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SITA has recently completed the implementation of its airport management solution at Athens International Airport (ATH) in Greece, delivering significantly improved airport processes, as well as operational and cost efficiencies. Using SITA's Airport Management, ATH is, for the first time, able to share key operational data by opening its Airport Operating Database to its stakeholders – airlines, government agencies, air navigation service providers, and other entities – providing all parties with the same real-time, data-rich view of the airport. Sharing event milestones, airport stakeholders have an extremely precise view of how various activities across the airport are integrated and can impact the overall operation. The airport operations team can, for example, see when a flight has departed from its destination, with better visibility of the expected arrival time in Athens. This allows the airport to plan ground operations more efficiently, assigning aircraft parking stands, gates, and other resources, ensuring on-time performance, and avoiding unnecessary delays. With a web-enabled application in place, the airport is also able to quickly inform and deploy employees and equipment where they are needed most, while gathering real-time data on tasks completed – data that is shared with all stakeholders. The airport can now better plan key activities such as push-back times and align with air traffic control for on-time performance, avoiding long wait times on taxiways and runways.

Through SITA Information Display System screens installed throughout the terminals, Athens International Airport now provides tailored information to passengers' frequently asked questions, from the location of ticket sales counters to walking times to the gate. This has further enhanced the passenger experience and improved navigation through the airport.

OneStream, a corporate performance management (CPM) vendor, is partnering with Menzies Aviation to replace its legacy CPM system with OneStream's Intelligent Finance platform.

Menzies delivers time-critical aviation logistics services at more than 210 airports in 38 countries. The company was seeking to upgrade its legacy CPM system and decided to explore the modern-day CPM landscape. OneStream was selected as the best solution to modernise Menzies' approach to CPM.

"With operations on six continents, we were looking for a new system to streamline and unify our financial processes on a global scale," said Christopher Devaney, vice president group finance at Menzies Aviation. "The OneStream platform's invaluable data and insights will allow us to automate processes, provide critical transparency into data and drive agility with an enhanced financial outlook as we respond to rapidly changing environments. OneStream represents a vital step in our journey to deliver next generation finance solutions in our business".

Denmark-based Intelligent Track Systems (ITS) and Nice Côte d'Azur Airport (NCE) in France have signed an agreement for the use of the Danish company's 'smart' shopping trolleys. The collaboration marks a travel retail industry first in a European airport. At least 30 of the trolleys will be placed in Terminal 2 (T2) post-security from July 2022, giving departing passengers the opportunity to use their numerous services free of charge.

ITS trolleys use digital screens to interact with the user, providing information on access routes, departure times, departure gates, product promotions, tax-free shopping guidelines and other relevant airport information in their preferred language. They also provide heat mapping data for operators. The trolleys were introduced to San Diego International Airport (SAN), CA, in late 2021.

Officials at Brussels South Charleroi Airport (CRL) in Belgium recently accepted delivery of electric ground support equipment (eGSE) units manufactured by Italy's Aviogei Airport Equipment. Looking to achieve the goals outlined in the Sustainability Strategy for Airports document approved by the board of Airports Council International (ACI) Europe, CRL has vowed to reduce its emissions to 0 net grams of carbon dioxide (CO₂) by 2050. "The goal of BSCA is to have only electrical vehicles," said Fabrice Wybo, head of ramp training for CRL, noting that the airport has a target of changing out all of its GSE to electric units by 2033.

The airport has two self-propelled passenger stairs equipped with a ramp chair lift as well as potable water service unit from Aviogei. Aviogei's potable water supply vehicle, the VASM 1500E, is an electric-powered unit capable of furnishing all wide-body aircraft, including the A330, A340 and B777, with drinking water. The VASM 1500E features a lithium battery with a remote-control system, high performance water pump and antifreeze temperature control system. Aviogei officials note their products are customised according to the customer's needs and are constantly updated for safety requirements. For example, the company's eGSE has incorporated an anti-collision system.

GSE manufacturer Boschung has announced a new partnership with Canada's Airport Technologies Inc. Together both companies will strengthen their market offering by combining their portfolios, creating product synergies such as with two of their MTE products: ATI's Snow Mauler as tow truck with mounted snow plough and Boschung's high performance sweeper blower hanger unit the Jetbroom 10000 T. By joining forces, the two parties will create a complementary portfolio of summer and winter equipment specialized in airport maintenance. As ATI will be handling all airport sales and customer care activities for Boschung on the Canadian market, Boschung America LLC will be supporting its new Canadian ally, ATI, on the USA airport market.

Cavotec Airports will be re-branded to Dabico Airport Solutions, following its upcoming divestment from the Cavotec group. "Building on Cavotec Airport's 50-plus year track record in the industry, Dabico is now well-positioned to devote its extensive expertise into continued product development and long-term growth – one of our key growth drivers will be a number of new products that we plan to launch in the months ahead," says Juergen Strommer, Dabico Airport Solutions CEO designate.

