

THE GOVERNMENT OF ST MAARTEN
together with
THE CARIBBEAN TELECOMMUNICATIONS UNION &
THE INTERNET SOCIETY
present

St Maarten ICT Week

15 – 20 AUGUST 2010

The 6th Annual



*the 1st Regional Meeting of the
Caribbean Network Operators Forum*



ST MAARTEN



*Inaugural Workshop on
Caribbean Innovation
& Entrepreneurship*



St. Maarten's ICT Week

The Government of St. Maarten and the Caribbean Telecommunications Union (CTU) will be hosting a week of international, regional and national ICT events from 15th to 20th August, 2010 to demonstrate the power and potential of information and communication technologies (ICT) to foster development and transform societies and economies.

The inaugural **St. Maarten's ICT Week** is being held at a critical juncture in St. Maarten's history as it moves to become a self-governing country within the Kingdom of the Netherlands. The Government of St. Maarten has identified the effective use of ICT as a significant success factor for achieving the vision for building a strong and competitive Caribbean Country. It recognizes that ICT presents opportunities for St. Maarten to:

- Strengthen and develop more efficient and productive governance and business systems;
- Define and develop new types of jobs and business;
- Build the capacity of citizens as regards the use of ICT; the youth in particular;
- Engage the Diaspora in contributing to St. Maarten's growth and development; and
- Enhance its global competitiveness.

The Government of St. Maarten in support of its vision is pleased to host **St. Maarten's ICT Week** which will feature:

1. 6th Caribbean Internet Governance Forum,
2. 1st Regional CaribNOG Meeting,
3. The Caribbean ICT Roadshow,
4. ICT Camps and
5. The Caribbean Innovation and Entrepreneurship Workshop.

This week of ICT activities, together represent a unique opportunity to educate all sectors of the national community on the importance of ICT in defining a new St. Maarten. The week begins with the formulation of a design for a Caribbean information society, identifying the elements and activities for defining ICT enabled economic and social advancement.

St. Maarten's ICT Week continues with lectures, workshops and demonstrations designed to educate and raise awareness on the potential of ICT in every sphere of activity as well as to place a strong emphasis on innovation and entrepreneurship in the use of ICT. The week will end with a series of Camps for the youth, parents, guardians and teachers and general workers to encourage the use and adoption of ICT tools.

We trust that the week's activities will create a groundswell of interest in ICT and that the citizenry will be encouraged to innovate, wholeheartedly embrace the ICT tools and to work in partnership with the Government of St. Maarten to secure a future powered by ICT.

1. 6th Caribbean Internet Governance (CIGF) Forum (16th – 17th August 2010)

The future of Caribbean countries is at risk from many threats including rising crime; porous borders; the effects of climate change; flight of intellectual capacity; and deepening economic fragility. In a move to identify new sustainable models for development, Caribbean leaders have recognised that information and communication technologies (ICT) present new opportunities for fostering social and economic development.

Because the Internet is the most pervasive manifestation of the evolution of ICT and represents one of the pillars on which information societies may be established, there is a critical need for Caribbean leaders and ICT stakeholders to understand the issues surrounding the governance of the Internet.

In 2005, the Caribbean Telecommunications Union (CTU) inaugurated the first Annual Caribbean Internet Governance Forum to educate Caribbean stakeholders on the issues and to begin to establish a Framework for Caribbean Internet Governance. Through the activities of five successive Internet Governance Fora and working with many organisations intimately associated with the running of the Internet and Caribbean Civil society, the CTU completed a Caribbean Internet Governance Policy Framework to guide Internet Governance activities for the region.

Released in 2009, the Framework identified five (5) strategic areas for urgent Internet governance policy development for the Caribbean, namely, Physical Infrastructure; Logical Infrastructure; Internet Content; Public Awareness and Capacity Building; and Research. Since July 2009, the CTU has been engaged in a number of activities in these areas to advance the Caribbean Internet Governance agenda.

The CTU's 6th Caribbean Internet Governance Forum, the first event of **St. Maarten's ICT Week**, will be held in collaboration with the Internet Society (ISOC). The theme for this Forum is: **Designing the Caribbean Information Society** and its objectives are to:

1. Update stakeholders on the work completed to date in advancing the Caribbean Internet Governance agenda;
2. Design a Caribbean Information Society by considering how to:
 - Move from e-Government and o-Government,
 - Cultivate Knowledge Workers,
 - Protect Intellectual Property,
 - Develop a sustainable Content Creation industry,
 - Develop Caribbean ICT –based/enabled business, and
3. Present the CTU's Framework for ICT Innovation and entrepreneurship; and
4. Produce a Report for submission to Caribbean Governments.

