



Mauritius **Smart** CITIES 2015

*Shaping the Mauritian Cities
for a Better Tomorrow*

OCTOBER 14-15, 2015
INTERCONTINENTAL MAURITIUS RESORT

Mauritius
smartcities 
conference

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Some 4 billion people live in cities now, and more than 6 billion—at least two thirds of the world's population—will live in urban areas by 2050, according to the United Nations. To deal with the challenges that brings, cities will need sophisticated technologies to monitor, analyze, and quickly respond to traffic tie-ups, citizen complaints, and lots more. And they must do so in the face of budgetary constraints and other obstacles.

Mauritius Sm@rt Cities 2015 Summit will be the first summit in the Indian Ocean to discuss the concept of developing smart cities in Mauritius. This summit will be hosted at the venue of Hotel Intercontinental on Wednesday October 14th and Thursday October 15th 2015.

In 2015 we will be looking at the move of Smart Cities into the mainstream as the Government manifests commitment of finance and policy to smart city development, deployments of smart city protocols and operating platforms and acceptance of smart technologies as the norm in transport, energy, development, assisted living and security in cities.

The two day conference SM@RT CITIES SUMMIT aims at providing a strong knowledge sharing

platform and offers a unique opportunity for the Mauritian stakeholders involved in the development of smart cities to exchange ideas and foster the new integrated approaches in Mauritius. It will also provide a platform for multiple public and private sectors to meet, to network and to discuss a cohesive approach to achieve sustainable economic outcome.

SM@RT CITIES SUMMIT is focused on staying ahead of the evolving landscape, building innovative networks and efficient infrastructure to deliver better services to citizens and business in Mauritius. This two day workshop will bring together industry leaders, innovators and those looking to learn more about progression and development on the smart cities movement around the world.





In the digital age events remain the most powerful marketing tools for direct business. Event Plannify Ltd is an organizer of high-level specialized international exhibitions and conferences in key industry fields. We facilitate and accelerate the entering of new products and technologies into the international market by linking it with international know-how. Attention to detail, comprehensive promotion, young and creative team - all these bring participants and visitors the desired result - more valued contacts, more new clients, more fresh market ideas.



The Mauritius Smart Cities 2015 Conference will provide a common forum to discuss and deliberate some of the most challenging issues, new areas and upcoming technologies with stakeholders who are developing smart cities.

The conference methodology would include plenary sessions, meetings, presentations, projects and solutions. It will also give opportunities for group discussions and networking

BE A PART of many discussion sessions, leading keynotes with unparalleled access to experts and industry peers.

Share your experiences, exchange ideas, and benefit from practical insights as this is your most valuable networking opportunity.

WHY ATTEND

This two day summit will explore innovation, technology and its application in creating efficient, sustainable and connected cities. Offering access to

networking with key decision makers across many sectors and opportunity to share knowledge to stay ahead of the evolving landscape. Join those at the centre of these changes at Smart Cities 2015 to delve and digest the future of the Mauritius' smarter cities agenda.

By attending you will have access to a comprehensive selection of topics and insight into development and regeneration from an international perspective, knowledge gained through networking and meeting with other people with the same responsibilities as yourself.

Potential Attendees

- Local Authorities and Municipalities
- Government agencies
- Policymakers and regulators
- Infrastructure developers
- Construction companies & contractors
- Utility companies
- Architects, Designers, Engineers
- Construction equipment manufacturers
- Building material manufacturers
- Technology providers
- Financial institutions and investors
- Consultants
- Universities
- Chief Executives
- Mayors and Councillors
- Lawyers

Costs

The two day conference fee is Rs 34,500 (including VAT) - cost of lunches, coffee breaks and cocktail. This conference is MQA approved and HRDC refundable

Registration

For registration and payment, please complete the conference registration form at the Smart Cities Mauritius website smartcitiesmauritius.com or call Mr. Roy Lofur, Event Marketing Manager at 5 703 6750 or email us at smartcitiesmauritius@gmail.com



