

**inter
airport
china**

The world's premier airport exhibition

汇聚行业力量 共建未来机场

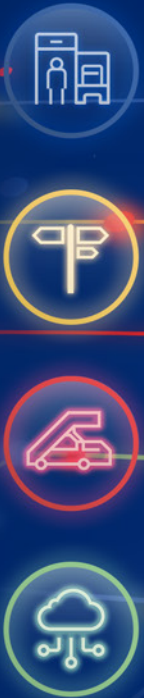
Gather industry forces to build the future airport

inter airport EXCHANGE - the international session
2022机场行业建设与发展大会
国际线上研讨会

大会手册

Event Guide

2022.12.14-15



合作
单位



UK Government



Government
of Canada

Enterprise
Singapore
新加坡企业发展局



www.interairportchina.com

<p>主办方 Organizer</p>	 <p>励展博览集团 同励百业·共展商机</p>					
<p>合作伙伴 Partners</p>				<p>Government of Canada</p>	<p>Enterprise Singapore 新加坡企业发展局</p>	
<p>官方新闻发布媒体 Official media partner</p>						

帮助信息

Tips

主办方联系人

Contacts of the organizer

演讲嘉宾 Guest speakers	12月14日 IATA 国际航协及英国专场 IATA and UK session on 14th December	孙蕾 Daisy Sun 021-2231 7212
	12月15日加拿大、新加坡及法国专场 Canada, Singapore and France session on 15th December	裴培 Penny Pei 010-5933 9392
展商及赞助商 Exhibitors & sponsors		姜燕燕 Yoki Jiang 010-5933 9347

沟通交流

Exchange

提问 Question

看完会议议程，您是否也有希望被解答的疑问？在线发表您的提问吧。
After reading our meeting agenda, do you have any questions? You can raise your question online.



入群 Join the group

欢迎您加入inter airport China机场行业交流群
Welcome to the inter airport China WeChat group



视频材料 Videos

连续参与两天线上研讨会的观众可在会后两周内收到录播视频链接
In two weeks following the online seminar, we will send the link to the seminar video recordings to all participants who will join us for two consecutive days.

2022机场行业建设与发展大会

inter airport EXCHANGE - the international session

国际线上研讨会

◀ 2022.12.14-15 ▶

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欢迎辞

Welcome Message

欢迎来到inter airport China, 跟随我们进入机场体验之旅!

inter airport China自2004年举办至今, 已步入第18个年头。我们始终致力于深挖行业需求, 为大家提供有价值的内容和服务, 展示先进的技术和理念, 营造更好的国际交流机会。

疫情之下的机场建设不曾停止, 大家对于机场建设发展的方方面面都有旺盛的学习和交流需求, 而防疫相关规定却又给我们带来巨大的挑战。我们需要重新思考用户的交流模式; 需要持续评估内容的时效性; 需要结合市场需求发掘新的产品; 我们也需要帮助国际企业进入中国。面对需求与挑战, 我们选择了“线上+线下”的模式, 以“汇聚行业力量, 共建未来机场”为主题, 带来“inter airport Exchange机场行业建设与发展大会”和“inter airport China·South华南国际机场展览会”两大活动。

“inter airport Exchange机场行业建设与发展大会”于2021年在北京大兴首次举办, 今年12月14-15日, 将以国际线上交流会的形式举行, 包括IATA国际航协日、英国交流日、加拿大交流日、新加坡交流日和法国交流日, 希望通过“inter airport Exchange”这个平台, 将中国和其他国家的机场业内人士汇聚一堂, 展示各自经验, 进行技术交流, 分享前瞻理念, 探讨未来趋势。

通过会议日程, 您可以了解到本次线上大会的内容非常丰富, 除日程内容外, 我们也致力于为大家提供更多的交互机会, 您可以申请加入行业交流群, 也可以通过便捷的线上会议平台与嘉宾进行现场的沟通和交流。

除了本次大会, inter airport China·South华南国际机场展览会将在2023年3月9-11日与大家在广州见面, 我们的合作伙伴也将以国际展团、主宾国论坛等更为全面的形式参与, 为大家带来更加丰富的内容和更好的体验。

最后再次感谢各位演讲嘉宾和参会代表, 祝大家在本次活动中收获满满, 也期待与您线下的相见!

inter airport China项目组
励讯(中国)投资有限公司

Welcome to inter airport China. Please join us on a journey to experience airports!

Since founded in 2004, inter airport China has been with us for 18 years. During the show, we have worked hard to discover industry needs and provided valuable information and services. By showcasing cutting-edge technologies and ideas, we create better opportunities for international exchange.

Despite the pandemic, airport construction work has continued. People have demonstrated a strong passion for learning and exchange to enhance the airport construction work, even as the pandemic control measures pose some big challenges. We must reconsider how to better promote customers' exchange. We must continue to evaluate up-to-date information. We need to discover new products that meet market needs. We also need to introduce international companies to the Chinese market. Given such needs and challenges, we have opted for the online plus offline mode. The show comes under the theme of 'Gather industry forces to build the future airport', and incorporates two events - inter airport Exchange and inter airport China·South.

The first installment of inter airport Exchange took place in Daxing, Beijing, in 2021. This year, the event will take place online from 14th to 15th December. During the online event, we'll have IATA Day, UK Day, Canada Day, Singapore Day, and France Day sessions. By using the platform offered by inter airport Exchange, we are connecting airport industry colleagues from China and other countries to enable technical exchanges as they share insights and discuss future trends.

You will find rich contents in our meeting agenda. Apart from the online meeting, we look forward to providing even more interactive opportunities. You can apply to join the industry exchange group, apart from live engagement with our guest speakers via the online meeting platform.

Following inter airport Exchange, inter airport China·South take place in Guangzhou from 9th to 11th March 2023. Our partners will participate in the event in the form of international pavilions, guest country forums and more, to provide even richer contents and a better experience.

Finally, a big thank-you to all guest speakers and participants. May you enjoy this successful experience with big achievements. We also look forward to meeting you offline soon.

inter airport China team
RELX (China) Investment Co., Ltd.

12月14日
December 14th
10:00-12:30



IATA 国际航协交流日 —— “后疫情时代的旅客机场体验”及“航空领域可持续发展”
IATA Day: Post-COVID Passenger Airport Experience and Sustainable Development in Aviation

与您分享全球客运大会 (WPS) 的亮点以及相关重点项目的地区进展及 IATA 2022 年全球旅客调查结果。
Share with you the highlights of the World Passenger Transport Congress (WPS), regional developments on key projects and the results of the IATA 2022 Global Passenger Survey.

12月14日
December 14th
14:00-16:55



英国日: 民航低碳发展和服务论坛
UK Day: Aviation Low Carbon Development & Service Forum

与您分享英国机场可持续发展和减碳方面的解决方案和设计理念。
Share with you the UK airport sustainability and carbon reduction solutions and design concepts.

12月15日
December 15th
10:00-11:40



空港如“加” 航程顺“华” —— 中加民用机场可持续建设与无障碍运行专场论坛
Canada Day: China-Canada Civil Airport Collaboration Forum on Sustainable Development and Accountable Operation

与您分享加拿大机场如何打造多式联运全球物流枢纽和治理航空废弃物。
Share with you how Canadian airports are building multi-modal global logistics hubs and managing aviation waste.

12月15日下午
December 15th
14:00-16:15



新加坡: 融合前瞻规划和创新应用, 赋能机场竞争力与韧性
Singapore: Future Airport Development: Staying competitive and resilient through forward planning and innovation

巴黎机场集团: 未来空中交通
Groupe ADP: Advanced Air Mobility

与您分享新加坡企业在航空城和机场运营管理的解决方案。
Share with you the aviation new town, airport operations and management solutions.
与您分享巴黎机场集团对先进空中交通的试验情况。
Share with you Groupe ADP Advanced Air Mobility community in the Paris region.

IATA 国际航协交流日 —— “后疫情时代的旅客机场体验”及“航空领域可持续发展”
IATA Day: Post-COVID Passenger Airport Experience and Sustainable Development in Aviation

10:00-10:15	<p>聚焦后疫情时代、推进行业重启 Spotlight on Post-Covid era and to Boost Industry Restart</p> <p>窦朋, IATA 北亚区运营、安全及安保业务部总监 Dou Peng, Director of Operation, Safety and Security Dept. IATA North Asia</p>
10:15-11:15	<p>IATA2022 年全球客运大会报告: IATA 2022 World Passenger Symposium Highlight:</p> <ul style="list-style-type: none">全球旅客问卷调查分析 World Passenger Survey Result非接触式出行 Contactless Travel无障碍旅客出行 Accessibility行李运输等 Baggage <p>崔艳, IATA 北亚区运营、安全及安保业务地区经理 Cui Yan, Regional Manager, Operation, Safety and Security Dept. IATA North Asia</p>
11:15-11:45	<p>可持续发展议题: Industry Sustainability:</p> <ul style="list-style-type: none">ICAO 第 41 届大会关于环境保护和应对气候变化领域所取得的最新成果 The latest achievements on environmental protection and climate change at the 41st ICAO Assembly可持续航空燃料 (SAF) 的规模化生产与部署方面的全球进展 Global progress in large-scale production and deployment of sustainable aviation fuel (SAF) <p>邓梁春, IATA 北亚区外事与可持续发展部高级经理 Deng Liangchun, Senior Manager, External Affairs and Sustainability Dept. IATA North Asia</p>
11:45-12:00	<p>IATA 商务产品与服务 IATA's Products & Services Offering</p> <p>何英慧, IATA 北亚区商务产品与服务总经理 He Yinghui (Yvonne Ho) Regional Head, Commercial Products and Services Dept. IATA North Asia</p>
12:00-12:30	<p>问答环节 Q&A</p>

英国日: 民航低碳发展和服务论坛

UK Day: Aviation Low Carbon Development & Service Forum

14:00	<p>主持人开场 Event Opening</p> <p>英国国际贸易部 副总监 (环境、基建和交通行业) 邓书睿 Christopher Dunn, Deputy Director for Environment, Infrastructure & Transport, DIT China</p>
14:05-14:15	<p>中英领导致辞 UK and China VIP Remarks</p> <p>英国驻广州总领事墨泰致辞 Matthew Moody, Consul General, British Consulate General in Guangzhou</p> <p>中国民用机场协会副秘书长孙德富致辞 Mr. Sun Defu, Deputy Secretary General, China Civil Airports Association</p>
14:15-14:20	<p>英国航空行业宣传册发布 DIT Aviation Sector Brochure</p> <p>英国国际贸易部 中国区航空和铁路行业主管 任丹丹 Yuki Ren, Head of Aviation and Rail, DIT China</p>
14:20-14:25	<p>中英机场合作网页发布 Launch of "Sino-UK Airport Cooperation" Portal</p> <p>英国国际贸易部 中国区航空和铁路行业主管 任丹丹 Yuki Ren, Head of Aviation and Rail, DIT China</p>
14:25-14:45	<p>英国标准协会发布卓越服务系列标准及包容性服务白皮书发布 Launch of the three new services related standard and release the whitepaper</p> <p>英国标准协会战略业务发展总监 郭玥婷 Anya Guo, Strategic Business Development & Product Marketing (BD&PM) Director, BSI China</p>
14:45-15:05	<p>民用运输机场低碳高可靠性电力解决方案及行业和政府需要采取的行动 Low Carbon and High Reliability Power Solution for Civil Transportation Airport and Actions Required for Sectors and Government</p> <p>罗尔斯罗伊斯动力系统 (苏州) 有限公司 大中华区战略, 业务发展和项目管理副总经理 包研 Joern Baumgarten, Vice President Strategy, Business Development & PM, Greater China, Rolls-Royce Solutions (Suzhou) Co. Ltd</p>
15:05-15:25	<p>航空业脱碳: 积极助力能源转型 Aviation decarbonization: key enabler towards energy transition</p> <p>BP 航空副总裁 谭德宁 Daniel Tyzack, Managing Director of Asia Pacific, Air bp</p>
15:25-15:45	<p>机场和机场片区发展和运营的碳排放优化策略 Carbon Emission Optimization Strategy for Airport and Airport District Development and Operation</p> <p>奥雅纳 总工程师 黄维杰 Frederick Wong, Chief Engineer, Arup</p>
15:45-16:05	<p>实现净零航空的机场规划和设计 Airport Planning and Design for Net Zero Aviation</p> <p>莫特麦克唐纳全球航空董事 格雷厄姆·博尔顿 Graham Bolton, Global Aviation Leader, Mott MacDonald</p>
16:05-16:25	<p>对后疫情时代机场的洞察和见解 Post-Pandemic airport insight</p> <p>睿思誉公司亚太区咨询负责人陆佳佳 Joanna Lu, Head of Consultancy Asia, Cirium</p>
16:25-16:55	<p>问答环节 Q&A</p>
16:55	<p>主持人宣布论坛结束 MC Closing, end of forum</p>

空港如“加” 航程顺“华” —— 中加民用机场可持续建设与无障碍运行专场论坛

Canada Day: China-Canada Civil Airport Collaboration Forum on Sustainable Development and Accountable Operation

10:00-10:05	<p>加拿大驻华大使馆开场介绍 Opening Remarks by Embassy of Canada to China</p> <p>贝杰思, 加拿大驻华大使馆商务公使 Jean-Christian Brillant, Commercial Minister, Embassy of Canada to China</p>
10:05-10:25	<p>加拿大机场协会: 展望复苏之后加拿大机场的未来 Canadian Airports Council: Looking beyond recovery to the future for Canadian airports</p> <p>Monette Pasher, 加拿大机场协会总裁 Monette Pasher, President, Canadian Airports Council</p>
10:25-10:40	<p>加拿大埃德蒙顿国际机场的可持续之旅 The sustainability journey of Edmonton International Airport</p> <p>Tom Ruth, 加拿大埃德蒙顿国际机场总裁兼首席执行官 Tom Ruth, President and CEO, Edmonton International Airport (YEG)</p>
10:40-11:00	<p>魁北克在发展高效智能机场方面的独创性 Quebec's ingenuity for efficient and smart airports</p> <p>Francis Gagnon, 魁北克省政府驻北京办事处主任 Francis Gagnon, Director, Québec Government Office in Beijing</p> <p>蔡铮铮, 魁北克省政府驻北京办事处商务官员 Zhengzheng Cai, Commercial officer, Québec Government Office in Beijing</p>
11:00-11:20	<p>重型木结构: 可持续未来的先进建筑解决方案 Mass Timber: An advanced building solution for a sustainable future</p> <p>Oscar Faoro, 加拿大林业投资创新署专家技术顾问 Oscar Faoro, Expert Technical Consultant, Forestry Investment Innovation</p> <p>梅开, 加拿大驻华大使馆基础设施与林木行业商务专员 Kai Mei, Trade Commissioner for Infrastructure and Forestry, Embassy of Canada to China</p>
11:20-11:40	<p>国际航空废弃物治理协会的任务与使命 International Aviation Waste Management Association – Introduction</p> <p>Gregoire James, 国际航空废弃物治理协会商务总监 Gregoire James, Commercial Director, International Aviation Waste Management Association (IAWMA)</p>