The programme is designed to be highly interactive, requiring delegates' full participation.

2. The Caribbean ICT Roadshow

(18th – 20th August 2010)

The Caribbean ICT Roadshow initiative has been developed by the CTU to raise awareness within the public sector, the private sector, civil society and academia of the need for innovation in embracing ICT effectively in government, the private sector and civil society for social and economic development. The Roadshow initiative adopts a unique approach, linking the dissemination of information to activities that will reinforce the message and produce tangible benefits for the citizens of St. Maarten.

The CTU is working collaboratively with the Government of St. Maarten, partners and other interested organizations and institutions to deliver a Roadshow customized to address St. Maarten's developmental issues and to demonstrate the transformative power of ICT innovation.

The theme, **Harnessing the Power of Innovation - *the engine for ICT-enabled Caribbean development***, reflects the objectives the Roadshow aspires to achieve, namely:

1. To build awareness among the public sector, the private sector and civil society of the innovative and effective use of ICT;
2. To foster innovation in the application of ICT to Caribbean challenges in government, the private sector and civil society; and
3. To accelerate the effective use of ICT by governments in order to promote transparency and efficiency in the delivery of public services.

The following Fora will be presented at the Roadshow:

- Policy Makers' and Regulators' Forum
- Innovators' Forum
- Network Operators' Forum
- ICT Innovators' Forum
- The Internet Governance Forum
- Hot Seat Discussion Panel
- Youth Forum



3. The Caribbean ICT Innovation and Entrepreneurship Workshop **(19th – 20th August 2010)**

CTU recognises the leading role that ICT plays across all sectors of our economy and the need for innovation in realising ICT's potential to transform existing industries, create new ones, enhance the Region's competitiveness, assist with solutions to environmental problems and enhance social inclusion.

While some national initiatives are taking place, Governments of the region need greater support in creating an environment that is conducive to encouraging and facilitating an innovative spirit and cultivating entrepreneurs. This Innovation and Entrepreneurship Workshop seeks therefore to educate and inspire innovators from the Caribbean region to commercialize their ideas.

Messrs Julian Hall and Mark Lewis from Pure Online Genius and Bravig Ltd respectively, UK entrepreneurs and members of the Caribbean Diaspora, will facilitate an empowering and practical two-day Workshop which will be delivered in two parts:

i) A Framework for Innovation

During the first day our speakers will examine the concepts, thought processes and problem solving techniques that make true innovation possible. Through engaging the audience on real issues and taking into account their personal circumstances, the team will seek to find answers to common problems which entrepreneurs face and walk the audience through simple step-by-step exercises designed to promote ideas which will lead to commercial success.

ii) Becoming an Entrepreneur

Day two will consist of a series of interactive exercises which will encourage the audience to engage and participate in driving their vision forward. They will be encouraged to become constructively critical of their own ideas; to examine new ways of sourcing finances; to learn from the experiences of others in business; to create mutually beneficial strategic partnerships; to identify and acquire the skills they personally lack and to cultivate a determination to move forward.

At the end of the second day, we will summarise their journey, award certificates of progress and guide the candidates through the next steps towards success. Candidates will leave with a personally tailored business development plan and the energy and focus to implement it effectively.

Delegates whose ideas receive favourable review will benefit from additional training, internships, mentorship programmes, guidance, research and business support to enable them to commercialise their ideas and to establish sustainable ICT-businesses.

4. 1st Regional CaribNOG Meeting

(16th – 19th August 2010)

The Caribbean Network Operators Group (CaribNOG) is a community of Network Operators dedicated to exchanging technical information and experiences related to the management of IP networks in the Caribbean region. CaribNOG conferences provide a forum for the coordination and dissemination of technical information related to networking technologies, research and operational practices. The meetings are informal, with an emphasis on practical solutions, training and insight relevant to the region.

In St. Maarten, expert speakers from the regional and international technical community will be conducting hands-on workshops, in-depth tutorials and presentations on the following topics:

- **VoIP:** VoIP workshop – Deploying secure small and medium Scale VoIP solutions;
- **LINUX:** Configuring and securing LAMP, creating a secure LAMP application, IP Services and Security;
- **ROUTING:** Basics; introduction to OSPF, BGP, VoIP and SIP; and
- **CSIRT:** Developing a Network Security and Incident Response Team.