08h15 – 09h00	REGISTRATION
09h15 – 10h15	<p>INAUGURAL Welcome Address: Jim Jessamine, Conference Organizing Chairman Keynote Address: Dr. Mani Vadari Director of Smart Cities Sector Services for Smart Cities Council US.</p>
10h15 -10h45	Coffee Break - Networking
10h45h- 12h15	<p>WHAT IS SMART CITY? Smart City is a relatively a new concept and has no global definition. Experts all over the world are trying to innovate and device much complex and newer version of the Smart City.The session will discuss the holistic approach to smart cities from ecological, environmental, technological and social perspective.</p> <p>SPEAKERS International Perspective – Chris Green, Chief Executive, SQW Group Mauritian Perspective –Tony Lee Luen Len, founding chairperson of the Green Building Council of Mauritius</p>
12h15 – 13h15	Lunch Break
13h15 – 14h15	<p>URBAN PLANNING – DESIGNING & EXECUTION Some of the most complex systems to be designed and managed nowadays are cities.The design and management of urban infrastructures for represent a significant challenge for planners and architects, especially in Asia.This session will discuss how multi disciplinary approach can contribute to a dynamic sustainable environment and unique interaction of public in the city</p> <p>This session will discuss the following: Components of smart city architecture New approach to city planning Designing the smart city Challenges in executing smart aspects in existing cities in Mauritius</p> <p>SPEAKERS International Perspective – James Jessamine, International Development Planning , Urban Planner</p>
14h15 – 14h30	Coffee Break – Networking



<p>14h30 - 15h30</p>	<p>FROM SMART BUILDINGS TO SMART CITIES: THE CHALLENGE FOR MAURITIUS A Smart City is not a marketing campaign, a slick sales technique nor an amusing political catch phrase. It is a series of solutions to a serious and urgent situation the world faces today. Smart Cities are emerging as a civic action due to a "perfect storm" of the convergence of market conditions, technology innovation, social wants and government needs and the migration to urban environments that has accelerated on a global scale that dwarfs any previous mass movement of people in history. Join us for an exploration of the forces that are driving change. Global and local market conditions, process redesign and technology innovations at the edges are forcing a critical look at the value of urban environments. Mauritius is at the critical junction of making process and technology decisions that will affect how to design, construct and manage Smart Buildings and Smart Cities. Real world examples, case studies and "Insider Information" will be presented regarding projects, tools and suggested next steps from China, Singapore, Malaysia and the Middle East.</p> <p>SPEAKERS International Perspective - Paul Doherty, President & CEO, The Digit Group</p>
<p>15h30 - 16h30</p>	<p>WHAT ARE KEY INGREDIENTS FOR THE SUCCESS OF A SMART CITY? The announcement in his budget 2015 - 2019 from the Minister of Finance and Economic Development about the 8 Smart Cities is interesting. Leadership is important from the agency that can spell this dream. We like to focus on cities that are willing to transform themselves. The major elements of change are energy, mobility, public service, safety, security, healthcare, education and real estate assets. Once these elements are in place, analytics and information technology help the city transform itself into liveable, safe places. It is important to have a top-down approach in spelling the vision and a bottoms-up approach when it comes to implementation and strategy. This session will discuss -</p> <ul style="list-style-type: none"> • Is corporate Mauritius ready to support the aspirations of political Mauritius. What are the major challenges? • What is the need of the hour to rise up to these challenges? • Case study - Regenerating Port Louis - The role of Smart Governance and Smart Citizenship in the regeneration of a City <p>SPEAKERS Mauritian Perspective: Tony Lee Luen Len, founding chairperson of the Green Building Council of Mauritius</p> <p>International Perspective: Chris Green, Chief Executive, SQW Group Dr. Alexey Ershov, Vice President, Smarter Cities Europe, IBM , Paul Doherty, President & CEO, The Digit Group</p>
	<p>DAY ONE - SESSION END</p>