新加坡: 融合前瞻规划和创新应用, 赋能机场竞争力与韧性

Singapore: Future Airport Development: Staying competitive and resilient through forward planning and innovation

14:00-14:05	新加坡企业发展局领导致辞 Opening remarks by Enterprise Singapore 汤皓云, 新加坡企业发展局中国司华南区主任 Howard Tong, Regional Director, South China, Enterprise Singapore
14:05-14:25	航空新城启示 —— 产城融合新路径 Revolution of Aviation New Town - new paths for the integration of industry and city 林丰坚, 盛裕集团北亚区首席执行官 Hong Kian Lim, CEO North Asia, Surbana Jurong Group
14:25-14:45	走出疫情向未来 Emerging Stronger from the Pandemic 刘波, 新加坡新翔集团副总裁 (口岸服务), 北京首新地面服务有限公司总经理 Bo Liu, Vice President (Gateway Services) & GM Beijing CAH SATS Aviation Services, SATS Ltd.
14:45-15:05	人员 / 资产的定位与管理 People/Asset Location and Management 毛莉, 安随信息科技 (上海) 有限公司总经理 Li Mao, General Manager, Ascent China
15:05-15:25	未来学习 - 机场运营培训 VR 解决方案 The Future of Learning - VR Solutions for Airside Operations Training 郑新原, 新加坡航空虚拟有限公司高级开发师, 项目组长 Xinyuan Zheng, Senior Programmer, Team-Lead, Aviation Virtual Pte Ltd.
15:25-15:35	问答环节 Q&A

巴黎机场集团: 未来空中交通

Groupe ADP: Advanced Air Mobility

15:35-16:05	巴黎地区先进空中交通的试验场, 2024 年扩大运营的进身之阶 Paris Region AAM Testbed, a stepping stone for scaling-up operations in 2024 尹纳新, 巴黎机场集团中国市场总监 Naxin (Nancy) YIN, China Marketing Director, Groupe ADP
16:05-16:15	问答环节 Q&A



窦朋

IATA 北亚区
运营、安全及安保业务部总监



窦朋先生，IATA北亚区运营、安全及安保业务部总监，常驻北京。他领导北亚OSS团队，推动IATA的OSS战略和相应目标在该地区的实现：如用于地区安全和运营数据的COE、数字身份验证、基础建设能力等。

窦朋先生在航空业不同领域：安全、质量管理、地面运行、审计等方面有超过23年的经验。在加入IATA之前，他曾受雇于中国南方航空公司的地面运行和质量部门。窦朋先生拥有克兰菲尔德大学的航空运输管理硕士学位和中国民航大学的工商管理学士学位。

演讲亮点

Presentation Highlights

- 行业数字化转型目标及框架
- 疫情教训及行业重启
- IATA 经济分析及预测



崔艳

IATA
地区经理，运营、安全与安保业务部，国际航空运输协会北亚区



作为国际航协全球认证教员，崔艳拥有航空运输业20年的工作经验，在财务和运营领域都有丰富的专业涉足。作为IATA运营、安全与安保业务的区域经理，她目前致力于北亚地区旅客及地面运营相关项目的推广与实施工作。

演讲亮点

Presentation Highlights

- IATA2022 全球客运大会亮点
- 地区旅客体验（非接触式旅客出行 ONE ID）及行李运输重点项目进展
- IATA2022 全球旅客问卷调查结果概述



邓梁春

国际航协北亚区
外事与可持续发展部高级经理



邓梁春目前担任国际航协北亚区外事与可持续发展部高级经理。此前，邓先生曾于2016至2018年间供职于联合国纽约总部，先后作为联合国秘书长办公厅和联合国南南合作办公室的国际顾问，为两任联合国秘书长及其团队提供技术支持，专职于应对气候变化和国际发展合作等事务，并且支持了中国政府向联合国秘书长捐赠的“应对气候变化南南合作资金”的项目设计和实施工作。此外，邓先生长期供职于多家知名国际性环保组织，在应对气候变化、能源转型、生物多样性保护等领域经验丰富。其中，在供职于世界自然基金会（WWF）期间，邓梁春参与和推动了国际民航组织（ICAO）框架下国际航空碳减排市场机制的谈判。邓梁春先生还在Nature Sustainability等中外学术期刊上发布多篇论文和报告。

演讲亮点

Presentation Highlights

- 国际民航组织第41届大会达成2050年净零碳排放的长期理想目标，成为引领民航业未来方向和塑造民航业绿色低碳发展的重要基础。
- 中国亟待制定民航业中长期绿色低碳发展、尤其是SAF开发利用的战略、目标和政策，从而支持SAF产能的提升与产业的发展，以充分释放其到2050年助力民航减排65%的潜能。
- 各国政府、投资人、评级机构、公司客户等关键利益方，越发关注和要求民航企业在环境、社会及公司治理（ESG）领域的信息披露与绩效表现，国际航协正推动建设契合民航业特点的ESG报告体系。



何英慧

国际航空运输协会
北亚区销售总经理



何英慧女士在2005年加入国际航空运输协会，负责航协香港业务。在今年初，她被委任为北亚区销售总经理，她累积了接近30年的航空运输经验。

演讲亮点

Presentation Highlights

- 为甚么航协要有销售？
- 航协产品益处
- 销售部人员介绍



墨泰 Matt Moody

英国驻广州总领事 / Consul-General in Guangzhou



墨泰先生自2022年7月正式就任英国驻广州总领事。代表英国政府参与华南六省的交流合作事务，包括广东、福建、广西、海南、湖南和江西。

墨先生于2002年加入英国外交、联邦事务及发展部 (FCDO)。在北京大学学习汉语后，2006年-2008年，他在英国驻广州总领事馆开始了首个海外任职。之后返回伦敦领导FCDO的中国部门下的团队。

2012年-2015年，墨先生在英国驻新加坡高级专员公署先后担任政治参赞及副高级专员的职位。其后，2015年-2019年，墨先生在英国驻联合国使团担任发言人和新闻主管一职。返回英国后，

他出任FCDO的战略传播负责人。墨先生汉语流利，拥有英国开放大学的商务管理硕士学位。

Matt Moody took up his post as Consul-General Guangzhou in July 2022. He leads the UK Government's engagement in the provinces of Guangdong, Fujian, Guangxi, Hainan, Hunan and Jiangxi in South China.

Matt joined the Foreign, Commonwealth & Development Office (FCDO) in 2002. After completing Mandarin language training at Peking University, he took up his first overseas posting, also in the British Consulate-General Guangzhou, from 2006 - 2008. Matt then returned to London to lead a team in the FCDO's China Department.

From 2012 - 2015, Matt served as Political Counsellor, then Deputy Head of Mission, at the British High Commission in Singapore.

Matt then went on to serve as Spokesperson and Head of Communication for the UK Mission to the United Nations in New York from 2015 to 2019. On his return to London, he was the FCDO's Head of Strategic Communication.

Matt speaks Mandarin Chinese and has a Master of Business Administration degree from The Open University.



孙德富 Defu Sun

中国民用机场协会 / CCAA
副秘书长 / Deputy Secretary



孙德富，原民航华北地区管理局副巡视员，现为中国民用机场协会副秘书长。1973年参加工作，研究生学历，高级政工师，长期从事民航行业、行政和党务管理工作，具有较强的理论功底和丰富的管理经验，在业内报刊发表多篇理论研究文章。

Mr Defu Sun, former Deputy Inspector in CAAC North China Region Administration, is currently Deputy Secretary of CCAA.

Mr. Sun began working in 1973 with a master degree. He has decades of working experience in the civil aviation industry, involving administration and Party management work, with rich management experience and solid industry theory foundation. He published several theory study and research articles in sector newspaper and magazines through all these years.



郭玥婷 Anya Guo

英国标准协会 / British Standards Institution China
战略业务发展总监 / Strategic Business Development &
Product Marketing (BD&PM) Director



BSI (英国标准协会) 中国区战略业务发展总监, 牵头负责民航业和智能网联汽车业务发展规划, IAPP Knowledge-net China Co-chair 国际隐私专家协会中国知识社区前任联合主席。毕业于中国人民大学、北京第二外国语学院, 14年从业经验, 负责推进GRC以及创新协同领域相关管理标准的应用和研究, 包括在中国推进ISO 37301合规管理体系、ISO/IEC 27701隐私信息管理体系、ISO /SAE 21434汽车网络安全工程、ISO 44001合作商业关系管理体系、PAS 3000智慧办公、ISO 23592、ISO/TS 24082卓越服务、ISO 22458消费者脆弱性、ISO 20400可持续采购、BS8001循环经济等一系列新标准的普及意识和宣导。帮助企业 在合规经营、高质量发展等领域设计和推进管理专项, 有效提升绩效水平和风险防控能力。过去十年, 带领团队支持首都机场集团、新疆机场集团、海航机场集团、国航、海航、深航等若干管理提升专项。

Anya Guo, Strategic Business Development & Product Marketing (BD&PM) Director at BSI (British Standards Institute) China, leading business development in civil aviation industry and ICV sectors, former co-chair of International Association of Privacy Professionals (IAPP) Knowledge-net China.

Graduated from Renmin University of China and Beijing Second Foreign Language Institute, with 14 years of experience, she is responsible for promoting, implementation and research of relevant management standards in GRC and innovation collaboration areas, including ISO 37301 compliance management system, ISO/IEC 27701 privacy information management system, ISO/SAE 21434 Road vehicles—Cybersecurity engineering, ISO 44001 collaborative business relationship management system, PAS 3000 smart working, ISO 23592, ISO/TS 24082 excellent service, ISO 22458 Consumer Vulnerability, ISO 20400 Sustainable Procurement, BS 8001 Circular Economy, etc. Help enterprises design and implement projects in the areas such as compliant operation and high-quality development. In the past decade, she led the team to support dozens of management improvement projects with Capital Airport Group, Xinjiang Airport Group, HNA Airport Group, Air China, HNA, Shenzhen Airlines, etc.

演讲亮点

Presentation Highlights

- 卓越服务系列标准发展和要求讲解
- 包容性服务认证机制发布
- 包容性服务白皮书发布

- Roadmap of excellent service standards
- Inclusive service Kitemark Launching
- Inclusive service Whitepaper Launching



包研 Joern Baumgarten

罗尔斯罗伊斯动力系统（苏州）有限公司 / Rolls-Royce Solutions (Suzhou) Co. Ltd
大中华区战略，业务发展和项目管理副总经理 / Vice President Strategy, Business Development & PM, Greater China



包研在现今的罗尔斯-罗伊斯动力系统业务部门工作超过15年。2004年从德国汉诺威大学获得机械工程学位后他在安特优（MTU，后来并入罗尔斯-罗伊斯公司）以研发工程师开始他的职业生涯。在2006年他调到安特优底特律柴油机业务部门担任项目经理管理复杂发动机研发和所有内部及外部的测试设施。在2009年包研开始领导在底特律的安特优美洲研发机构以大力扩展在美国的工程能力。在2013年他负责的领域增加了质量管理并且开始担任安特优北美工程和质量总监。包研在2020年来到中国上海并在罗尔斯-罗伊斯动力系统担任中国区工程和质量副总经理负责建设工程和质量能力。在2022年四月他开始担当现在的职务以领导公司从提供产品转型到提供满足碳中和目标的可持续解决方案的公司。

Joern is with today's Rolls-Royce business unit Power Systems for more than 15 years. He started his carrier, after receiving his Mechanical Engineering Diploma from the University of Hannover, Germany at former MTU Friedrichshafen, now part of Power Systems, as a development engineer in 2004.

He relocated to former MTU Detroit Diesel in the US in 2006 as a Project Manager in engine development, managing complex engine development and taking responsibility for all internal and external testing facilities. In 2009, Joern took over responsibility for former MTU America's R&D organization in Detroit to greatly expand the US engineering capabilities. In 2013, his field of responsibility expanded by adding the US quality organization in the role of Director, Engineering and Quality North America.

Joern recently relocated to Shanghai, China for Rolls-Royce Power Systems in 2020 to build up the engineering and quality capabilities in China in the role of Vice President Engineering Greater China. In April 2022, he took the current role leading the company's transition from a product to a smart and sustainable solution provider with clear NetZero targets in China.

演讲亮点

Presentation Highlights

- 分析当今机场的电力需求以及航空公司和新能源飞行器的脱碳目标所产生的影响。
- 通过利用当前和未来的不同技术，可以获得哪些低碳机场电力解决方案。
- 必要的行业合作和政策变化，可以加速低碳机场电力解决方案的部署
- Analysis of today's power demand of airport and the implication generated by the decarbonization objectives of airlines and new energy fly vehicles.
- What low carbon airport power solutions are available by utilizing different current and future technologies.
- Required industrial collaboration and policy changes which can accelerate the deployment of low carbon airport power solution



谭德宁 Daniel Tyzack

Air bp
BP 航空副总裁 / Managing Director of Asia Pacific



谭德宁于2019年2月被任命为碧辟航空副总裁，负责亚太地区的航空业务。在最近一次任命之前，谭德宁曾作为副总裁负责澳大利亚和新西兰市场，其职责是负责供应和优化端到端的碳氢化合物供应链。在过去的15年中，谭德宁在欧洲和亚太地区担任高级职务，并参与了重大并购交易。Daniel目前担任Air Refuel Pty Ltd董事会成员，此前曾担任碧辟澳大利亚有限公司 (BP Australia Pty Ltd.)、英国石油管道公司 (United Kingdom Oil Pipeline) 和英国石油工业协会 (United Kingdom Petroleum Industry Association) 等多个董事会成员。

Daniel was appointed to the role of Vice President Aviation Asia Pacific in February 2019, where he leads the aviation business across the region.

Directly prior to his most recent appointment Daniel was the Vice President Supply and Optimization for Australia and New Zealand where his responsibilities encompassed the end to end hydrocarbon value chain.

Over the past 15 years Daniel has held senior roles across Europe and Asia Pacific and been involved in major M&A transactions.

Daniel currently sits on the board of Air Refuel Pty Ltd and has previously sat on various boards including BP Australia Pty Ltd, United Kingdom Oil Pipeline, and the United Kingdom Petroleum Industry Association and was a previous member of the UK Institute of Directors.