Dabico plans to showcase its full range of innovative ground support systems – and premiere three new products – at the upcoming Dubai Airport Show that kicks off on 17 May.

Dabico Airport Solutions offers a comprehensive range of state-of-the-art, turn-key systems for contact gates, remote aprons, and maintenance repair and overhaul hangars for commercial and defence applications. Its innovative solutions include 400Hz and 28VDC ground power units, pre-conditioned air systems, wet services and fuel systems that are integrated under passenger boarding bridges or in in-ground pits and tunnel systems. These systems reduce the use of mobile diesel-driven ground support equipment and quicker shut down of aircraft APUs, resulting in better operator safety, reduced environmental impact, and faster turnaround times driven by efficient and reliable operations.

Dabico Airport Solutions brings together former Cavotec brands of Combibox, Dabico, Fladung, INET, and Meyerinck, to create a unique airport solutions provider. Cavotec announced the divestment of its Airports division to the Fernweh Group in February.

JFK International Air Terminal LLC (JFKIAT), the operator of Terminal 4 (T4) at JFK International Airport (JFK), NY, **recently launched a 60-day pilot programme for the use of a battery-driven ground power unit (eGPU).** Denmark's ITW GSE, in partnership with Royal Schiphol Group, developed the 180-kVA eGPU unit. The new trial programme introduces battery-driven ground power units for aircraft at T4 as an alternative to diesel powered GPUs. At a typical gate GPU is powered by the grid, but

aircraft parked at hardstands require portable GPUs which are traditionally powered by diesel. The eGPU is a more sustainable alternative to diesel-powered GPUs. Large capacity eGPU units are especially suited for large widebody aircraft, which require higher battery capacity. According to ITW, exchanging only one diesel GPU with an eGPU reduces carbon dioxide emissions by 90% and nitrogen oxide emissions by 95%. This innovative technology will cut more than 190,000 lb of CO2 emissions per year at T4.

Analogic Corporation has received two orders from the US Transportation Security Administration (TSA) for the procurement and maintenance of up to 469 base and 469 full-size ConneCT computed tomography (CT) checkpoint security screening systems. Analogic's ConneCT systems will be used to screen carry-on items at TSA checkpoints and are part of a larger TSA effort to improve checkpoint security screening. In August 2021, Analogic received a US\$198m award from the TSA for the procurement of mid-size CT checkpoint security screening systems, which are now being installed at airport checkpoints. Deployment of Analogic's base and full-size systems are expected to begin in the summer of 2022. The two orders have a combined value of up to USD 781.2 million. The Analogic ConneCT is an advanced security screening system that delivers superior threat detection and improved passenger throughput compared to legacy checkpoint X-ray scanners. It combines CT 3D imaging with advanced explosive threat detection software. The technology allows airports and regulators to permit passengers to leave approved liquids and electronics in their bags at the screening checkpoints, reducing the need for passengers to divest items and increasing passenger throughput.

Tokyo International Airport (HND) in Japan has ordered 12 sets of Hi-Scan 6040 CTiX carry-on baggage screening systems, iLane smart automatic tray return systems and UV-C tray disinfection systems from Smiths Detection. The Hi-Scan 6040 CTiX is a computed tomography (CT) X-ray scanner producing high-resolution volumetric 3D images for quicker baggage assessment and low false-alarm rates. It enables electronics and liquids to remain in bags, speeding up passenger screening and reducing touchpoints. The iLane fully automated tray return system delivers high throughput and efficiency, streamlining the screening process and eliminating passenger bottlenecks. The UV-C, an ultraviolet light tray disinfection kit, which is integrated into the iLane tray return system, eliminates up to 99.9% of microorganisms, including Covid-19 variants, helping to protect passengers and staff from the tactile transmission of contagious diseases. Smiths Detection's products will support the 'Jal Smart Security' system implemented with Japan Airlines at Tokyo International Airport Domestic Terminal security checkpoints and use cutting-edge technology to realise more advanced security inspections. The system will be introduced in April 2022 and is scheduled to be completed in August 2022.

Publisher's note: The articles in this special report, compiled for **inter airport Europe**, are samples from the biweekly **Momberger Airport Information** newsletter, published since 1973. The newsletter is an advertising-free, global airport news service that consists of 8 modules and allows subscribers to customize their own newsletter package. The items in this report represent only a small sample of **Momberger Airport Information**. The modules that make up the biweekly newsletter are Airport Development (DEV), Calendar of Events (CAL), and the subscriber-selectable modules Airport Operations (OPS), Ground Support Equipment (GSE), Air Traffic Services (ATC), Consultant & Contractor / Sustainable Aviation (CON), Airport Information Technology (AIT), and Maintenance Base & FBO (MRO). For more information and to order an annual subscription, please visit www.mombergerairport.info