08h30 - 09h00	REGISTRATION
09h00 - 09h30	<p>OPENING REMARKS</p> <p>KEY NOTE SPEAKER Hon. Ivan Leslie COLLENDAVELLOO, Vice Prime Minister, Minister of Energy and Public Utilities</p>
09h30 - 10h00	MCB Presentation
10h00 - 10h30	Coffee Break - Networking
10h30 - 11h30	<p>SMART MOBILITY</p> <p>Urban Mobility and transport is vital for functioning of cities. On the other hand it causes many problems notably in urbanized, densely inhabited areas. The session will discuss the current emergence of new technologies for moving towards sustainable mobility.</p> <p>This session will discuss the following - Mobility for innovative cities Smart mobility solutions Intelligent transport systems Keys for public transport</p> <p>SPEAKERS</p> <p>Smart Talk - Caralampo Focas, Transport Planner and Researcher University of Oxford</p>



<p>11h30 - 12h30</p>	<p>SMART UTILITIES</p> <p>In many ways, utilities hold the keys to a smarter city, since energy plays a role in just about everything that happens in a city. And with people moving to cities at an unprecedented rate - by some estimates over 700 million people will be added to urban populations over the next 10 years - it is pretty clear that, "Today's cities are ill-equipped to deal with the growing pains".</p> <p>Utilities - public and private, water, electricity, gas, waste disposal - should all be at the table when city and regional leaders start talking about how to integrate information and communications technologies (ICT) to meet the demands of increasing urbanization.</p> <p>This session will discuss the innovative, smart and sustainable solutions for our day to day utilities. This session will discuss the following -</p> <ul style="list-style-type: none"> Water management systems Smart power grids Waste management solutions Waste to Energy processing solutions Smart utilities for innovative cities <p>SPEAKERS</p> <p>Smart Talk - Dr. Mani Vadari, Director of Modern Grid Solutions Case Study - Role of the Smart Cities Council in US</p>
<p>12h30 - 13h30</p>	<p>Lunch</p>



<p>13h30 - 14h30</p>	<p>SMART SECURITY Apart from safety and security of citizens, urban safety & security also refers to the city's capacity to react to unexpected situations as natural disasters or accidents that could cause disruption of urban services or transportation networks. ICT's are becoming key partners to help manage, monitor and detect critical situations once they occur.</p> <p>This session will discuss the following - City services for emergencies and securities Disaster Management</p> <p>SPEAKERS Smart Talk: Alex de Graaf, Director, Pre-Sales Emerging Markets EMEA, Intel Security - McAfee</p>
<p>14h30 - 14h45</p>	<p>Coffee Break</p>
<p>14h45 - 15h45</p>	<p>SMART ENERGY Innovation in energy will drive sustainability. The world is facing major challenges caused by the production of energy and the consumption of natural resources needed by our cities. Cities must care about the urban environment & have to integrate within them different kinds of green spaces, urban services and urban utilities into smarter and more sustainable urban model.</p> <p>This session discusses how a sustainable built environment tackles these challenges & rethinking how we live and work with them.</p> <p>This session will discuss the following - Keys for future energy Energy management, smart grid and energy efficiency Renewable and energy storage Smart Cities - engines of sustainable development Reducing energy needs and environmental impact</p> <p>SPEAKERS Smart Talk - Dr. Alexey Ershov, Vice President, Smarter Cities Europe, IBM</p>