黄维杰 Frederick Wong

奥雅纳 / Arup
总工程师 / Chief Engineer

ARUP

黄维杰是奥雅纳的总工程师和副总监，专门从事可持续发展策略和设计开发。黄维杰在绿色和可持续设计方面拥有超过25年的经验，参与过众多东亚地区国家的绿色和可持续项目设计工作，在中国大陆办事处工作近20年。他领导着奥雅纳在中国的气候、碳和可持续发展相关业务。他的经验包括带领建筑、基础设施、地区发展的设计和咨询团队，以及为企业提供策略咨询服务。除了为企业、政府及公共服务部门提供解决方案外，黄维杰还参与并领导了各种可持续性和建筑环境领域的研究机构、学术界和专业组织的多项研究。

Frederick Wong is a Chief Engineer and Associate Director of Arup, specializing on sustainability, zero carbon, energy related strategies and designs development. Frederick has more than 25 years' experience in countries of East Asia region and based in offices in mainland China for almost 20 years. He developed the green and sustainable design business in Arup China, and now leading climate change, zero carbon and energy related business in City and Advisory Group. His experience includes leading design and consultancy teams for buildings, infrastructures, district development, and also strategic advisory works for corporates. Other than providing solutions for private and public client sectors, Frederick involved and led a number of research with various research institutes, academics and professional organizations in the fields of sustainability, energy and building environment.

演讲亮点

Presentation Highlights

- 机场和机场片区发展碳排放范围界定
- 碳排放控制策略的相互作用
- 案例研究
- Airport and Airport District Development Carbon Emission Scoping
- Interaction of Carbon Emission Control Strategies
- Case Studies



格雷厄姆·博尔顿 Graham Bolton

Mott MacDonald 莫特麦克唐纳 / Mott MacDonald
莫特麦克唐纳全球航空董事 / Global Aviation Practice Leader



格雷厄姆·博尔顿，英国注册工程师，英国机械工程院会员，工程学硕士；他是莫特麦克唐纳公司的全球航空董事，也是英国航空集团的副主席（前任主席）。他在航空领域拥有超过30年的经验，曾参与欧洲、海湾阿拉伯国家、东亚、澳大利亚和北美主要机场的战略规划、资本开发和业务转型项目。他凭借与行业领袖、全球行业机构和政府代表合作的经验，对全球机场发展和行业趋势有着深入的了解。通过与政策决策者、行业团体、全球的客户和学者合作，积极参与可持续航空和未来飞行的倡议。

Graham Bolton CEng, MIMechE MA MEng is Global Aviation Leader at Mott MacDonald, and Vice Chair (immediate past Chair) of the British Aviation Group. He has over 30 years' experience in aviation, including strategic planning, capital development and business transformation programmes for major airports across Europe, GCC, East Asia, Australasia and North America. He brings insight into global airport development activity and industry trends, with experience of working with industry leaders, global industry bodies and government representatives. He is actively involved in initiatives on sustainable aviation and future flight through work with policy makers, industry groups, global clients and academe.

演讲亮点

Presentation Highlights

- 基础设施在发展净零航空中所面临的挑战
- 为实现净零航空，采用系统方法规划、设计航空基础设施的益处
- Challenges to developing infrastructure for net zero aviation
- Benefits of a systemic approach to planning and design of aviation infrastructure for net zero



陆佳佳 Joanna Lu

Cirium 睿思誉 / Ascend by Cirium
亚太区咨询负责人 / HEAD OF CONSULTANCY ASIA



Joanna 在航空和咨询业务领域拥有 16 年的专业经验，是政府、监管机构、金融机构、原始设备制造商、航空公司和机场值得信赖的顾问。Joanna 在Cirium香港办事处担任咨询团队亚太区的负责人，以支持对项目团队的整体指导，并确保寻求最高的报告质量。

她在提供高质量咨询服务和帮助客户找到解决最复杂问题的解决方案方面经验丰富。Joanna 专门从事机场规划和设计、航空公司和机场战略规划、OEM 市场研究、网络开发、环境影响评估和货运市场分析。Joanna 熟悉全球和亚洲航空市场和行业法规。她为Cirium在亚洲的主要客户所熟知，并且是航空业发展的定期媒体评论员。Joanna 拥有拉夫堡大学机场规划与管理

硕士学位和上海工程科技大学航空管理学士学位。

With 16 years professional experience in the aviation and consultancy business, Joanna is a trusted advisor to governments, regulators, investors, OEMs, airlines and airports.

Joanna will act as Project Director in this project from our Hong Kong office to support the overall guidance to the project team and ensure the highest report quality is sought.

She is experienced in providing high quality advisory services and helping clients to find solutions in addressing the most complicated issues. Joanna specialises in airport planning & design, airline & airport strategic planning, OEM market studies, network development, environmental impact assessment and cargo market analysis. Joanna is familiar with the global and Asia aviation market and industry regulations. She is well known by our key customers in Asia and a regular media commentator on aviation industry developments. Joanna holds an MSc in Airport Planning and Management from Loughborough University, and a BEng in Aviation Administration from Shanghai University of Engineering Science.

演讲亮点

Presentation Highlights

- 市场概况和后疫情趋势
- 亚太区域国际航空连通性的恢复
- 航空公司的可持续性倡议；机场新机遇
- Market overview and Post-covid trend
- Connectivity recovery in Asia Pacific
- Sustainability initiatives from airlines ; Airports to catch the new opportunity



Monette Pasher

加拿大机场协会 / Canadian Airports Council
总裁 / President



Monette 拥有 20 年的行政领导和旅游营销经验，对加拿大的机场和政策环境有着广泛的了解。她在政府和媒体关系、战略规划、航空和旅游营销方面拥有丰富的经验。

Monette 是一位经验丰富的协会领导者，在全球疫情爆发之前和整个大流行期间都成功地支持了加拿大东部大西洋地区的机场，提升了该地区机场行业的形象。她和联邦及省政府官员以及加拿大的航空公司建立了牢固的关系。

在我们这个行业最为艰巨的时刻，Monette 欣然与加拿大的众多机场合作，和大家一起持续应对 COVID-19 疫情并且关注我国机场的复苏问题。

Monette 从旅游业开始她的职业生涯，曾在斯科舍省工作，在那里负责一个行业与政府的伙伴关系项目，旨在为该省制定战略规划。之后，她搬到爱德华王子岛，带头开展新的公共和私人旅游产业伙伴项目。Monette 来自斯科舍省布雷顿角，拥有圣文森特山大学旅游和商业学士学位。

Monette has 20 years of executive leadership and tourism marketing experience and possesses extensive knowledge of Canada's airports and policy landscape. She brings a wealth of experience in government and media relations, strategic planning, aviation and tourism marketing.

Monette is a proven association leader, having successfully supported Atlantic Canada's airports both prior to and throughout the pandemic, raising the profile of Atlantic Canada's airport community, and building strong relationships with federal and provincial government officials and Canadian air carriers.

Monette is pleased to work with Canada's airports in this pivotal time for our industry, as we continue to respond to the ongoing COVID-19 pandemic and address recovery for our country's airports.

Monette began her career in the tourism industry working for the Province of Nova Scotia where she managed an industry and government partnership responsible for strategic planning for the Province. She then moved to Prince Edward Island to spearhead the development of a new public and private tourism partnership. Monette is from Cape Breton, Nova Scotia and holds a Bachelor's Degree in Tourism and Business from Mount Saint Vincent University.

演讲亮点

Presentation Highlights

- 加拿大的机场遭受疫情重创
- 为了迎来复苏并走向未来，机场正在与政府合作简化流程，以更快、更有效、更高效地运送旅客进出和通过机场。
- 面对气候变化和供应链中断，加拿大的机场正在发挥领导作用。机场正在采取行动并进行投资，以确保自身不仅为减少碳排放和保持国际供应链竞争力做好准备而且还要制定长期规划。
- Canada's airports were deeply impacted by the pandemic.
- To move beyond recovery and into the future, airports are working with government to streamline processes to move travellers to, from and through airports faster, more effectively and more efficiently.
- Canada's airports are taking a leadership role in the face of climate change and supply chain disruptions. Airports are taking action and making investments to ensure that they are not only prepared for but are charting the course for carbon reductions and competing in the global supply chain.



Tom Ruth

加拿大埃德蒙顿国际机场 / Edmonton International Airport (YEG)
总裁兼首席执行官 / President and CEO



作为埃德蒙顿机场的总裁兼首席执行官, Tom 负责管理和运营加拿大第五繁忙的机场埃德蒙顿国际机场 (YEG) 以及为埃德蒙顿都会区的通用和休闲航空提供服务的维伦纽夫机场。在 Tom 的领导下, YEG 在航空客货运服务方面取得了显著增长, 其运营的直飞航线将埃德蒙顿都会区与加拿大境内、美国和欧洲的 50 多个目的地城市连接起来, 还有货运航班往返亚洲。在加入埃德蒙顿机场之前, Tom 曾担任哈利法克斯国际机场的总裁, 并曾任加拿大北方航空公司总裁。他还在加拿大、美国、欧洲和亚洲的货运和物流行业担任过高级管理职务。

作为来自加拿大的董事会代表成员, Tom 最近结束了他在国际机场理事会 (ACI) 全球总会以及北美分会的任期。目前他正担任加拿大机场委员会 (CAC) 的董事, 也是前任主席。

汤姆目前还在 Airlink 董事会任职, 这是一个非营利组织, 其使命是与航空和物流业开展合作, 为应对全球突发灾难和其他人道主义危机, 向知名非政府组织运送救援人员和应急物资。

Tom Ruth 先生不久前被授予 2022 年度女王白金禧奖。

As President and Chief Executive Officer of Edmonton Airports, Tom is responsible for the management and operation of Edmonton International Airport (YEG), Canada's fifth busiest airport, and Villeneuve Airport which serves the Edmonton Metro Region's general and recreational aviation sectors.

Under Tom's leadership, YEG has seen significant growth in both passenger and air cargo service, connecting the Edmonton Metropolitan Region with direct flights to over 50 destinations within Canada, the US and Europe and cargo to and from Asia. Prior to joining Edmonton Airports, Tom was President of Halifax International Airport, and was formerly President of Canadian North Airlines. He has also held senior executive positions throughout Canada, United States, Europe and Asia in the cargo and logistics industries.

Tom recently concluded his term as one of Canada's representatives on the Airports Council International (ACI) World Governing Board and the Airports Council International - North America (ACI-NA) Board of Directors. He currently serves as a Director and past Chair of the Canadian Airports Council (CAC).

Tom currently serves on the Board of Airlink, a nonprofit organization whose mission is to work with aviation and logistics partners to transport relief workers and emergency supplies for reputable non-governmental organizations responding to rapid-onset disasters and other humanitarian crises around the globe.

Mr. Ruth was recently announced as a recipient of the Queen's Platinum Jubilee Award for 2022.

演讲亮点

Presentation Highlights

- 埃德蒙顿国际机场的可持续发展计划
- 机场属地上的现有商业与未来扩展
- 打造一个服务所有人的机场
- Sustainability initiatives at YEG
- Businesses and expansions on airport lands
- Creating an airport for everyone



Francis Gagnon

魁北克省政府驻北京办事处 / Québec Government
Office in Beijing
主任 / Director



高正清(Francis Gagnon)先生自2021年起担任魁北克政府驻北京和青岛办事处主任。在此职位上,他代表魁北克政府在中国北方地区促进贸易、投资、文化和教育交流。他在2019年被任命为魁北克政府驻北京办事处经济主管,至今仍同时在担任这一职务。

在来中国之前,高正清先生一直以不同的身份致力于促进魁北克的经济发展。作为魁北克经济与创新部Laval市分部的经济发展顾问3年期间,他大力协助企业发展业务以及提供财务支持,随后高正清先生被派往魁北克政府多伦多办公室带领经济团队。高正清先生于2016年回到蒙特利尔,为魁北克政府颁布的第一个工业4.0行动计划做出了贡献。之后他在魁北克省礼宾部办公室任职,负责了多位外国政要正式访问。

Mr. Francis Gagnon is Director of the Bureau du Québec à Beijing since 2021. He represents the Québec Government in northern China, promoting trade, investment, cultural and education exchanges. He came to China as head the Economic Affairs Division of the Bureau in 2019, a role he is still acting today.

Before his appointment, Francis has been working to promote the economic development of Québec under different capacity. After 3 years assisting companies to grow their business and financially supports their projects as an Economic Development Adviser for the Laval branch of the Ministry of Economy and Innovation, Francis was sent to head the Economic Affairs Team at the Bureau du Québec à Toronto. Francis came back to Montreal in 2016 and contributed to the first Industry 4.0 Action Plan by the Quebec. He then moved to the Quebec Protocole office where he worked on multiple foreign dignitaries' official visits.

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Zhengzheng Cai

魁北克省政府驻北京办事处 / Québec Government
Office in Beijing
商务官员 / Commercial officer



蔡铮铮女士自2018年起担任魁北克政府驻北京办事处的商务官员,她负责航空航天、建筑和高新技术行业。

Ms. Cai Zhengzheng is commercial officer of the Québec Government Office in Beijing since 2018. She is responsible of sectors of aerospace, construction and technologies.

演讲亮点

Presentation Highlights

- 魁北克是全球航空航天枢纽
- 蒙特利尔 - 特鲁多国际机场在清雪方面的专长
- 魁北克省在机场建设和运营的各个方面提供了优秀的解决方案
- Québec is a global aerospace hub
- YUL Montreal-Trudeau international Airport's expertise in snow-clearing
- Québec provides excellent solutions in all aspects of airport construction and operation.