5. ICT Camps

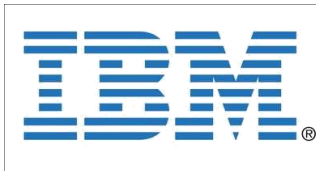
(18th – 19th August 2010)

St. Maarten's ICT Week will feature a series of vacation Camps for children, their parents, guardians, teachers and others who are interested in learning about information and communication technologies. The ICT camp sessions will be very interactive with hands-on sessions that provide instruction in an informal environment.

The Camps will take advantage of the keen affinity of youth to ICT so as to educate and promote responsible and beneficial use of ICT and the Internet in particular. The Camps will educate young campers on the dangers in cyberspace and will introduce parents and guardians to important issues relating to their children's interactions in cyberspace.

Campers will be introduced to readily available ICT tools and instructed on how to use them to improve efficiency and productivity. There will also be sessions on social media and content creation and campers will be encouraged to create their own podcasts.

Sponsors and Partners



Ministry of Public Administration
of the Government of the Republic
of Trinidad and Tobago



Activities at a Glance

	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	
Sunday 15 th August					CARIBNOG Orientation						ICT Week Opening Ceremony		
Monday 16 th August	6 th Caribbean IGF												
					CARIBNOG CSIRT								
Tuesday 17 th August	6 th Caribbean IGF												
	CARIBNOG IPv6 Workshop												
					CARIBNOG LINUX								
Wednesday, 18 th August	Caribbean ICT Roadshow												
	ICT Camp: Dangers in Cyberspace		ICT Camp: Podcasting		ICT Camp: MS WORD								
					CARIBNOG ROUTING I								
Thursday 19 th August	Caribbean ICT Roadshow												
	ICT Camp Black Berry		ICT Camp MS POWERPOINT		ICT Camp: MS EXCEL								
					CARIBNOG ROUTING II								
	I&E Workshop												
Friday 20 th August	Caribbean ICT Roadshow												
	I&E Workshop												

Opening Ceremony

St. Maarten's ICT Week

15th August, 2010

Time	Activity	Speaker
19:00	OPENING REMARKS	Master of Ceremonies: Mr. Gregory Richardson
19:05	NATIONAL SONG	Ms. A. Pantophlet
19:10	INVOCATION	Pastor B. Bell
19:15	WELCOME REMARKS	Mr. Jao de Canha Director Bureau Telecommunications & Post Netherlands Antilles
19:25	INTRODUCTION	Ms. Bernadette Lewis Secretary General , Caribbean Telecommunications Union
19:35	REMARKS PLATINUM SPONSORS	Mr. Devindra Ramnarine, PSTG Consulting Mr. Roland Chapman, IBM World Trade Corporation
19:55	WELCOME ADDRESS	Hon. Frans Richardson Commissioner of Telecommunications and Post
20:05	CULTURAL INTERLUDE	MOTIANCE DANCE SCHOOL
20:25	KEYNOTE ADDRESS: Challenges, Initiatives and Implications for Developing the Information Society in St. Maarten	Hon. William Marlin Leader of Government and Commissioner of Education
20:30	VOTE OF THANKS	M. DE WEEVER ACTING SECRETARY GENERAL SECTOR TOURISM, ECONOMIC AFFAIRS, TRAFFIC AND TELECOMMUNICATIONS
20:35	END OF CEREMONY	
RECEPTION: 20:35-22:00		

6th Caribbean Internet Governance Forum

Day 1: Monday 16th August, 2010

Time	Activity	Speaker
08:30	REGISTRATION	
SESSION 1: THE GLOBAL AND REGIONAL INTERNET GOVERNANCE AGENDA		
09:00	A Global Perspective on Internet Governance	Mr. Rodney Taylor Diplo
09:30	Advancing The Caribbean Internet Governance Agenda A Review	Ms. Bernadette Lewis Secretary General - CTU
10:00	The Elusive Information Society: <i>From Policy to Implementation</i>	Mr. Bevil Wooding Congress WBN
10:30	Coffee Break	
SESSION 2: DESIGNING A CARIBBEAN INFORMATION SOCIETY – THE GOVERNMENT		
11:00	WORKSHOP: Executing the Paradigm Shift: From e-Government to o-Government	Dr. Steven Bratt CEO World Wide Web Foundation
12:30	Lunch	

