













Should Over The Top services be **REGULATED?**

Smart phone users take advantage of the opportunity to connect with friends and family abroad using over the top (OTT) Internet applications (Apps) to avoid costs associated with telephone bills. These apps are readily available, easy to use and seemingly free.

Globally, this is developing into a growing concern for traditional telephone service providers who are faced with declining revenues whilst maintaining expensive telephone and Internet networks over which these Apps run. More importantly, providers and governments are receiving no revenue from OTT unite sensition.

At a recent TATL KCT Open Forum – part of the organisation's public consultation on the topic — "Should Over The Top (OTT) services be regulated?" – Mr. David Cox, Head of Regulatory Affairs, LIME (a Cable and Wireless Communications subsidiary) noted that 'the consumer can provide some recolution to this matter and questioned what role does customer choice plays. Whether it was possible to say let the market decide; where there are customers who do not mind paying more for the services they want, whilst others may any they want to work with the

According to one OTT user Cheryl Lala "there is a reason why people are choosing to use what is in fact a poorer quality of service is because it's free! ... We don't have to pay reaming charges! Because we don't have to pay excessive fees for simple, basic, communications and entertainment!"

The OTT Challeng

OTT voice services can take the form of messaging; or voice services (also known as Voice over Internet Protocol or VoIP services), competing directly

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As a result, public telecommunications services offered by authorised provide specifically voice and SMS, face a great deal of competitive pressure from O'

Because carriage is separated from content on Internet networks, OTT serviciproviders can deal directly with end users. The network operator remain effectively outside of this transaction and therefore has no control over the content or the application.

Mr. David Geary, General Coursel Digical (Trinidad and Tobago) Limited noted that income in the voice and SMR markets is on the define and are expected to fall by 30% to 40% by the end of 2017. He added the large number of smart phones and apps in use today will contribute significantly to this. He noted from CTT players have customer bases that down those of even the largest telecoms companies...the Facebook/Whatshap conglomerate has 1.4 Billion and 800 million users respectively¹. He added that given the global nature of the Internet, OTT and VolP applications sit outside the ecope of sector-specific national or regional regulatory and fiscal obligations including data privaxy, legal interception, emergency calls, universal service contribution, taxes, recommercificits, and roughly for a feet and the section of the contribution, taxes, recommercificits, and roughly for descriptions.

Ms. Christa Leith, Head, Regulatory & Policy Officia (Ap), Telecommunication of the Christa Leith, Head, Regulatory & Policy Officia (Ap), Telecommunication of the Christa (A

Ultimately, the reality is that OTT and VOIP services are here to stay and an regulatory measures adopted must ensure that all stakeholders' interests an

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TATT Gives Tech Tips to Seniors



Over 600 seniors attended the latest edition of "ICTs for Seniors" co-hosted by the Ministries of Science and Technology; and People and Social Development at Skinner Park, San Fernando on Wednesday July 22nd 2015. At this event, TATT provided a wonderful opportunity to educate seniors on how to make modern technology work for them, as whilst they may be using the technologies, they may not be storied followings and with hemselfier flower.

TATT therefore focussed on the benefits of usin computers/Internet including:

- Improved motor skills and mental agility
- Purchasing items without having to leave the comfort of the c
- Paying household hills online and managing finances.

Here are some of the "Tech Tips for Seniors" presented by TATT which highlighted features of a mobile phone that are particularly beneficial to this are group.

- Create a contact list for ease of use to connect regularly with your friends and family especially in emergencies, it
- provides a quick and easy way to access the numbers.

 2) Make use of Speed dial by simply pressing one or tw numbers to automatically dial a mobile and/or land line, yo can save time and this is also a great feature to have it
- 3) Become more familiar with Text Messaging this is quit useful in trying to make contact with a person who is unabl to answer a cell phone at a particular time e.g. when the person is in a meeting.
- 4) Use the Event/I lask Alarm It is now easier to remember to do a task or attend an event, by creating an event or setting the task alarm on your mobile handset. A timed alarm will set off to alert you when the task/event is due.
 5) Set up Voicemail this allows persons to leave messages if









TechBox

Smart Guide to Online Shopping.

This is quite convenient; no hassle of leaving their homes, expending less time and energy finding the products of their hotice. Products and services can also be purchased from frong retailers, allowing consumers to access products not available at their local marketplaces.

In a presentation at the Chaguanas Chamber of Industry and Commerce, the Governor of the Central Bank of Trinidad and Tobago presented that in less than two years, January 2013 to November 2014, consumers spent US\$1.1 Billion on foreign credit card purchases. This figure is expected to rise given the recent card purchases. This figure is expected to rise given the recent includes the subscription and continued increase in optate of alphon subscription and continued increase in optate of alphones to Trinidad over the last two years.

Considering these developments, this smart guide gives an overview of what consumers should be aware of before making those online purchases.

Index or uniter porcess.

There is usually a link to the terms and conditions on the webpage during a sale process. Before ticking that checkbox to confirm your acceptance, here are some general items you may want to dosely examine within those terms and conditions:

□ Parties to the Agreement □ Goods Purchased □ Price □ Shipment and Delivery Terms □ Delivery Terms □ Dutes, Taxes, Customs Clearance □ Termination □ Return Policy

What if I get something other than what I ordered? What if my order never arrives? Can I return the item for a full refund if I am not satisfied? If I return it, who pays the shipping costs or restocking fees, and when will I get my order?

Make sure to ask these questions and ensure that you are satisfied with the answers provided before completing your purchase. Call or email the company for details if you are not dear on any area before you complete the purchase. Remember many sites offer tracking options, so you can see exactly where your purchase is, and estimate when it will arrive.

3. Warranty Policy.

Manufacturer's Warranty vs. Seller's Warranty.

A warranty is a legally binding assurance provided by the seller/manufacturer for the product. Make sure to ask about any existing warrantee and ensure that you undestand which warranty existing warrantee and ensure that you undestand which warranty makes the expectations or dains, then the assurance provider may be bound to repair or replace the product. A manufacturer's warranty provides service and support for purchases with defects at any of the authorised service centres of the respective manufacturer. With a seller's warranty / dealer's warranty, the warranty service and support is provided by the respective seller or dealer location.