Oscar Faoro

加拿大林业投资创新署 / Forestry Investment
Innovation
专家技术顾问 / Expert Technical Consultant



Oscar Faoro为美国木制品委员会 (USWW)、两国软木板材委员会 (BSLC)、林业创新投资署 (FII)、加拿大木材委员会 (CWC)、加拿大木业协会 (CW) 以及公共和私营林产品和建筑业公司提供战略业务和项目管理服务20多年。

Faoro先生曾对以下公共重木结构项目提供项目管理、协调、评估和咨询:

- 林业创新投资署重木结构示范项目资助计划—1阶段和2阶段项目
- USWW/加州重木结构示范项目竞赛
- BSLC/软木板材委员会/美国农业部-美国高层木建筑奖竞赛
- 加拿大自然资源部 (NRCan) /CWC - 加拿大高层木建筑示范项目倡议
- NRCan-加拿大正交胶合木 (CLT) 示范项目倡议
- CWC最初提出的概念和后续行动, 使不列颠哥伦比亚省和加拿大的轻质木结构建筑规范突破到六层
- CWC/NRCan/FII项目, 促进在2010年温哥华奥运会中创新的工程木产品的应用

Oscar Faoro has provided strategic business and project management services to US Woodworks (USWW), the Binational Softwood Lumber Council (BSLC), Forestry Innovation Investment Ltd. (FII), the Canadian Wood Council (CWC), the Canada Wood Group (CW), and public and private forest products and construction industry companies for more than 20 years. Mr. Faoro has project managed, coordinated, evaluated and advised on the following public mass timber initiatives:

- the Forestry Innovation Investment Ltd Mass Timber Demonstration Program – Intake #1 and #2
- the USWW/California Mass Timber Demonstration Project Competition
- the BSLC/Softwood Lumber Board/US Department of Agriculture - US Tall Wood Building Prize Competition
- the Natural Resources Canada (NRCan)/CWC - Canadian Tall Wood Demonstration Project Initiative
- the NRCan - Canadian Cross Laminated Timber (CLT) Demonstration Project initiative
- the initial CWC developed concept and follow up that led to code acceptance of six (6) story light wood frame construction in British Columbia and Canada
- the CWC/NRCan/FII program to include innovative engineered wood applications in the 2010 Vancouver Olympics

演讲亮点

Presentation Highlights

- 可再生资源的环境效益
- 改进的施工方法, 提高进度和节约成本
- 开发商和投资者的驱动力
- Environmental benefits of a renewable resource
- Improved construction methodologies resulting in schedule and cost savings
- Drivers for Developers and Investors



Gregoire James

国际航空废弃物治理协会 / International Aviation Waste Management Association (IAWMA)
商务总监 / Commercial Director



James 先生目前担任国际航空废弃物治理协会的商务总监，该协会是在美国国家科学院发表的一项关于全球废弃物及回收的研究项目之后成立的。研究结果强调需要先进的循证循环经济知识平台来阻止线性消费引起的问题。该项研究由美国联邦航空管理局 (FAA) 赞助，评审回收航空业可回收物的一系列政策、法规和实践。

Mr. James currently serves as Commercial Director of the International Aviation Waste Management Association, founded after a global waste and recycling study published by the National Academies of Sciences. Findings highlighted the need for an advanced evidence-based circular economy knowledge platform to stem issues arising from linear consumption. The study, sponsored by the US Federal Aviation Administration (FAA), reviewed a cross-section of policies, regulations, and practices in recovering recyclables from the aviation industry.

演讲亮点

Presentation Highlights

- 介绍 ACRP 11-02/ 任务 28 和其资助者：美国联邦航空局和机场合作研究计划
- 航空可持续性的定义——航空业如何在新兴的可持续发展世界中满足乘客的需求
- IAWMA 在市场上的活动——协助机场可持续发展进程
- ACRP 11-02/Task 28 Funder: Federal Aviation Administration and Airport Cooperative Research Program - Introduction
- Definition of Sustainability for Aviation - How the aviation industry can keep up with the demands of passenger in an emerging sustainable world
- IAWMA activity in the market - aiding the process of airport sustainability



林丰坚 Hong Kian Lim

盛裕集团 / Surbana Jurong Group
北亚区首席执行官 / CEO, North Asia



林丰坚先生是盛裕集团北亚区负责人，也是符合LEED标准、专业BIM管理的建筑师，涉猎广泛，从大型商业综合体、交通和住宅到总体规划、城市设计。他大力提倡可持续和创新解决方案，致力于将创新和变革想法运用至建设项目中。他也是经验丰富的商业领袖，不仅专注于建筑设计本身，也具备全球化视野和专业客观的决断力。

Mr Lim Hong Kian heads the North Asia division of Surbana Jurong. Mr Lim is a registered architect with the Singapore Board of Architects, a LEED Accredited Professional and a BIM management expert, and has an extensive and diverse international portfolio of projects from large-scale commercial mixed-use, transport and residential projects, to master and urban planning developments. Mr Lim is a strong advocate for sustainable solutions, working to translate innovative and transformative ideas into built projects, and is committed to creating work that is "urbanistic, humanistic, and optimistic". He is a seasoned business leader who focuses not only on architecture, but also on issues and challenges in the industry and profession, actively participating in major business forums and seminars, sharing and exchanging insights, and exploring new directions in architectural design.

演讲亮点

Presentation Highlights

- 新加坡工业 4.0 试验台——裕廊创新区基本介绍
- 工业园区的创新和可持续——裕廊创新区基础设施规划
- Singapore Industry 4.0 testbed - Jurong Innovation District General Introduction
- Industrial Park's refresh and sustainable -Jurong Innovation District Infrastructure Planning - Innovative and Sustainable



刘波 Bo Liu

新加坡新翔集团 / SATS Ltd.
副总裁（口岸服务），北京首新地面服务有限公司总经理 / Vice
President (Gateway Services) & GM Beijing CAH SATS
Aviation Services



新加坡新翔集团副总裁（口岸服务）并从2019年起至今在北京首新航空地面服务有限公司担任总经理一职。在2019年之前在新加坡航空公司总部及海外分公司担任不同的职位。

Vice President, Gateway Services of SATS Ltd and General Manager of Beijing CAH SATS Aviation Services since 2019. Previously with Singapore Airlines for 18 years holding various positions at both Singapore head office as well as overseas regions.



毛莉 Li Mao

安随信息科技（上海）有限公司 / Ascent China
总经理 / General Manager



毛莉，任职Ascent China 的总经理。在供应链、物流、软件行业的美国及中国企业工作超过20年。致力于将物联网技术应用到中国的供应链、物流领域。

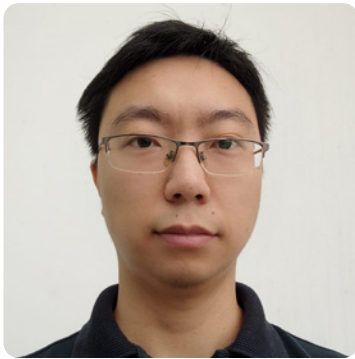
Li Mao, GM of Ascent China. She had been working for American and Chinese companies for more than 20 years across supply chain management, logistics and software industries, devoted to innovatively implement IoT into Chinese supply chain and logistics field.

演讲亮点

Presentation Highlights

- 智能基础设施 - ATLAS Link
- 机场的车辆和无动力设备的追踪管理
- 工业领域的应用如何拓展到机场运营管理方面

- Smart Infrastructure - ATLAS Link
- IoT applications for airports e.g. tracking of airport vehicles and non-motorized assets
- Discuss how IoT has helped parallel industries (e.g. construction)



郑新原 Xinyuan Zheng

新加坡航空虚拟有限公司 / Aviation Virtual Pte Ltd
高级开发师，项目组长 / Senior Programmer, Team-Lead



教育经历:

2013 - 2016: 德国汉堡工业大学 (国际技术管理硕士)

2012 - 2015: 南京航空航天大学 (航空工程硕士)

2008 - 2012: 南京航空航天大学 (飞行器设计学士)

工作经历: 2020-2022: 新加坡航空虚拟有限公司 (高级开发师, 项目组长)

项目经验: 机场地下管线增强可视化应用、飞机加油虚拟培训系统、机场服务虚拟培训系统、计算流体力学 - 虚拟风洞系统、安全流程训练模拟系统、飞机消防模拟系统、无人机数字孪生系统

Education:

2013 - 2016: Technischen Universität Hamburg Harburg (Master of Technology Management)

2012 - 2015: Nanjing University of Aeronautics and Astronautics (Master of Aerospace Engineering)

2008 - 2012: Nanjing University of Aeronautics and Astronautics (Bachelor of Aircraft Design)

Work Experience: 2020-2022: Aviation Virtual Pte Ltd (Senior Programmer, Team-Lead)

Project: Augmented Underground Services Viewer for Airport Runway Area, Aircraft Refueling Training Simulation System, Airport Service Training Simulator, Computational Fluid Dynamics - Virtual Wind Tunnel, Virtual Safety Behaviour Training System, Aircraft Fire-Fighting Training Simulation System, Drone PID Digital Twin

演讲亮点

Presentation Highlights

- 公司及相关技术介绍
- 项目应用实例展示
- 解决方案优势分析
- Introduction of the company and technology
- How it works and can be used with project showcases
- What are the benefits of our solutions



尹纳新 Naxin (Nancy) YIN

巴黎机场集团 / Groupe ADP
中国市场总监 / China Marketing Director



Nancy曾担任美国公司的高级总裁助理及中国区机场咨询顾问,她成功地协助ADP集团赢得首都机场国际融资招标,并为ADP集团在北京成立了代表处。2000年应ADP集团彼时CEO的邀请加入旗下。在她入职的20年里,她效力于ADP集团的两大海外子公司,将先进的机场管理理念及建筑设计专业技术介绍到中国市场,她带领ADPI设计团队赢得重庆T3、大兴国际机场、成都天府国际机场、广州白云T3、珠三角枢纽(广州新)机场以及南京T3等建筑概念招标。她目前的职位是巴黎机场集团/巴黎机场国际的中国区市场总监,她擅长机场管理咨询、项目管理、市场战略开发、政府关系。她见证了中国机场事业的蓬勃发展,也见证了巴黎机场集团在中国市场的崛起及壮大。

Nancy worked as Senior Assistant to the President and Airport Consultant in an American firm. She successfully assisted Groupe ADP in winning the international financing tender launched by BCIA and help the Groupe to establish its Representation Office in Beijing. In 2000, she joined the office at the invitation of the CEO of Groupe ADP. During her 20 years of employment, she has worked for the two overseas subsidiaries of Groupe ADP, introducing advanced airport management concepts and architectural design expertise to China. She led Groupe ADP team to won lots of airport conception design tenders, such as Chongqing T3 A, Daxing International Airport, Chengdu Tianfu International Airport, Guangzhou Baiyun T3, Pearl River Delta Hub (Guangzhou New) Airport and Nanjing T3. Her current position is China marketing director in the representation Office of Groupe ADP. Nancy is specialized in airport management consulting, project management, market strategy development and government relations. She has witnessed the vigorous development of China airports, and accompanied the rise and growth of Groupe ADP in China Market.

演讲亮点

Presentation Highlights

- 先进的空中交通设想出一个安全、高效的航空运输系统,使用高度自动化的电动飞机,在城市、郊区、农村和区域环境的低空空域运载旅客和货物。
- 在 Groupe ADP,我们将机场重新打造为创新交通动态的实验场,我们比以往任何时候都更致力于重塑明日的航空,加速先进空中交通的发展。
- 2024 实验场地点和路线。我们在巴黎大区成功构建了先进空中交通社区,并即将开始测试阶段。
- Advanced Air Mobility envisions a safe and efficient air transportation system that will use highly automated electric aircrafts to move people and cargo across the low altitude airspace, in urban , suburban , rural and regional contexts.
- We, at Groupe ADP, are rethinking our airports as living labs for innovative mobility dynamics and we are committed more than ever to reinventing the aviation of tomorrow and accelerating the development of the Advanced Air Mobility
- 2024 Experimental Sites and routes . We have successfully structured the Advanced Air Mobility community in the Paris region to start the testing phase

航站楼建设与安装

Terminal construction and installations

行李处理

Baggage handling

APC智能安检线

Advanced Passenger Checkpoint

产品优化时间 Product Optimization Time

2022



作为无缝端到端乘客旅程的一部分，范德兰德的智能安检线通过模块化设计理念，结合先进集成技术，提供查询追溯，增强安全保障，支持统一管理及数据分析，助力机场实现智慧运营管理。并为旅客带来满意的旅行体验。

As part of the seamless end-to-end passenger journey, Vanderland's APC solution helps the airport to achieve intelligent operation and management through modular design concept, advanced integration technology, security enhanced process and data analysis. It also brings satisfied travel experience to passengers.

生产企业 Supplier

范德兰德物流自动化系统(上海)有限公司
VANDERLANDE INDUSTRIES
LOGISTICS AUTOMATED SYSTEMS
(SHANGHAI) CO., LTD.

应用领域 Application Fields

机场安检区域
Airport security check area

- 业务流程: 通过数据绑定和分析, 智慧报表等提升机场业务管理流程和效率。
- 产品设计: 模块化设计, 方便安装、维护与拓展。
- 旅客体验: 符合人体工学, 科学实用的整体设计。
- Business process: improve airport business management process and efficiency through data binding and analysis, smart reports, etc.
- Product design: modular design, convenient for installation, maintenance and expansion.
- Passenger experience: the overall design is ergonomic, scientific and practical.

SBD自助行李托运

Self Bag Drop

产品上市时间 Product Launch Time

2022.10



作为范德兰德端到端机场行李处理解决方案的起点, 为中国机场客户提供量身定制的自助行李处理解决方案, 支持全流程行李追踪, 具备自助/人工模式切换, 提升机场布局及运营流程。

As the starting point of Vanderland end-to-end airport baggage handling solutions, it provides customized self-service baggage handling solutions for China airports. It can support full process baggage tracking, self-service/manual mode switching, which improves airport layout and operation process.

生产企业 Supplier

范德兰德物流自动化系统(上海)有限公司
VANDERLANDE INDUSTRIES
LOGISTICS AUTOMATED SYSTEMS
(SHANGHAI) CO., LTD.

应用领域 Application Fields

机场值机
Airport Check in

- 体验提升: 符合人体工学的人性化设计;
- 智能高效: 完整五面扫描, 高效识别行李条码;
- 安全可靠: 激光测距雷达防侵入方案, 快速隔离安全门;
- Experience improvement: humanized design with ergonomics concept;
- Intelligent and efficient: complete five side scanning, efficient identification of baggage barcode;
- Safe and reliable: use of laser ranging radar to avoid intrusion, high speed safety door;

*List in alphabetical order of the company name. 以公司名称首字母排序

TUBTRAX ICS 行李处理系统
TUBTRAX ICS BHS

产品优化时间 Product Optimization Time
2022



TUBTRAX 是范德兰德的高速独立载盘系统 - ICS 解决方案, 适用于对行李进行快速安检、运输、分拣和储存。在整个过程中, 独立载盘保护托运行李, 并通过 RFID 技术, 实现行李全流程追踪。

TUBTRAX is Vanderlande's high-speed individual carrier system (ICS) solution for the rapid screening, processing, transport and storage of baggage. Baggage will be protected by the tub during the whole process, and with the RFID, baggage can be fully tracked in the process.