Time	Activity	Speaker
14:00	Cultivating Knowledge Workers	Mr. Anthony Watkins Odyssey Consultinc
14:45	Discussion	
15:00	Coffee Break	
SESSION 3: DESIGNING A CARIBBEAN INFORMATION SOCIETY – INTELLECTUAL PROPERTY		
15:30	Protection of Intellectual Property - The Law	Mr. Teni Housty Law and Legal Consultation
16:00	Protection of Intellectual Property - What you can do	Mr. Warren Cassell Cassel & Lewis
16:30	Discussion	
SESSION 4: DESIGNING A CARIBBEAN INFORMATION SOCIETY – GUARDING THE HOME FRONT		
17:00	Parents, Children & Internet – What You Need To Know	Mr. Bevil Wooding
17:45	End of Session	

6th Caribbean Internet Governance Forum

Day 2: Tuesday 17th August, 2010

Time	Activity	Speaker
SESSION 5: DESIGNING A CARIBBEAN INFORMATION SOCIETY: BUSINESS		
09:00	Developing a sustainable Content Creation Industry	Ms. Josanne Leonard Miribai Communications
09:45	Fostering Content Creation – Innovation through ICT	Ms. Glenda Medford CANTO
10:30	Facilitating Caribbean ICT-enabled Business	Mr. Pablo Rodriguez Gauss Research Laboratory
11:00	Coffee Break	
SESSION 6: DESIGNING A CARIBBEAN INFORMATION SOCIETY: IMPERATIVES		
11:15	Maximizing IXP Value – Building the Information Economy	Mr. Jonny Martin Packet Clearing House
11:45	Establishing a Caribbean CSIRT – The Value Proposition	Mr. Stephen Lee ArkiTechs
12:15	Securing Government Information	Dr. Oscar Moreno Gauss Research Laboratory
12:45	Open Discussion	
13:00	Lunch	

Time	Activity	Speaker
SESSION 7: DESIGNING A CARIBBEAN INFORMATION SOCIETY: GROUP WORK		
15:15	Framework for Designing a Caribbean Information Society	Group Work
15:30	Coffee Break	
16:00	Reporting	
17:00	Discussion	
	End of Forum	

The Caribbean ICT Roadshow

Day 1: Wednesday 18th August, 2010

Day 2: Thursday 19th August, 2010

Time	Activity	Speaker / Presenter
SESSION 1: REGULATORS AND POLICY MAKERS FORUM		
09:00	Defining a National ICT Plan	Mr. Devindra Ramnarine PSTG Consulting
09:30	Barbados Case Study: Supporting e-Government with VoIP	Mr. Rodney Taylor CTU
10:00	Cayman Islands Case Study: Regulating in a Changing Technological Environment	Mr. David Archbold MD - Information and Communications Regulatory Authority
10:40	Discussion	
11:00	Coffee Break	
SESSION 2: THE INNOVATION FORUM		
11:15	Future-casting: Models for Caribbean Development	Dr. David Taylor Congress Global Consulting
11:45	Innovator 1: Security	Gregory Richardson SecureTech International
12:05	Innovator 2: Transportation	Cleveland Thomas Government of Trinidad & Tobago
12:25	Innovator 3: Telecommunications	Mr. Giovanni King Bureau of Telecommunications and Post
12:50	Smarter Planet	Mr. Roland Chapman IBM World Trade Corporation
	End of Session	

Time	Activity	Speaker / Presenter
SESSION 2: THE INTERNET GOVERNANCE AND NETWORK OPERATORS FORUM		
09:00	IP Addressing and the IPv6 Challenge	Mr. Shernon Osepa ICANN
09:30	Protection Of Digital Assets	Mr. Gregory Richardson SecureTech International
10:00	Transitioning to the North American Numbering Plan	Mr. Lincoln Robinson TATT
10:30	DISCUSSION	
11:00	Coffee Break	
Hot Seat Discussions: moderated by G. King		
11:30	"Regulation focused on protection rather than competition"	J. De Canha BT&P NA R. Richardson/G. Carty UTS L. Gibbes Gov St. Maarten L. Ouenniche Chamber of Commerce
12:30	Discussion	
13:00	End of Session	

The Caribbean ICT Roadshow

Day 3: Friday 20th August, 2010

Time	Activity	Speaker / Presenter
SESSION 4: BANKS AND BUSINESS FORUM : MODERATED BY P. BRANDON		
09:00	A Regional e-Commerce Policy	Mr. Atiba Philips INFOCOMM
09:30	Business and Banking forum Technology and secure transactions	Mr. V. Haakmat Nagico Mr. K. Bloyden WIB Mr. K. Dupersoy PJIAE Mr. A. Kaska Nokia Siemens Networks
10:00	Discussion	
10:30	COFFEE BREAK	
SESSION 5: THE SME FORUM		
11:00	Cloud Computing	Fujitsu
11:30		
12:30	END OF FORUM	

Sponsored by: The Bureau of Telecommunications and Post, The TELEM Group of Companies, NAGICO, MVG Technologies, Obersi Electronics St. Maarten NV., Office 1 Supplies, The Bank of Nova Scotia, St. Maarten Cable TV, Caribserve, Chamber of Commerce and Trade on St. Maarten.