<p>15h45 - 17h00</p>	<p>THE FUTURE MAURITIUS SMART CITIES AGENDA</p> <p>The purpose of the session is to invite an open dialogue discussion together government officials, investors, industry leaders and experts to discuss and exchange ideas, information, solutions, etc., for will tackle a wide range of issues, including labour migration and employment strategies, ways out of a high level roadmap requirements for making the ambitious Smart City initiative a reality in Mauritius.</p> <p>Moderator: James Jessamine - Urban Planner, International Development Planning</p> <p>Panel list:</p> <p>Paul Doherty, President & CEO, The Digit Group Dr Mani Vadari - Director of Smart Council and President of Modern Grid Solutions Dr. Alexey Ershov, Vice President, Smarter Cities Europe, IBM Caralampo Focas, Transport Planner and Researcher University of Oxford Chris Green - Public Policy Economist, SQW Group Tony Lee Luen Len, founding chairperson of the Green Building Council of Mauritius Alex de Graaf Director, Pre-Sales Emerging Markets EMEA Intel Security - McAfee</p>
	<p>DAY TWO - SESSION ENDED</p>



Paul Doherty

President & CEO
The Digit Group

Paul Doherty
President & CEO
The Digit Group

Paul is the President and CEO of the digit group a Silicon Valley-based Smart Cities solution provider. Paul is one of the global industry's most sought after thought leader, strategist and integrator of process, technology and business. He is an author, educator, analyst and advisor to Fortune 500 organizations, global government agencies, prominent institutions and the most prestigious architectural, engineering and contracting firms in the world. A former Fortune 500 corporate officer, Paul is a licensed architect and is a prominent and highly rated speaker at numerous industry events around the world each year and has been appointed as a guest lecturer at leading universities throughout the world. His past successful ventures include Revit Technologies (Sold to Autodesk 2002), Buzzsaw (Sold to Autodesk 2001) and TRI-RIGA (Sold to IBM 2011). A recent inductee as a Senior Fellow of the Design Futures Council, Paul is currently writing a series of Whitepapers on Smart Cities for the McGraw-Hill Financial Global Institute. Paul's current work is focused on Smart City solutions in the USA, Europe, the Middle East, India, Southeast Asia and China. Concurrently, Paul is the co-founder and producer of the critically acclaimed AEC Hackathon that launched at Facebook Headquarters in Silicon Valley in November 2013.



Dr Mani Vadari

Director
Smart Cities Sector Services
Smart Cities Council USA

Dr. Subramanian (Mani) Vadari
Director, Smart Cities Sector Services
Founder and President of Modern Grid Solutions
Smart Cities Council USA
USA

Dr. Mani Vadari is founder and President of Modern Grid Solutions (MGS), delivering consulting and training services to a global set of smart grid companies seeking deep subject matter expertise in setting the business, technical and strategic direction to develop the next-generation electric/energy system. Dr. Vadari has been delivering solutions to the electric utility industry for over 25 years focusing on Transmission/ Distribution/ generation operations, Energy markets, and Smart Grid. Dr. Vadari is considered a Subject Matter Expert, offering sought-after perspectives. Prior to forming MGS, Dr. Vadari held various senior positions at Accenture, Battelle Memorial Institute, and Alstom grid. He is a frequent keynoter at industry events in US and abroad, he also serves on boards of several companies and industry groups.

Dr. Vadari's Smart Grid Training is delivered to educate the executives and management of the new workforce and his book "Electric System Operations - Evolution to the Modern Grid" is available at leading book-sellers and being received with 5 Star reviews by industry leaders. Dr. Vadari has published almost 50 articles and several blogs in leading Business and technical journals.



Caralampo Focas

Researcher
Transport Economist
Oxford University

Caralampo Focas
Senior Researcher / Transport Planner
University of Oxford, UK

Caralampo Focas is an experienced transport professional on smart and sustainable mobility with an established international reputation. For over 25 years he has been consulting, writing and researching into cities, transport, consumer and quality of life themes, expanding the research horizons in methodological, social, economic, comparative and policy issues.

Caralampo is currently a senior research fellow at the University of Oxford investigating transport sustainability and the future of cities.

From 2001, for three years, he was the Greek Transport Minister's Adviser on Passenger Transport including the planning of the 2004 Olympic Games. Prior to that he was director of the Athens office of the transport consultancy, TRUTH.