生产企业 Supplier

范德兰德物流自动化系统(上海)有限公司
VANDERLANDE INDUSTRIES
LOGISTICS AUTOMATED SYSTEMS
(SHANGHAI) CO., LTD.

应用领域 Application Fields

机场托运行李处理
Airport check-in baggage handling

- 从行李托运到行李提取全程追踪和跟踪
- 支持载盘内安检
- 基于穿梭车的 ADAPTO BAGSTORE 系统实现行李存储和分拣
- Full track and trace from bag drop to reclaim
- In-carrier screening
- Storage and sorting with shuttle-based ADAPTO BAGSTORE

DuoDrive

产品上市时间 Product Launch Time
2022



DuoDrive 属于革命性的集成减速电机概念, 采用的可冲洗式卫生设计。它将高效的 IE5+ 电机与单级同轴斜齿轮减速机集成在一个外壳中。

DuoDrive is a revolutionary integrated gear unit/motor concept in hygienic wash-down design. It combines the high-efficiency IE5+ motor and a single-stage helical gear unit in one housing.

生产企业 Supplier

诺德(中国)传动设备有限公司
NORD (China) Power Transmission
Co. Ltd.

应用领域 Application Fields

机场、内部物流、食品、制药行业
Airport, intralogistics, food and
pharmaceutical industries

- 安装空间紧凑, 节省空间
- 高功率密度
- 噪音低, 运行安静
- Compact installation volume and thus space-saving
- High power density
- Quiet running through very low noise emissions

*List in alphabetical order of the company name. 以公司名称首字母排序

NORDAC PRO - SK 500P变频器
NORDAC PRO - SK 500P - Frequency Inverter

产品上市时间 Product Launch Time
2021



NORDAC PRO SK 500P 变频器可用于额定功率为 0.25 - 5.5 kW 的电机。由于其设计很紧凑，非常适合安装在控制柜中，节省空间。

NORDAC PRO SK 500P frequency inverters are available for motors with rated powers of 0.25 – 22.0 kW. With their very compact design, the so-called book size format, they are perfect for space-saving installation in control cabinets

生产企业 Supplier

诺德 (中国) 传动设备有限公司
NORD (China) Power Transmission
Co. Ltd.

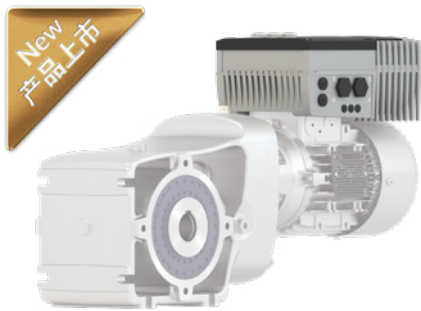
应用领域 Application Fields

机场、内部物流行业
Airport and intralogistics industries

- 可选的输入 / 输出扩展
- 安全停机功能: STO、SS1
- 内置 PLC 功能
- Optional In/Out extension
- Functional safety: STO, SS1
- PLC functionality for drive-related functions

NORDAC FLEX - SK 200E - 分布式变频器
NORDAC FLEX - SK 200E - Frequency Inverter

产品上市时间 Product Launch Time
2021



NORDAC FLEX 是分布式变频器中的高能产品,现已广泛应用于多个工程和工业领域。这不仅是因为其适用功率广泛 (高达 22 kW 绝非分布驱动技术中想当然的产品),而且还因为其附件齐全,具有广泛的功能选择性和灵活性。

The NORDAC FLEX, the all-rounder among decentralised frequency inverters, has established itself in almost all areas of engineering and industry. This is due not only to the wide range of available powers (up to 22 kW - which by no means is something that can be taken for granted in decentralised drive technology) but also to the wide selection of functions and the flexibility offered by its comprehensive range of accessories.

生产企业 Supplier

诺德 (中国) 传动设备有限公司
NORD (China) Power Transmission
Co. Ltd.

应用领域 Application Fields

机场、内部物流行业
Airport and intralogistics industries

- 以太网接口可以为每个选件模块扩展
- 可以直接在线切换 4 套参数集
- 集成线路滤波器
- Ethernet interface can be extended for each option module
- 4 parameter sets can be switched directly online
- Integrated line filter

*List in alphabetical order of the company name. 以公司名称首字母排序

行李搬运吸盘助力臂

Vacuum Lifter for luggage handling

产品优化时间 Product Optimization Time

2020.01



该吸盘助力臂可以协助现场工作人员轻松快速的搬运行李，而不用纯粹靠人力搬运。用于离港时将行李吸附到行李车，运送到停机坪。或者将飞机到港后拖车运输过来的行李，吸吊搬运到皮带输送线。通过悬挂在上方的高强度铝合金轨道，助力臂的移动范围可以覆盖 16m 长 *3m 宽的月台。

The operator use vacuum lifter to loading luggage from transport belt to trolley, and vice versa. It release operator and make lifting easily by vacuum suction cup instead of by manually. Move with aluminium rail, the lifter could cover 16m L*3m W platform.

生产企业 Supplier

上海汉尔得自动化设备有限公司
Shanghai HeroLift Automation Equipment Co., Ltd.

应用领域 Application Fields

用于行李在离港和到港时的装卸搬运
Loading or unloading luggage in arrival and departure belt line by vacuum lifter

- 省力搬运减少劳动强度，可以长时间操作不疲劳，搬运速度快
- 保护表面，减少摔伤和划伤
- 缓解招工难题，改善机场搬运工的工作条件

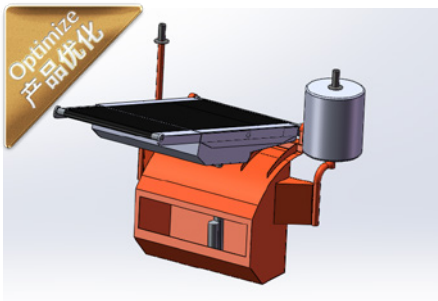
- Ergonomic, fast, easily, release labor work
- Protect luggage, reduce surface scratch
- Better environment, better worker

行李卸货输送皮带机

Luggage unloading belt

产品优化时间 Product Optimization Time

2020.10



该卸货输送皮带可以协助现场工作人员轻松快速的搬运行李，而不用纯粹靠人力搬运。用于到港时将行李从行李车拖可升降的皮带机上，皮带机自动搬运到皮带输送线。通过固定在地面的轨道，皮带的移动范围可以覆盖 3-16m 长的月台。

The operator use belt lifter to unloading luggage from trolley to transport belt . It release operator and make lifting easily by swivelling belt instead of manually. The belt lifter could swivel the platform electrically to meet different height for luggage. Move with rail fixed on ground, the lifter could cover 3-16m L platform.

生产企业 Supplier

上海汉尔得自动化设备有限公司
Shanghai HeroLift Automation Equipment Co., Ltd.

应用领域 Application Fields

用于行李到港时的卸货搬运
To handle luggage in arrival and departure belt line by vacuum lifter

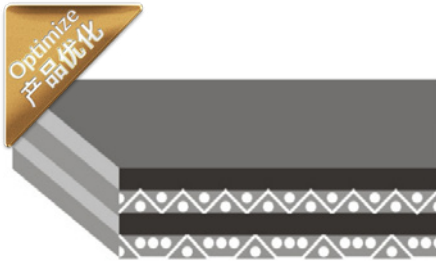
- 省力搬运减少劳动强度，可以长时间操作不疲劳，搬运速度快
- 保护表面，减少摔伤和划伤
- 缓解招工难题，改善机场搬运工的工作条件

- Ergonomic, fast, easily, release labor work
- Protect luggage, reduce surface scratch
- Better environment, better worker

U22-34/0DZA

产品优化时间 Product Optimization Time

2022.08



运用于机场行业平面输送，表面耐磨、耐刮，具有阻燃功能。

生产企业 Supplier

上海永利制带股份有限公司
ShangHai YONGLI Belting Co., Ltd.

- 底层织物采用带导电丝低噪音织物；
- 表层有横向稳定聚酯织物，表面耐磨、耐刮；
- 具有阻燃功能。

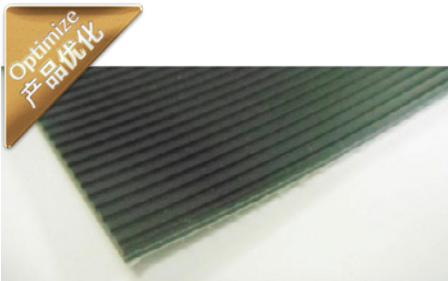
应用领域 Application Fields

机场行业平面输送

P22-36/19-21DZA

产品优化时间 Product Optimization Time

2022.09



运用于机场行业斜面输送或犁式分流机输送，阻燃符合 ISO 340 标准，抗静电符合 ISO 284 标准。

生产企业 Supplier

上海永利制带股份有限公司
ShangHai YONGLI Belting Co., Ltd.

- 表层有横向稳定聚酯织物，表面耐刮擦；
- 底层采用带导电丝织物，抗静电；
- 底层采用低噪音织物，输送带运行噪音小。

应用领域 Application Fields

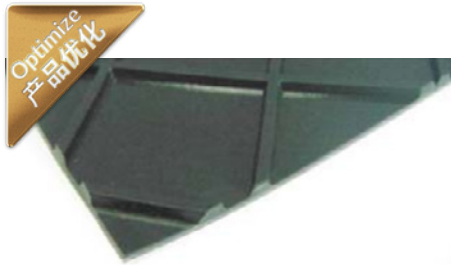
机场行业斜面输送或犁式分流机输送

*List in alphabetical order of the company name. 以公司名称首字母排序

P22-36/22-21DZA

产品优化时间 Product Optimization Time

2022.10



运用于机场行业值班机柜台输送或犁式分流机输送，阻燃符合 ISO 340 标准，抗静电符合 ISO 284 标准。

生产企业 Supplier

上海永利制带股份有限公司
ShangHai YONGLI Belting Co., Ltd.

- 表层有横向稳定聚酯织物，表面耐刮擦；
- 底层采用带导电丝低噪音织物，抗静电、噪音低；
- 阻燃符合 ISO 340 标准。

应用领域 Application Fields

机场行业值班机柜台输送或犁式分流机输送

VarioTray ICS 托盘

产品优化时间 Product Optimization Time

VarioTray

2022.02



西门子推出在能效、速度和吞吐量方面处于世界领先地位的独特 VarioTray ICS 托盘。在行李托盘 VarioTray 技术平台基础上，西门子进一步增强托盘本身设计，以满足客户多种营运需求。三种托盘可供选择，且能运行在同一行李处理系统中。

For the specific demands of large transfer airports, Siemens has designed the unique VarioTray, which is a world leader in respect to energy efficiency, speed and throughput. Siemens continuously enhances the trays for the VarioTray platform to meet evolving customer needs. The three available tray sizes are designed to run in the same BHS.

生产企业 Supplier

西门子物流自动化系统(北京)有限公司
Siemens Logistics Automation Systems
(Beijing) Co., Ltd.

- 新一代托盘采用轻型化设计，具有可靠坚固的底部结构
- 系统运行时，安全精确侧向制导功能，确保系统无失控状态
- 托盘前后采用高护板设计，更安全地载运行李
- 所有托盘均嵌入无线射频识别 (RFID) 芯片，实现载运行李精准追踪

应用领域 Application Fields

行李处理系统全自动高速小车 (ICS)
分拣系统
Baggage handling system (BHS) ICS

- Latest tray generation combines the lightweight model with the proven reliability of steel-bottom trays
- Safe and precise lateral guidance at all times, with no uncontrolled states,
- High back end for safer transport of baggage and a significantly reduced dropout rate
- All trays are equipped with radio-frequency identification (RFID)

*List in alphabetical order of the company name. 以公司名称首字母排序

VarioStore早到行李存储系统 VarioStore

产品优化时间 Product Optimization Time

2022.03



西门子 VarioStore 是基于一个高货架式行李仓库，早到行李存储在各自的托盘中。行李仓库采用提升与转运 (Lift&Run) 系统：通过升降机进行垂直运动，通过穿梭车进行水平运动。这些运动同时发生，但彼此独立。VarioStore 系统精确度非常高，比同类系统更快、成本效率更高。

An early bag store (EBS) is an essential asset for airports with a high number of transfer passengers as well as for airports that offer passengers the possibility to check in baggage early. To facilitate optimum resource usage, the EBS has to buffer early and overnight bags until the respective flight is ready to be processed. This complex requirement calls for a flexible and high-performing storage solution.

生产企业 Supplier

西门子物流自动化系统 (北京) 有限公司
Siemens Logistics Automation Systems
(Beijing) Co., Ltd.

应用领域 Application Fields

行李处理系统全自动高速小车 (ICS)
分拣系统
Baggage handling system (BHS) ICS

- 采用冗余升降机设计，如果发生故障，系统运行不受影响
- 穿梭车出现故障时，只会影响本层及本巷道，其他巷道或其他存储层的运行不受影响
- 充分的应急设计，支持行李可以通过铺设在巷道里的步道进行人工查验和提取。
- Should a fault occur, the impact is very limited due to the redundant retrieval lifts
- A fault on the shuttle impacts only one level and aisle; the rest of the EBS continues to work reliably
- Excellent fallback operation support as bags can be accessed via integrated walkways within the aisles

VarioTray ICS托盘倾翻卸载站 TilterPlus & SmartTilter

产品优化时间 Product Optimization Time

2022.02



VarioTray 平台提供两种全新的、独特的、创新的倾翻卸载设备。西门子 VarioTray ICS 托盘半动态和动态倾翻卸载站都能够向两个方向分拣行李，这减少了系统所需的设备，对不同的建筑空间适应力更强，一台倾翻卸载设备可以处理多个目的地的行李。

The VarioTray platform offers two unique tilting devices. Both our TilterPlus and our SmartTilter are capable of sorting to both directions, which reduces the required equipment as multiple destinations can be reached with one discharge unit.

生产企业 Supplier

西门子物流自动化系统 (北京) 有限公司
Siemens Logistics Automation Systems
(Beijing) Co., Ltd.

