switzerland based facility – Emteq Europe GmbH. The name change will not have any impact on the company's organizational structure or day-to-day operations. Chief Executive Jerry Jendusa said: "Flight Components has built a solid reputation as a high quality, exterior lighting manufacturer since 1970, and a pioneer in LED technology since 2001. We want to assure customers and partners that EMTEQ will continue to deliver the same reliable technology, service and support they have come to expect over the years. The new name, EMTEQ Europe, reflects our

corporate vision to be a global company with vast resources dedicated to our customers' success."
#885.GSE3

Qantas has announced that it had worked closely with Marc Newson in the design of its new Next Generation Check-in experience, which will launch in Perth, WA, towards the end of July 2010. Qantas Executive Manager Customer Experience, Alison Webster, said the Next Generation Check-in elements had been developed with Qantas Creative Director Marc Newson, who provided creative direction on each of the components, including design and aesthetics. "Next Generation Check-in has been designed to deliver an enhanced check-in experience for our customers – providing greater speed and ease through the airport terminal by eliminating airport queuing," Ms Webster said.

The Next Generation Check-in experience will feature product elements developed for Qantas by Blue Sky Design Group in conjunction with Marc Newson, including a new Qantas Frequent Flyer Card, Q Card Reader and Bag Drop facility. Customers arriving at the airport, who have not yet checked in online, will be able to simply touch their card at an all-new Q Card Reader located throughout the check-in hall. The simple and clean design of the Q Card Reader will provide both visual and audible recognition of successful check-in. All customers travelling with bags will be able to use the new Bag Drop service at Next Generation Check-in airports. The Bag Drop injector has been designed to ensure the Bag Drop process is simple and quick for all customers and will eliminate queuing for those travelling with bags.

Throughout the Perth trial of Next Generation Check-in, construction and training will continue in Sydney, which will be ready to launch later in 2010, followed by Melbourne, Brisbane, Adelaide and Canberra in 2011. The programme is scheduled for completion in the second half of 2011. #885.GSE4

Netherlands-based baggage handling system manufacturer Vanderlande Industries achieved an order intake of EUR 611 million in financial year 2010, ending 31 March 2010. This order intake is comparable to that in the previous financial year and provides the company with an order book amounting to EUR 811 million, a solid starting position for the company that currently operates in a difficult market. Sales, at EUR 549 million, were 16% lower than the previous year, reflecting the impact of the economic downturn. Successful execution of projects and services led to a net income of EUR 26 million, compared with EUR 35 million in the last financial year. The number of employees rose by 96 to 2039 (+5%), mainly due to the extension of on-site customer services activities. Michiel Peters, CEO of Vanderlande Industries, commenting on these results, said: "Our order intake was satisfactory, considering the impact that the economic downturn is having on our markets. We have a balanced portfolio with activities in a range of regions and markets, and this proved to be valuable in maintaining order intake at a high level. As a result our order book is strong, which provides a solid basis for the coming years." #885.GSE5

Gibraltar-based WheelTug plc, which is developing new technology enabling aircraft to use on-board electric motors to taxi between terminal gates and runways, has entered into an agreement with Prague-Ruzyně International Airport to optimize the system. The WheelTug kit is projected to reduce aircraft taxi-mode fuel consumption and CO2 emissions both by 66%, and to reduce hydrocarbon emissions by 75% per flight cycle. "The team of Prague Airport Consulting will also be working with WheelTug to adapt existing operating procedures, checklists, and operating regulations

to achieve maximum benefit from WheelTug systems at Prague and at other airports," said Jiří Pos, Executive Director of Aviation at the airport. Showing at the 2010 Farnborough Air Show, initially WheelTug is being developed for the Boeing 737NG aircraft family, and is expected to receive certification by early 2012. www.wheeltug.com #885.GSE6

The Sydney Airport Aviation Rescue and Fire Fighting (ARFF) service in Australia has received a new aerial firefighting vehicle for the effective handling of emergency incidents. The new vehicle will join a fleet of specialist fire vehicles and water rescue craft based at the airport. The vehicle will allow firefighters to quickly and safely access the upper decks of an A380 aircraft to provide assistance to passengers in an emergency. Sydney Airport handles 60 A380 movements weekly, making it one of the busiest A380 airports in the world.