Thereafter, he was appointed a Fellow in Transport Economics in at the Budapest University of Technology and Economics. On his return to Greece, he became a consultant of the Greek consumer association, "The Quality of Life", EKPIZO, directing consumer research projects. From 2010 to 2012, he was a research scientist involved in freight transport at the National Research Centre of Greece.

Caralampo held a variety of senior posts at the London Research Centre from 1988 until its abolition in 1999. There, he was responsible for numerous high-profile transport and environmental studies for London.

Caralampo is the author/editor of five books (some of which have been translated in French and Japanese) and numerous other publications on transport and quality of life issues, including: Top Towns: The Guinness Guide to finding the best places to live in the UK. He has also authored: Towards a Common European Policy for Promoting Urban Public Transport (a policy paper discussed by the European Ministers of Transport), and The World Cities Transport Study: a comparison of the transport systems of London, New York, Paris and Tokyo. Caralampo's last published book was Transport Issues and Problems in South-Eastern Europe by Ashgate Press.



Alex de Graaf

Director
Pre-Sales Emerging Markets
Intel Security

Alex de Graaf
Director
Pre-Sales Emerging Markets
Intel Security

Summary of Professional Experience:

A highly experienced Executive who has demonstrated the ability to lead diverse teams of professionals to new levels of success in a variety of highly competitive industries, cutting-edge markets, and fast-paced environments. Strong technical and business qualifications with an impressive track record of more than 25 years of global hands-on experience in team building,

strategic planning, business unit development, project and product management, and system engineering strategies. Proven ability to successfully analyze an organization's critical business requirements, identify deficiencies and potential opportunities, and develop innovative and cost-effective solutions for enhancing competitiveness, increasing revenues, and improving customer service offerings.

Alex has experience with managing, designing, installing, and operating information security systems in enterprise and governmental environments in the USA, EMEA, APAC and Japan. Prior to joining McAfee, Alex led several teams of security professionals at enterprise and governmental organizations performing incident response and analysis, penetration testing, threat intelligence, architecture design and cyber risk management. Alex also established a global training department at one of his former employers, including both sales and technical trainings, content development, online and class room training and certification. In his current role Alex is responsible for the overall pre-sales activities within McAfee's EMEA Emerging Markets region.

Summary of Technical Experience:

Over twenty five years' experience providing system and network security solutions for large enterprise and governmental customers;

- Asses, develop and implement enterprise systems and network security architectures;
- Improve security awareness through technical exchanges and training sessions;
- Designed, tested, and implemented the network security architecture for a 30,000+ node enterprise customer (financial sector);
- Designed, tested, and implemented con-

- solidated data center network security architecture for a 10,000+ node customer (transport sector);
- Designed, tested, and implemented the security architecture for a 100,000+ node global enterprise customer;
- Lead security architect for enterprise and governmental customers in USA, EMEA, APAC and Japan;
- Trusted Advisor for multiple enterprise and governmental organizations across the globe.



Chris Green

CEO SQW Group

Chris Green
Chief Executive
SQW Group
UK

Chris Green is Chief Executive of SQW Group, the parent company of SQW and Oxford Innovation. Chris has over 35 years experience of economic development and planning work in public and private sectors, including 25 years in consulting and 10 years in local government in the UK and Australia. He has particularly strong experience in relation to innovation and technology-based development, and at the interface between economic and spatial development. This includes policy development and evaluation, and project design and delivery. He has worked in over 30 countries worldwide as well as throughout the UK for clients ranging from the World Bank and the European Commission to national and local governments, major charities and private developers.

In April 2014, the 'Gigabit City' initiative was announced by a joint venture of CityFibre, Talk Talk and Sky, to roll-out fibre-to-the-premises services across much of the city of York. Seeking to exploit this new infrastructure and other digital developments, the City of York Council commissioned SQW to help develop a 'smart city' strategy for York. Mr. Green and his team researched international benchmarks of good practice in smart city developments, engaged with local stakeholders to develop a vision and strategic direction for York's smart city programme, and developed an outline business case for a shortlisted set of projects to be progressed. He also worked with Steer Davies Gleave (UK) to link together ICT and transport smart city initiatives and also working with Siemens to specify in detail the technology solutions and costs related to different strategies.