应用领域 Application Fields

行李处理系统全自动高速小车 (ICS)
分拣系统
Baggage handling system (BHS) ICS

- 变频驱动器 (VFD) 驱动
- 可编程逻辑控制器 (PLC) 控制
- 人机界面控制 (HMI) 控制
- 服务 Service 4.0 准备就绪
- 可连接性，可连接基于工业物联网操作系统的开发云平台
- Variable-frequency drives (VFD)
- Programmable logic controllers (PLC)
- Human-machine interface (HMI) controls
- Service 4.0 readiness
- Connectivity to the cloud-based, open IoT operating system

*List in alphabetical order of the company name. 以公司名称首字母排序

建筑/室内设计
Architectural / Interior design

座椅/休息室/其他家具
Seating / Lounges / Other furniture
(e.g. dispensers, shelving, display stands)

LS-501
LUCCA LS-501

产品上市时间 Product Launch Time
2022



充分考虑座椅与建筑空间的相互融合，基于人体工程学，甄选绿色环保原材料，以高品质的工艺与技术提供优质、多样化的产品，如多媒体接口等候椅，躺卧等候椅等，致力于营造舒适、便捷、安全的候车体验。

Take a seat - travel and wait in style with the Lucca LS-501 range. Extraordinarily durable, the robustness of this collection is rivalled only by its fast and simple construction. For this range, contemporary design means clear cut lines and modern materials - which can be mixed and matched from a choice of four metal finishes and four wood laminate finishes for the end table.

生产企业 Supplier

广东郦江科创实业有限公司
GUANGDO GUANGDONG LEADCOM
SEATING TECHNOLOGY CO., LTD.

应用领域 Application Fields

交通运输领域、医疗单位领域、其他领域
Airport and Passenger Terminal Waiting Areas

- 内部钢架支撑，一体发泡 PU 软垫
- 优质铝合金压铸成型
- 可选配茶几板或多媒体接口
- Simple and quick assembly with clamp-lock design - Clamp-lock aligns seat pans to beam in time-efficient way ensures higher flexibility for on-site row configuration adjustment
- Robot construction - Die-cast powder coated aluminum support/arm/leg ensure all-the-time durability and corrosion resistance
- Exclusive molded PU padding - built with a commitment to extraordinary durability to hold up scratches and heavy use

LS-502
CARTER LS-502

产品上市时间 Product Launch Time
2022



充分考虑座椅与建筑空间的相互融合，基于人体工程学，甄选绿色环保原材料，以高品质的工艺与技术提供优质、多样化的产品，如多媒体接口等候椅，躺卧等候椅等，致力于营造舒适、便捷、安全的候车体验。

Robust, yet of simple construction and very easy to maintain and clean, this comfortable waiting area chair features its own refreshments table. Contemporary in design, its clearly-defined modern styling will grace any waiting area.

生产企业 Supplier

广东郦江科创实业有限公司
GUANGDO GUANGDONG LEADCOM
SEATING TECHNOLOGY CO., LTD.

应用领域 Application Fields

交通运输领域、医疗单位领域、其他领域
Airport and Passenger Terminal Waiting Areas

- 内部钢架支撑，一体发泡 PU 软垫
- 优质铝合金压铸成型
- 可选配茶几板或多媒体接口
- Simple and quick assembly with clamp-lock design - Clamp-lock aligns seat pans to beam in time-efficient way ensures higher flexibility for on-site row configuration adjustment
- Robot construction - Die-cast powder coated aluminum support/arm/leg ensure all-the-time durability and corrosion resistance
- Exclusive molded PU padding - built with a commitment to extraordinary durability to hold up scratches and heavy use

*List in alphabetical order of the company name. 以公司名称首字母排序

LS-535Y FERMA LS-535Y

产品优化时间 Product Optimization Time

2022



充分考虑座椅与建筑空间的相互融合, 基于人体工程学, 甄选绿色环保原材料, 以高品质的工艺与技术提供优质、多样化的产品, 如多媒体接口等候椅, 躺卧等候椅等, 致力于营造舒适、便捷、安全的候车体验。

FERMA is made to the highest standards of comfort, durability and safety to accommodate the needs of travellers and terminal operators. Made from high-quality aluminum structure, it is built to last and withstand plenty of wear and tear. Straight, back to back and cluster configuration is available to suit different space requirements.

生产企业 Supplier

广东郦江科创实业有限公司
GUANGDO GUANGDONG LEADCOM
SEATING TECHNOLOGY CO., LTD.

应用领域 Application Fields

交通运输领域、医疗单位领域、其他领域
Airport and Passenger Terminal Waiting Areas

- 内部钢架支撑, 一体发泡 PU 软垫
- 优质铝合金压铸成型
- 可选配茶几板或多媒体接口
- Simple and quick assembly with clamp-lock design – Clamp-lock aligns seat pans to beam in time-efficient way ensures higher flexibility for on-site row configuration adjustment
- Robot construction – Die-cast powder coated aluminum support/arm/leg ensure all-the-time durability and corrosion resistance
- Exclusive molded PU padding – built with a commitment to extraordinary durability to hold up scratches and heavy use

建筑/室内设计 Architectural / Interior design

照明和暖通 Illumination, lighting, sun protection

LED三防灯

产品优化时间 Product Optimization Time

2022.02



LED 三防灯是在传统三防灯基础上取得创新突破, 可以完全替代传统防水 灯以及通过加装 LED 灯管来实现 LED 升级的三防灯, 一体化的灯具设计, 免维护, 产品高效发光、简洁、实用。

生产企业 Supplier

佑昌电器 (中国) 有限公司
Prosperity Group

应用领域 Application Fields

工矿领域、车间、仓库、超市、商场、餐厅、学校、医院、停车场、顶棚、走廊

- 坚固设计: IP65 以及 IK08 的防护等级, 抗紫外的 PC 外壳配合双色挤出工艺;
- 简便安装: 不锈钢螺丝, 不锈钢挂钩等附件 (含在配件包内);
- 接线方式: 旋转打开结构方便安装时灯具快速接线。

*List in alphabetical order of the company name. 以公司名称首字母排序

LED工矿灯
Highbay

产品优化时间 Product Optimization Time

2022.02



独特的Backup Clacking 备频技术设计,同样功率,更低的散热,更高的光输出,更长的寿命,最大光效可达 170lm/W, 寿命高达 10 年以上。全铝压铸灯体,不同于市面上廉价的鳍片式灯体, Slimtech 结构设计的灯体,在保证轻量化,减轻结构承重同时,提供最强防护, IP65, 抗冲击等级高达 IK09。Heatslot 热流道技术,使灯具工作温度更低,性能更稳定。石墨黑特殊喷涂工艺,使灯具具有抗污和低反射特性;

生产企业 Supplier

佑昌电器 (中国) 有限公司
Prosperity Group

应用领域 Application Fields

博物馆、展馆、体育场馆、仓储、隧道、
生产制造、采矿、石油、商超等

- 超过百年的专业光学设计经验, 60° 90° 120°多种配光选择, 满足不同高度对灯具配光需求。
- Triflection 技术, 通过高纯铝反射器、透镜与 LED 光学融合的多重光学方案, 为各种应用提供最优的照明解决方案。
- 高可靠产品保证长期稳定应用于不同场所。

空港支持设备和服务

Ground support equipment and services

机场服务设备

Airfield services equipment

围界入侵防控处置智能机器人

产品上市时间 Product Launch Time

2022.01



机器人的外轮廓为球形, 由动力装置驱动球壳内的多个摆锤分别绕球心摆动, 通过改变机器人质心的位置而产生滚动力矩。机器人具有水陆两栖, 全地形全天候适用, 对抗生存能力强, 运动速度快, 爬坡越障能力高等特点。

Luoteng robot is driven by a plurality of pendulums in the spherical shell, which swing around the center of the ball to generate rolling moment of force. The robot is amphibious, adapted to all-terrain and all-weather applications, with high speed, excellent obstacle surmounting and distinguished combat ability.

生产企业 Supplier

逻腾科技

应用领域 Application Fields

机场围界入侵防控、地下管廊巡检、水上及
城市公安巡逻、核辐射监测等场景。
Airport perimeter intrusion prevention
and control, patrol inspection of un-
derground pipe gallery, urban public se-
curity patrol, public security patrol on
water, nuclear radiation monitoring, etc.

- 先进的运动原理, 在任何地形条件和暴力对抗环境中都不会发生侧翻、倾覆, 能够连续工作 10 小时。
- 高等级的自动驾驶, 无需事先建图或训练即可自动适应各种作业环境, 并在执行任务的过程中自动完成路径规划、避障等动作。
- 可灵活挂载外部模块, 用户可以根据业务场景的需要选配或自行客制化外部挂载模块如专业探测器、制式警械、武器等。
- The advanced motion principle can prevent rollover and overturning in any terrain condition and violent confrontation; working continuously for 10 hours.
- High level automatic driving system automatically adapted to various operating environments without prior mapping or training, and automatically implementing path planning, obstacle avoidance and other actions in the process of mission performing.
- External modules can be flexibly mounted according to business scenarios, such as professional detectors, standard police equipment, and weapons, etc.

*List in alphabetical order of the company name. 以公司名称首字母排序

PreciFUEL飞机加油控制系统

PreciFUEL aircraft refueling control systems

产品优化时间 Product Optimization Time

2022



PreciFUEL 是基于 PreciCONTROL 系统的飞机加油应用。该领域包括用于控制和监测机场罐式飞机加油车、管线加油车、直升机加油装置 (HRS) 和固定加油装置的组件。借助 Alfons Haar PreciBUS 总线系统, 无需控制和配电柜即可实现节省空间的安装。不需要复杂的 PLC 编程。模块化设计允许轻松连接和配置加油系统。PreciFUEL 系统 100% ATEX 和 MID 认证。

PreciFUEL is an aircraft refueling application based on PreciCONTROL system. The field includes components for controlling and monitoring airport aircraft refueling refuellers, hydrant dispensers, helicopter refueling systems (HRS) and fixed refueling units. With Alfons Haar Precibus system, space saving installation can be realized without control and distribution cabinet. No complex PLC programming is required. The modular design allows easy connection and configuration of the fuelling system. PreciFUEL system is 100% ATEX and MID certified.

生产企业 Supplier

深圳市汉姆勒科技有限公司
Shenzhen Hamlor Technology Co., Ltd.

应用领域 Application Fields

飞机加油控制
Aircraft refueling control

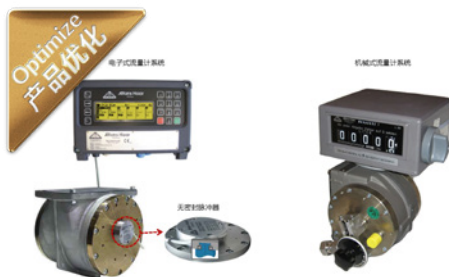
- 达到行业最新标准
- 模块化安装, 一站式管理
- 自我诊断, 可靠性高
- 未来可扩展
- 连接 OBC 进行数据传输
- 无需编程, 可通过软件简单配置

流量计

Flow Meter

产品优化时间 Product Optimization Time

2022



ALFONS HAAR MKA 石墨刮板流量计属于容积式流量计。主要应用于飞机加油计量, 具有精度高, 低噪音, 性能稳定。产品结构紧凑, 轻量级, 小体积。非常适合用于飞机加油车。

ALFONS HAAR MKA vane flowmeter is a volumetric flowmeter. It is mainly used for aircraft refueling metering, with high precision, low noise and stable performance. The product is compact, lightweight and small in size. It is very suitable for aircraft refueling vehicles

生产企业 Supplier

深圳市汉姆勒科技有限公司
Shenzhen Hamlor Technology Co., Ltd.

应用领域 Application Fields

飞机加油计量
Aircraft refueling metering

- 高精度
- 低噪音, 低压力损失
- 尺寸结构紧凑, 体积小, 重量轻
- 性能稳定, 使用寿命长
- High precision
- Low noise, low pressure loss
- Compact size and structure, small volume and light weight
- Stable performance and long service life

*List in alphabetical order of the company name. 以公司名称首字母排序

电动无杆飞机牵引车
Electric towbarless aircraft tractor

产品上市时间 Product Launch Time
2009



Kalmar 是无杆牵引 (TBL) 的代名词, 它于 1989 年创造了全球第一台无杆飞机牵引车并于 2009 年推出全系列新型电动无杆飞机牵引车, 可牵引所有型号的商用飞机, 操作高效而细致, 全年全天均可正常作业。

Kalmar Motor is synonym for TBL. The World's first TBL(towbarless) tractor was created by Kalmar Motor and launched in 1989. And a range of new electric TBL were launched in 2009. We move commercial aviation aircraft of all sizes quickly and carefully with accessibility 24 hours a day and 365 days a year.

生产企业 Supplier

厦门和润航 (ITW GSE & KALMAR Motor) 中国总代理
HAEC (China's Exclusive Distributor of ITW GSE & Kalmar Motor)

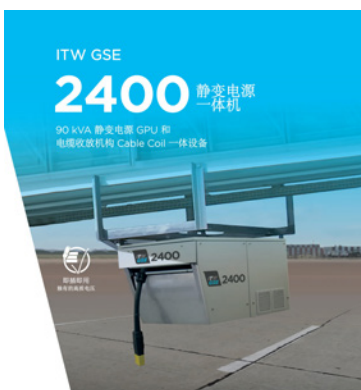
应用领域 Application Fields

航空地面设备
Aviation ground support equipment

- 可牵引所有型号的商用飞机
- 再生充电: 减速时电机作为发电机为电池充电, 将飞机的运动质量转化为能量
- 不提升或移动飞机即可完成牵引车与飞机的对接
- Moves vehicles of all sizes
- Regenerative Charging: during deceleration the electric motors function as generators charging the batteries, transforming the aircraft's moving mass into energy.
- Docking without having to lift or move the aircraft.

飞机地面静变电源一体机
ITW GSE 2400 Power Coil

产品上市时间 Product Launch Time
2005



ITW GSE 2400 Power Coil 是一款集成设备, 包含一个 400Hz, 90kVA 固态电源及电缆收放装置, 可与各式登机桥及各型号飞机达成完美协作。

The ITW GSE 2400 Power Coil includes a 400Hz, 90kVA power supply and a cable coil in one single enclosure. The Power Coil works perfectly well with all sizes of bridges and all types of aircraft.

生产企业 Supplier

厦门和润航 (ITW GSE & KALMAR Motor) 中国总代理
HAEC (China's Exclusive Distributor of ITW GSE & Kalmar Motor)

应用领域 Application Fields

航空地面设备
Aviation ground support equipment

- 创新设计, 安装快速简便
- 独特的高质量电压
- 可为包括 PF1 在内的所有飞机服务
- Innovative design, quick and easy installation
- Unique voltage quality at the plug: The output voltage quality of the Power Coil is unique due to ITW GSE's patented Plug&Play system.
- Supply all aircraft including PF1

*List in alphabetical order of the company name. 以公司名称首字母排序

储能式飞机地面静变电源 ITW GSE 7400 Mobile eGPU

产品上市时间 Product Launch Time
2017



ITW GSE 7400 Mobile eGPU 是一款可为全系列飞机服务的储能式地面电源, 是无固定 400Hz 静变电源的远机位和机库的完美选择。

The ITW GSE 7400 Mobile eGPU is a battery-powered ground power unit for narrow and wide body aircraft, and ideal for hangars and remote stands with no fixed 400Hz installations.