The vehicle, worth about USD 720 000, is equipped with a turntable ladder for easy climbing and a platform for carrying up to three firefighters. It can reach up to 30 metres or extend out sideways fully-loaded past 16 metres. It also allows a monitor or fire hose to be used from an elevated position in fire fighting operations.

General Manager ARFF, Andrew Rushbrook, said that the high-tech vehicle was a valuable addition to the fleet and enabled fire fighters to offer the highest protection to the flying public. The vehicles are the same yellowish-green as the Rosenbauer Mark 8 fire fighting vehicles introduced into service nationally last year. All vehicles used by ARFF will transition into the new high visibility colour scheme over the next few years. #885.GSE7

Airport Security

Reveal Imaging Technologies Inc has announced that the Reveal CT-80DR Explosives Detection System (EDS) participated in the European Civil Aviation Conference (ECAC) Common Evaluation Process of security equipment (CEP), and is the first to pass the new European Commission Regulation Standard 3. Testing was conducted in the Netherlands by one of the four certified EU test centres in Europe. The new test protocol follows the Common Testing Methodology for automated Explosives Detection Systems for deployment across the European Union.

Michael Ellenbogen, Reveal's CEO, said: "We're extremely pleased that there is now an opportunity to submit our EDS technology for approval by a single EU test authority for use by airports and other security operators across the EU. All countries that follow European Union aviation safety regulations can be assured that our equipment meets the most current and stringent requirements set forth by the EU."

The Reveal CT-80DR was the first EDS designed for 100% checked baggage inspection. The system utilizes Reveal's proprietary Dual Energy, Computed Tomography (CT) architecture. This unique approach to EDS design enables full size checked baggage to be inspected in the smallest possible footprint, allowing the system to be deployed where other EDS cannot due to size and cost restraints. #885.GSE8

U.S. Transportation Safety Administration (TSA) officials have started using advanced imaging technology at Boise Airport, ID, that allows security officers to look for hidden explosives and other weapons by seeing through a passenger's clothes during screening. Officials say the three Backscatter Advanced Imaging Technology scanners that began operating in July

2010 use low-level X-rays over the body. Officials say passengers who decline going through the scanner are subject to a full pat-down and a metal-detecting wand. #885.GSE9

Terrax Inc. has announces that as a result of the demonstration of the Theia System at the SOFEX conference in May 2010 in Amman, Jordan, the company has been requested to supply USD 40 million of Terrax Theia Systems and services over an eight-year period. The deployment covers the international civil aviation sector. The company is scheduled to conduct an airport and field demonstration later in 2010. The contract terms are currently being finalized. According to Murray Owen, President of Terrax, a demonstration has tentatively been set with final details to come at a later date. Owen went on to say: "I am very pleased with the progress on this contract and look forward to finalizing the details and signing several more contracts in the near future." -- Founded in 2000, Terrax is a solutions integrator of image data and hyper-spectral imaging to provide real time detection and alert systems for civilian applications. #885.GSE10

Names

New Zealand-based baggage handling company BCS has made changes to its senior management team. David Jerram takes over as **General Manager of Airport Systems, International**, as well as retaining his responsibilities for Airport Systems Australia. **Greg Wright** joins BCS as **Key Account Manager**, after three-and-a-half years with Root Projects Australia, where he was the consultant project manager for a series of development and construction project at Melbourne Airport. Wright comes to BCS with a great deal of airport (landside and airside) experience which will complement the BCS project team at Melbourne. **In New Zealand, Marc Michel takes on a newly-created global role as General Manager, Services & Solutions Group Marketing**, responsible for leveraging group IP into end to end solutions for global airline and airport clients. **Dylan Fitzgerald**, previously with Fulton Hogan, **becomes the new Group Financial Controller**, with responsibility for finance and administration functions for the group of companies located in Sydney, Melbourne and Auckland. #885.GSE11