Tony Lee Luen Len

Founding Chairperson
Green Building Council Mauritius

**Tony Lee Luen Len, founding chairperson
Green Building Council of Mauritius
and Director of Ecosis and Committee
member, Sustainable Cities Initiative, World GBC**

Tony Lee Luen Len, founding chairperson of the Green Building Council of Mauritius and director of Ecosis, has over 20 years experience in the construction industry, 15 years of which specialised in sustainability, in green buildings and sustainable communities.

His experience covers the whole spectrum of the construction industry swapping hats between professional quantity surveyor and project manager, but also as contractor. In South Africa, he also started a training company for resources (previously disadvantaged individuals) in the construction industry. Tony managed one of the leading South African aluminium and glass company between 2000 and 2006. He has worked on over 100 projects, ranging from airports, residential marinas to shopping centres.

As a sustainability consultant, he has knowledge of green design, green products and technologies and sustainability principles. He has pioneered several green technologies, such as natural pool systems and extensive green roof systems. In 2007, he developed the first award-winning green residential development in Mauritius. He is currently the sustainability consultant on the first BREEAM Communities certified smart city project in Africa.

Tony is extending his expertise as an accredited partnership broker in cross sector collaborative projects. One to note is the "Regenerating Port Louis" project for which Ecosis is developing a "Commitment to Action" to be announced at the 2015 annual meeting of the Clinton Global Initiative in New York.

Tony also consults on regulatory and policy work locally and internationally having completed work for UN-Habitat, World GBC, UNEP, and the Government of Mauritius on fields such as sustainable buildings and constructions and energy efficiency. He is a committee member of the Sustainable Cities Initiative of the World GBC.

Tony has won several awards for his work in the sustainability fields.



James Jessamine

Urban Planner / Consultant

James Jessamine
Managing Director, International Development Planning
Scotland

James Jessamine is planner, urban designer and architect with over 30 years of international experience of major development studies in the fields of:

- tourism planning
- urban development
- infrastructure planning
- economic development

He has been responsible for the project management of a large number of multidisciplinary studies covering planning, implementation, business development, marketing, and management. His expertise covers development studies and marketing for a wide range of business activities including: tourism, infrastructure, logistics, industrial development and urban development.

Mr. Jessamine has over 30 years' experience in industrial, urban and tourism planning, including project formulation and assessments, and has worked on a wide variety of studies in China, Mongolia, India, Pakistan, Seychelles, Burundi, Mauritius, Madagascar, Dubai, Saudi Arabia, Yemen, Syria, the United States, the Caribbean and Europe. This work has covered the preparation of planning proposals and strategies at local, urban, regional and national levels. More recently, he was the lead planner and urban designer for the Changshou Municipal Government in China for the development strategy and planning proposals for a 500,000 person city expansion area with particular emphasis placed on the identification of new industrial and tourism activities.



Alexey Ershov

Vice President
Smarter Cities Europe
IBM Group

Dr. Alexey Ershov
Vice President, Smarter Cities Europe, IBM Corporation
IBM Europe Headquarters, Madrid, Spain

Dr. Alexey Ershov is the Vice President responsible for IBM's Smarter Cities business in Europe. His previous two positions at IBM were Vice President, Apple Alliance Europe and Vice President, Competitive Sales and New Acquisitions Integration, Europe. Since joining IBM in 2004, Alexey has been based in Madrid, Shanghai, Moscow, and New York. Prior to IBM, Alexey was a management consultant at McKinsey & Company and a research scientist at Harvard University. Alexey received his Ph.D. degree in Elementary Particle Physics from Harvard University in 2001 and a Bachelor's degree in Physics from Moscow Institute of Physics and Technology in 1996.



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