生产企业 Supplier

厦门和润航 (ITW GSE & KALMAR Motor) 中国总代理
HAEC (China's Exclusive Distributor of ITW GSE & Kalmar Motor)

应用领域 Application Fields

航空地面设备
Aviation ground support equipment

- 绿色环保, 零排放, 节约能源, 节约开支
- 极致灵活, 为现有的基础设施实现扩容
- 成熟的技术, 强大且可靠的方案: 配备了 ITW 专利的即插即用系统, 保证独特的高质量电压
- Green on ground, zero emission, go green and cut costs
- Highly flexible, grow the capacity of the existing infrastructure
- A well-proven solution build on known technologies: equipped with ITW GSE's patented Plug&Play system and can therefore deliver a unique voltage at the aircraft plug.

二合一扫雪车 (CR700DS) Broom Sweeper (CR700DS)

产品上市时间 Product Launch Time
2022.12



前置滚刷, 中置鼓风机, 整车采用双发动机驱动形式, 分别用于行走和除雪作业。自研 4×4 专用底盘, 具备四轮转向功能。整车长 11.5 米, 轴距 4.1 米, 转弯半径仅 7.8 米。最高车速 65 公里 / 小时, 最大除雪速度 45 公里 / 小时, 最低稳定速度为 3 公里 / 小时。

Front mounted broom, Mid-mounted blower, Double engine design ,4x4 special drive ,Four-wheel steering, The machine is 11.5 m long, with a wheelbase of 4.1 m and a turning radius is 7.8 m. The maximum speed up to 65 km/h, Cleaning speed 3-45km/h.

生产企业 Supplier

中国重汽集团柳州运力科迪亚克机械有限责任公司
SINOTRUK LIUZHOU YUNLI KODIAK MACHINERY CO., LTD.

应用领域 Application Fields

市政、高速公路、机场、滑雪胜地、油田、铁路、农林场、试验场、私人企业、北极科考等中高端客户。
Airports, highway departments and municipalities.

- 滚刷采用片式刷苗, 比插条式密度更高、除净度更高。4.2 米至 6.7 米多种选择, 直径 1170 毫米, 0~500 转 / 分钟。
- 鼓风机最大风量可达 5 万立方米 / 小时, 最高风速 160 米 / 秒。
- 四轮转向 (蟹行、四轮、后轮、前轮)
- Long brush life as well as very smooth, vibration free and steady sweeping operation. Hydraulic motors located at either side of the rotary brush achieve ideal weight distribution.4.2m to 6.7m options, diameter 1170mm, 0~500rpm.
- The Air blast Volume up to 50,000 m³/h, and wind speed up to 160 m/s.
- Four-wheel steering.

*List in alphabetical order of the company name. 以公司名称首字母排序

三合一除雪车 (PBA550D)
3 IN 1 Sweeper (PBA550D)

产品上市时间 Product Launch Time
2022.12



前置推铲 6.4 米, 中置滚刷 4.2 米, 后置冷吹。自研拱形大梁结构, 双发动机 4×4 专用三合一底盘, 具备四轮转向功能。主发, 康明斯 490 马力 (国六)。副发, 康明斯 650 马力 (国四)。液力变矩器自动变速箱, 7 档 (6 进 1 退)。油气悬挂。最高车速: 80 公里 / 小时, 除雪速度: 3-45 公里 / 小时, 最低稳定速度: 3 公里 / 小时。整车长 12.5 米, 转弯半径仅 9.5 米。

Double engine design, With 6.4m plow, 4.2m broom. 500000m³/h air blast, Arch frame. 4x4 special drive, four-wheel steering. Chassis engine option 450-550hp. Auxiliary engine option 50-650hp, AT transmission, Hydraulic suspension, maximum traveling speed 80km/h, cleaning speed 3-45km/h, The machine is 12.5 m long, turning radius is 7.8 m.

生产企业 Supplier

中国重汽集团柳州运力科迪亚克机械有限责任公司
SINOTRUK LIUZHOU YUNLI KODIAK MACHINERY CO., LTD.

应用领域 Application Fields

市政、高速公路、机场、滑雪胜地、油田、铁路、农林场、试验场、私人企业、北极科考等中高端客户。
Airports, highway departments and municipalities.

- 滚刷宽度 4.2 米 (4.9 米), 直径 914 毫米, 转速 0-700 转 / 分钟, 扭矩 2,500 牛·米, 摆角 35°。
- 吹雪鼓风机最高风速: 160 米 / 秒, 最高风量: 5 万立方米 / 小时。
- 四轮转向 (蟹行、四轮、后轮、前轮)。
- 4.2m(4.9m) broom, broom diameter 914mm, maximum broom speed up to 700rpm, swing Angle ±35°
- Air blast maximum wind speed 160m/h, Air blast blowing volume 50000m³/s.
- Four-wheel steering.

单发抛雪车 (CR640S)
Single Engine Snow Blower (CR640S)

产品上市时间 Product Launch Time
2023.01



单发动机自研 4×4 静液压驱动专用抛雪车底盘, 康明斯 650 马力发动机, 非道路国四。四轮转向功能。整车长 8.76 米, 转弯半径仅 6.5 米。最高车速: 50 公里 / 小时, 最高除雪速度: 35 公里 / 小时, 最低稳定速度: 0.15 公里 / 小时。绞龙直径: 1.12、1.32 米, 抛雪能力: 3500、5000 吨 / 小时。

Hydrostatic chassis with 4x4, CUMMINS 650hp engine, Stage IV, four-wheel steering, the machine is 8.76 m long, turning radius is 6.5 m. maximum traveling speed up to 50km/h, cleaning speed 0.15-35km/h, clearing capacity 3500-5000t/h.

生产企业 Supplier

中国重汽集团柳州运力科迪亚克机械有限责任公司
SINOTRUK LIUZHOU YUNLI KODIAK MACHINERY CO., LTD.

应用领域 Application Fields

市政、高速公路、机场、滑雪胜地、油田、铁路、农林场、试验场、私人企业、北极科考等中高端客户。
Airports, highway departments and municipalities.

- 可除 4 米高雪墙, 抛雪距离 50 米。
- 可选装高速滚刷: 450 转 / 分钟, 直径 914 毫米, 有效宽度: 4.2 (总宽 4.9 米) (抛雪头与滚刷兼容快换方式)
- 四轮转向 (蟹行、四轮、后轮、前轮)。
- Clearing depth up to 3m, casting distance up to 50m,
- Option: high speed broom, rolling speed up to 450rpm, broom diameter 914mm, broom width 4.2m(4.9m), Quick to change the broom and the blower
- Four-wheel steering

*List in alphabetical order of the company name. 以公司名称首字母排序

高级目视停靠引导系统
Apron Vision

产品上市时间 Product Launch Time

2021.12



蒂升持续塑造着高级目视停靠引导系统的未来。对于我们最新的高级目视停靠引导系统 (Apron Vision)，我们引入了新一代的机坪运作系统并致力于实现数字化、智能化的机坪运作。

TKE continue to shape the future of airport mobility bu bringing apron operations to the next leve. With ApronVision, we introduce a new generation of Apron Operations Systems and lead the industry in its efforts to fully digitalize and automate the apron.

生产企业 Supplier

蒂升机场系统有限公司
TK Airport Solutions Co, Ltd.

应用领域 Application Fields

机场设备领域
Airport Equipment Field

- 每秒多至 260 万个数据点扫描带来高分辨率的点云成像，使机坪运作在所有状况下始终保持可控。
- 每套高级目视停靠系统拥有高达 360° 的水平扫描角度，为复合机位提供障碍物扫描功能以及引导同时泊位的两台飞机。
- 可仅对飞机部分轮廓进行甄别，即使飞机的前部不可见或激光雷达扫描装置被放置在中心引导的一侧，也可在所有状况下实现可靠的飞机引导。
- Up to 2.6 million data points per second creating a high resolution point cloud to keep the apron operations under control in all conditions.
- Up to 360° horizontal scanning angle for parking guidance for multiple lead-in lines and wide obstacle scanning by one A-VDGS system. Park two aircraft simultaneously at a Multiple Apron Ramp System(MARS).
- Partial aircraft profile tracking with reliability in all situations. Even if the front of the aircraft is invisible or the lidar is placed on the side to the lead-in line.

*List in alphabetical order of the company name. 以公司名称首字母排序

储能式飞机地面静变电源AN17ES系列

Energy storage ground power unit AN17ES series

产品上市时间 Product Launch Time

2022



AN17ES 系列储能式电源由动力电池供电, 可完美替代柴油机电源, 实现机坪零污染, 零排放。并为配电功率不足的远机位提供了完美解决方案。

AN17ES series Energy storage power by the power battery, it can perfectly replace the power supply of the diesel engine, realizing zero pollution and zero emission of the apron. It also provides a perfect solution for the remote machine position with insufficient power distribution.

生产企业 Supplier

山东艾诺仪器有限公司
Shandong Ainuo Instrument Co.,Ltd.

应用领域 Application Fields

机场、机库、航空公司及飞机制造企业
Airports, hangars, airlines and aircraft manufacturers

- 不受输入配电限制, 完美取代柴油机地面电源, 低噪声, 零污染。
- 商用磷酸铁锂电池标准箱, IP67 防护等级, 安全可靠。
- 国标直流充电接口, 高压快充, 最快充电时间仅 1.5 小时。

- It is not limited by input power distribution, and perfectly replaces the ground power supply of diesel engine, with low noise and zero pollution.
- Commercial lithium iron phosphate battery standard box, with IP67 protection level, is safe and reliable.
- National standard DC charging interface, high voltage fast charging, the fastest charging time is only 1.5 hours.

组合式卷筒电源AN17PC系列

Combined cable reel GPU AN17PC series

产品上市时间 Product Launch Time

2022



AN17PC 系列卷筒电源是带有电缆自动收放装置的 400Hz 电源, 体积小, 重量轻, 可配合廊桥安装或移动拖车使用, 安装快捷, 移动灵活, 收放省力, 人机友好。

AN17PC series reel power supply is a 400Hz power supply with automatic cable retraction and retraction device. It is small in size and light in weight. It can be used with corridor bridge installation or mobile trailer. It is fast in installation, flexible in movement, labor-saving in retraction and retraction, and user-friendly.

生产企业 Supplier

山东艾诺仪器有限公司
Shandong Ainuo Instrument Co.,Ltd.

应用领域 Application Fields

机场、机库、航空公司及飞机制造企业
Airports, hangars, airlines and aircraft manufacturers

- 国内首款组合式电源, 业内最小体积, 安装简单、快捷, 一步到位;
- 组合式结构, 空间紧凑, 重量轻, 降低廊桥载重负担和空间压力;
- 卷筒转速智能控制, 完善的保护功能, 有效保障人身安全, 飞机安全;

- The first combined power supply in China, with the smallest volume in the industry, is simple and fast to install, and can be put in place in one step;
- Combined structure, compact space and light weight, reducing the load and space pressure of the bridge;
- Intelligent control of reel speed and perfect protection function effectively guarantee personal safety and aircraft safety;

*List in alphabetical order of the company name. 以公司名称首字母排序

400Hz飞机地面静变电源AN17系列 400Hz ground power unit AN17 series

产品上市时间 Product Launch Time

2022



AN17 系列 400Hz 电源专为民航、军机及机载设备的地面服务、维修、保障提供高质量 400Hz 供电电源。具有体积小，功率密度高，过载能力强，耐高温，耐高寒的特点，IP55 防护等级。全环境，全机型适用。

AN17 series 400Hz power supply is designed to provide high-quality 400Hz power supply for ground service, maintenance and guarantee of civil aviation, military aircraft and airborne equipment. It has the characteristics of small size, high power density, strong overload capacity, high temperature resistance, high cold resistance, and IP55 protection level. All environments and all models are applicable.

生产企业 Supplier

山东艾诺仪器有限公司
Shandong Ainuo Instrument Co.,Ltd.

应用领域 Application Fields

机场、机库、航空公司及飞机制造企业
Airports, hangars, airlines and aircraft manufacturers

- 体积小，功率密度高，业内最高功率密度水平；
- 全机型适配，无论是传统功率因数 0.8 的飞机还是功率因数 1 的全电飞机；
- 可承受 4 倍的过载能力，轻松启动 B787、A380 等大飞机；
- Small size, high power density and the highest power density in the industry;
- Full model adaptation, whether it is a traditional 0.8 power factor aircraft or an all electric aircraft with a power factor of 1;
- It can withstand 4 times of overload capacity and easily start B787, A380 and other large aircraft;

標準液壓密封件 Standard Hydraulic Seals

产品上市时间 Product Launch Time

2022.05



在完全符合國家標準或者行業規範的情況下生產的零部件

Parts that produced in full compliance with national standards or industry specifications

生产企业 Supplier

司達行航空密封製造有限公司
Sealtech.com Aviation Seals Mfg. Ltd.

应用领域 Application Fields

液壓系統
Hydraulic Systems

- 根據 MS29512、MS29513 系列生產的 O- 型圈
- 根據 MS28774(開口)、MS27595(不開口) 等系列生產的純 PTFE 墊片
- 坑槽設計按 MIL-G-5514 和 AS4716 等標準
- O-rings produced according to MS29512, MS29513 series
- PTFE gaskets produced according to MS28774 (scarf-cut), MS27595 (un-cut) series
- Gland design according to MIL-G-5514 and AS4716 and other standards

*List in alphabetical order of the company name. 以公司名称首字母排序

非標準液壓密封件
Non-standard Hydraulic Seals

产品上市时间 Product Launch Time
2022.09



按客戶要求訂製產品規格
Customize product specifications according to customer requirements

生产企业 Supplier

司達行航空密封製造有限公司
Sealtech.com Aviation Seals Mfg. Ltd.