1st Regional Meeting of CaribNOG

Day 1: Sunday 15th August, 2010

Time	Activity	Speaker / Presenter
13:00	Orientation	Bevil Wooding Packet Clearing House
	NOGs Around the World	Jonny Martin Packet Clearing House
	Lightening Presentations	Members
	Reviewing the CaribNOG 1 Agenda	Stephen Lee ArkiTechs Inc.

Day 2: Monday 16th August, 2010

Time	Activity	Speaker / Presenter
13:00	Intro to CSIRTs	Mr. Stephen Lee ArkiTechs
	CSIRT Case Studies	Christian O' Flaherty ISOC
	Establishing a 'Caribbean' CSIRT	Panel

Day 3: Tuesday 17th August, 2010

Time	Activity: IPv6/LINUX	Speaker / Presenter
09:00	IPv6 Workshop	Mr. Christian O'Flaherty ISOC
12:00	LUNCH BREAK	
13:00	Linux Boot Camp	Mr. Johnny Martin PCH Mr. Steve Spence Spence & Blair Ltd.
	Intro to SIP Telephony and VoIP	Stephen Lee ArkiTechs Inc

Day 4: Wednesday 18th August, 2010

Time	Topic: ROUTING	Speaker / Presenter
13:00	Introduction to Routing	Mr. Johnny Martin PCH Mark Kusters Matt Ryanczak ARIN
	OSPF Fundamentals	
	BGP In Detail	
	Resource Public Key Infrastructure (RPKI) pilot program	Gregory Richardson SecureTech

Day 4: Thursday 19th August, 2010

Time	Topic: ROUTING	Speaker / Presenter
13:00	Scalable Network Design	Mr. Jonny Martin PCH



The Caribbean Innovation and Entrepreneurship Workshop

Facilitated by: **Mr. Julian Hall, CEO Pure On-Line Genius**

Mr. Mark Lewis, CEO Bravig Ltd.

Day 1: Thursday 19th August, 2010

Time	Activity
A Framework For Innovation	
09.00	Why Should I Innovate?
09.30	What Should I Be Reading?
10.30	How Do I Define My Market?
11.30	How Do I Use Technology?
12.00	What Competition?
13.00	Lunch
14.00	Choosing My Team - Independence versus Interdependence?
15.00	How Long Should It take?
16.00	Discussions, Q & A
17:00	End of Session

Day 2: Friday 20th August, 2010

Time	Activity
Becoming An Entrepreneur	
09.00	Definitions Of Entrepreneurship
09.30	The Start-Up Workshop- <i>Launch My Idea!</i>
10.30	Branding My Idea- <i>How Do I look?</i>
11.00	Show Me The Money- <i>Financing Tips</i>
13.00	Lunch
14.00	The One Minute Business Model- <i>Practice In Finding Weaknesses</i>
15.00	Live Skype Link-Up - <i>UK Entrepreneur</i>
15.30	Overcoming Obstacles- <i>Expecting the Unexpected</i>
16.00	Summary - <i>Moving Forward!</i>
17:00	End of Session



ICT Camps

Day 1: Wednesday 18th August, 2010

Time	Activity	Focus
09:00 - 10:30	ICT Camp: Dangers in Cyberspace & Parental Control possibilities Anton Kaska/Bevil Wooding	Open
11:00 - 13:00	ICT Camp: Creating a Podcast GREGORY RICHARDSON/BEVIL WOODING	Youth
14:00 - 15:00	ICT Training Camp: MS Word	Open

Day 2: Thursday 19th August, 2010

Time	Activity	Focus
09:00 - 10:30	ICT Camp: Black Berry	YOUTH
11:00 - 13:00	ICT Camp: Power Point Daniel Berry	Open
14:00 - 15:00	ICT Training Camp: MS EXCEL Daniel Berry	Open

Friday 20th August, 2010

	19:00 Closing Dinner
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