- 材料、尺寸按客戶要求生產
- Material and size are produced according to customer requirements

应用领域 Application Fields

液壓系統
Hydraulic Systems

技术系统和服務 (空側)
Technical systems and services (airside)

机场照明
Airfield lighting

高级目視停靠引導系統
Safedock FleX

产品优化时间 Product Optimization Time
2022.06



FleX 作为 Safedock 家族的最新产品, 兼具历代产品的优势, 拥有更大、更高分辨率的显示屏、可增加第二显示屏、支持更广的停止线设置范围、航班靠近监视和多中心线功能、更精细的机坪扫描功能、扩展的操作面板功能、增强型站坪信息显示系统、集成的网络摄像头、与登机桥和机坪设备接口, 以及与 A-SMGCS 集成, 实现实时全自动泊位引导, 提供机位区域的航班位置信息, 发送推出告警等

Safedock FleX is a new generation A-VDGS and latest offering within the Safedock family. It is modular in terms of features to fit our customers' unique needs. It offers expanded situational awareness with a full-color display, available in two sizes, and new operator panel. The system brings relevant information to pilots and ground personnel in support of A-CDM to enhance efficiency

during the aircraft turn process. The modular design offers a separate scanning unit and pilot display for greater flexibility in mounting to support tight parking positions and optimize views for pilots and ground crew. A wide scanning area accommodates complex gate layouts and allows centerline changes without repositioning the A-VDGS.

生产企业 Supplier

安赛泊 (北京) 机场助航技术有限公司
ADB SAFEGATE China

- FleX 采用模块化设计, 满足客户的个性化需求
- 采用成熟稳定的 3D 激光扫描技术, 提升态势感知能力, 支持机场协同决策系统
- 实现与机坪管理系统的实时高效协作, 支持智慧机坪解决方案, 减少燃油消耗和碳排放

应用领域 Application Fields

机坪
Apron

- FleX uses a modular design to meet the individual needs of customers
- 3D laser scanning technology is adopted to improve situational awareness and support the A-CDM
- Realize real-time and efficient collaboration with apron management system, support intelligent apron solutions, reduce fuel consumption, and carbon emissions

*List in alphabetical order of the company name. 以公司名称首字母排序

LED高杆灯 LED High Mast Light

产品上市时间 Product Launch Time

2022.11



HL80 系列模块化 LED 高杆灯, 配合多款光学透镜, 提供高效节能和低频维护率的照明解决方案, 为照明区域提供稳定、舒适的照明效果, 使工作人员可以更专注于作业安全和作业效率的提升。

HL80 series modular LED high mast lights, combined with a variety of optical lenses, provide lighting solutions with high efficiency, energy saving and low maintenance rate, and provide stable and comfortable lighting effects for the lighting area, so that staff can focus more on work safety and improve work efficiency.

生产企业 Supplier

上海南华机电有限公司
Shanghai Nanhua Electronics Co., Ltd.

应用领域 Application Fields

应用于机场停机坪和站前广场高杆照明、港口码头、大面积作业的场矿、体育场等场所。

Apply to airport apron, ports, large-scale mines, stadiums and other places.

- 高导热率铝材挤出成型散热器, 为 LED 寿命保驾护航。
- 精心设计的热流通道, 使灯具保持优越的散热性能。
- 产品多色温可选, 显色性好, 防眩光, 视觉效果好。

- High thermal conductivity aluminum extrusion molding heat sink, improve LED lifetime.
- Well-designed heat flow channels keep the luminaire excellent heat dissipation performance.
- Variety of optical light distribution options are available for more lighting scenarios.

LED投光灯 LED A1 MAXI

产品优化时间 Product Optimization Time

2022.01



佑昌 LED A1 MAXI 高光效 LED 投光灯具系列, 专业的大型公共场所照明灯具, 适用于机场公共空间、机场停机坪等, 12 种配光设计满足不同场景应用。模组化的设计使灯具的应用更加个性灵活, 更换模组简易方便减少维护成本。11 种不同光束角可满足各种场景应用, 精确地控制光效, 减少周围眩光等问题。

生产企业 Supplier

佑昌电器(中国)有限公司
Prosperity Group

应用领域 Application Fields

码头港口、公共场所, 机场公共空间、机场停机坪

- 模组化的设计使灯具的应用更加个性灵活, 更换模组简易方便减少维系成本。
- 提升产品应用的同时也降低了功耗能效。
- 11 种配光设计满足不同场景应用。1-10v、DALI 等调光方式满足不同环境下对光效的需求

*List in alphabetical order of the company name. 以公司名称首字母排序

技术系统和服务 (空侧)

Technical systems and services (airside)

环境控制 (噪音和飞行检测)

Environmental control

(e.g. noise, flight monitoring)

噪声自动监测站SV 307

Noise Monitoring Station SV 307

产品优化时间 Product Optimization Time

2017.10



SV 307 是一款新型的专用于长期在线噪声自动监测的设备,它集成了 1 级声级计和调制解调器于一个紧凑的防水外壳中,一体化设计便携运输与安装。SvanNET 在线云平台,实时远程查看测量数据、控制仪器、设置仪器和下载数据等。

SV 307 is a new type of equipment dedicated to long-term online noise automatic monitoring. It integrates a level-1 sound level meter and a modem in a compact waterproof shell, and is designed to be portable for transportation and installation. SvanNET online cloud platform, real-time remote viewing of measurement data, control instruments, setting instruments and downloading data.

生产企业 Supplier

斯万泰科声学 & 振动技术 (广州) 有限公司

应用领域 Application Fields

机场周围飞机噪声测量

Aircraft noise measurement around the airport

- 一体化设计, 便于安装和运输
- 双系统远程校准: 内置标准声源校准和动态远程校准
- 多种供电方式, 内置电池续航可达 5-6 天

- Integrated design, convenient for installation and transportation
- Dual system remote calibration: built-in standard sound source calibration and dynamic remote calibration
- Multiple power supply modes, built-in battery life up to 5-6 days

噪声自动监测站SV 200A

Noise Monitoring Station SV 200A

产品优化时间 Product Optimization Time

2018.04



SV 200A 是一款新型的专用于长期在线噪声自动监测的设备,一体化声级,可识别声源的方向。SvanNET 在线云平台实时远程查看测量数据控制仪器、设置仪器和下载数据等。

SV200A is a new type of equipment dedicated to long-term online noise automatic monitoring. It has integrated sound level and can identify the direction of sound source. SvanNET online cloud platform, real-time remote viewing of measurement data, control instruments, setting instruments and downloading data.

生产企业 Supplier

斯万泰科声学 & 振动技术 (广州) 有限公司

应用领域 Application Fields

机场周围飞机噪声测量

Aircraft noise measurement around the airport

- 国内首款组合式电源, 业内最小体积, 安装简单、快捷, 一步到位;
- 组合式结构, 空间紧凑, 重量轻, 降低廊桥载重负担和空间压力;
- 卷筒转速智能控制, 完善的保护功能, 有效保障人身安全, 飞机安全;

- The first combined power supply in China, with the smallest volume in the industry, is simple and fast to install, and can be put in place in one step;
- Combined structure, compact space and light weight, reducing the load and space pressure of the bridge;
- Intelligent control of reel speed and perfect protection function effectively guarantee personal safety and aircraft safety;

*List in alphabetical order of the company name. 以公司名称首字母排序

声音与振动分析仪SVAN 977C
Sound&Vibration Level Meter

产品优化时间 Product Optimization Time

2021.06



SVAN 977C 一款集噪声与振动测量的便携式设备, 频率范围可高达 40kHz 的超声波测量, 1/1 和 1/3 倍频程分析, 录音功能等多种功能; 内置蓝牙功能, 手机 APP 可实现无线操作。

SVAN 977C is a portable device for noise and vibration measurement, with a frequency range of up to 40kHz for ultrasonic measurement, 1/1 and 1/3 octave analysis, recording and other functions; Built in Bluetooth function, mobile phone APP can realize wireless operation.

生产企业 Supplier

斯万泰科声学及振动技术(广州)有限公司

应用领域 Application Fields

机场噪声测量
Airport noise measurement

- 噪声与振动一体式设备
- 频率范围可高达 40kHz 的超声波测量
- 内置蓝牙功能, 手机 APP 可实现无线操作
- Integrated noise and vibration equipment
- Ultrasonic measurement with frequency range up to 40kHz
- Built in Bluetooth function, mobile phone APP can realize wireless operation

机场交通管理

Traffic management for airports

数字机坪解决方案

产品上市时间 Product Launch Time

Digital Apron

2022.06



ADB SAFEGATE 打造的数字机坪解决方案, 是基于飞行区、机坪、塔台和航站楼的流程和系统的集成, 可进一步提高机场整体性能, 为机场运营者带来包括自动泊位、数据分析、人工智能以及视频监控在内的一系列先进技术, 以实现高效、安全和可持续的全天候运行。

Digital Apron from ADB SAFEGATE is based on the integration of the procedures of airfield, apron, tower, and terminal. It can bring the operation decision maker auto-docking, data analysis, AI and video monitoring, etc.

生产企业 Supplier

安赛泊(北京)机场助航技术有限公司
ADB SAFEGATE China

应用领域 Application Fields

机坪
Apron

- 结合机场多个领域的丰富经验, 将数据整合至单一的生态系统中, 利用机器学习来优化滑行、泊位和推出程序, 在安全和运行间获得一个良好的平衡
- 主动规划各种场景, 为保证准点率排除障碍
- 提供自动泊位、数据分析、人工智能以及视频监控在内的一系列先进技术
- Combine the airport's rich experience in multiple areas, integrate data into a single ecosystem, and use machine learning to optimize taxiing, berth and launch procedures to achieve a good balance between safety and operation
- Take the initiative to plan various scenarios and remove obstacles to ensure punctuality
- Provide a series of advanced technologies including automatic berth, data analysis, artificial intelligence and video surveillance

*List in alphabetical order of the company name. 以公司名称首字母排序

全集成式跑道状态灯
CORTEX SAFE-r

产品上市时间 Product Launch Time
2022.07



全集成式跑道状态灯解决方案 CORTEX SAFE-r。该系统已集成助航灯光监控系统，是市场上唯一可直接向灯具发出控制命令、能与最新一代 LED 智能灯具配合使用的解决方案。

CORTEX SAFE-r is the newest Runway Status Lights (RWSL) solution, which brings to the market the only RWSL processor with light switching capability, and that operates in conjunction with the new AXON EQ lights.

生产企业 Supplier

安赛泊（北京）机场助航技术有限公司
ADB SAFEGATE China

应用领域 Application Fields

飞行区和塔台
Airfield and Tower

- CORTEX SAFE-r 将跑道状态灯处理器 (RWSL Logic) 与助航灯光监控系统 (FLS) 相结合。
- CORTEX SAFE-r 是一个完全独立的系统，可与 ADB SAFEGATE 最新一代智能灯具配合使用，提供即时可靠的灯光控制命令
- 可以进一步减少灯光激活时间，在传统的非集成式解决方案的基础上，再次获得性能综合提升
- The CORTEX SAFE-r solution includes the new RWSL Processor and airfield lighting control and monitoring system (FLS)
- The switching of REL and THL lights is fully automated and driven by the system without any intervention from air traffic controllers.
- Activation time can be further reduced, providing a comprehensive performance boost over traditional non-integrated solutions

*List in alphabetical order of the company name. 以公司名称首字母排序

机场建设与安装 (空侧)

Airfield construction and installations (airside)

标识系统

Marking and signage

A型/B型低光强障碍灯

Low Intensity Obstruction Light, Type A/ Type B

产品优化时间 Product Optimization Time

2022.03



LS810 系列低光强障碍灯经中国民航信息管理系统通告合格, 同时取得了 ICAO 认证, 满足国内外民航系统验收要求。

LS810 series Low Intensity Obstruction Light, Type A/ Type B complies with ICAO, CAAC MH/T6012-2015 and obtain the certification. Apply to the obstacles lower than 45m for aircraft warning.

生产企业 Supplier

上海南华机电有限公司
Shanghai Nanhua Electronics Co., Ltd.

应用领域 Application Fields

适用于机场内各固定障碍物和机场外铁塔、桥梁、建筑等不超过45米的障碍物。
Apply to towers, chimney, high building, bridge, large construction machinery, large port machinery, wind turbine generation etc. for aircraft warning.

- 配置了高精度的光学透镜和高亮度 LED, 光利用率高, 实现低能高效, 且体积小、重量轻
- 灯罩采用高强度抗 UV 的 PC 材料, 具有良好的抗冲击强度、热稳定性、阻燃性;
- 底座采用铝合金压铸工艺, 重量轻, 耐腐蚀性好。

- Based on LED technology, low power consumption, and high efficiency.
- Lamp housing – Polycarbonate, with good anti-impact strength, thermal stability, high transmittance.
- Die casting aluminum enclosure with powder-coat paint finishes, light weight and good corrosion resistance.

*List in alphabetical order of the company name. 以公司名称首字母排序

B型中光强障碍灯
Medium Intensity Obstruction Light, Type B

产品优化时间 Product Optimization Time

2022.08



LM102 系列 B 型中光强障碍灯经中国民航信息管理系统通告合格, 同时取得了 ICAO 认证, 满足国内外民航系统验收要求。
用于标示不超过 105 米的障碍物, 为飞行器提供警示作用。
障碍灯满足夜晚红色闪烁 / 常亮的工作模式, 结合先进的 LED、光学和系统控制技术来满足最苛刻的应用。

LM102 series Medium Intensity Obstruction Light, Type B complies with ICAO, CAAC MH/T6012-2015 and obtain the certification.

Apply to the obstacles lower than 105m for aircraft warning.

It can operate in the working mode of red flashing/steady burning at night,

and combined with the advanced LED light source, optical and system control technology to meet the most demanding applications.

生产企业 Supplier

上海南华机电有限公司
Shanghai Nanhua Electronics Co., Ltd.

应用领域 Application Fields

适用于航站楼、塔台、铁塔、烟囱、高层建筑、桥梁、风力发电机等105米以下的障碍物。

Apply to airport terminal, airport traffic control tower, towers, chimney, high building, bridge, large construction machinery, large port machinery, wind turbine generation etc. for aircraft warning.

- 光源采用 LED 工艺, 寿命长、低能耗、高效率;
- 专业 EMC 设计, 抗电磁干扰;
- 灯具带故障报警检测和报警输出 (常开常闭可选择);

- LED Light source, long lifetime and low power consumption.
- Professional EMC design, anti-electromagnetic interference.
- With fault alarm detection and fault alarm output function. (NO/NC optional).



“环球机场展览会” 忠实客户活动
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“环球机场展览会”由励展博览集团旗下的四个展览会组成，分别是德国（慕尼黑）国际机场设施设备展览会、中国（北京）国际机场技术、设备、设计和服务展览会、东南亚（新加坡）机场设施设备展览会和迪拜国际机场展览会。

“环球机场展览会”将共同为机场技术和设备的供应商、买家提供独一无二的市场服务，让各大机场能够在前所未有的挑战中脱颖而出。我们诚邀您加入到这一场与世界链接的机场展览会，从中获取价值。

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interairport



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interairportChina



国际机场展参观团招募(新加坡展) inter airport JOURNEY-Visit inter airport South East Asia

2023.3.1-3

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