



THE EFFECTS OF SIM BOX FRAUD on QoS



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OVERVIEW OF SIM BOX FRAUD



Industry

- Is a hot topic in the telecoms industry
- Preventing it is challenging
- Tough to quantify the amount of revenue loss

Operators

- Continue to experience a growing trend
- Face overwhelming annual loss in revenues

Government

- Decline in government revenue



WHY SIM BOX FRAUD



- Huge international call termination rates
 - Call termination rate to Gambia is \$0.45
 - Local call rate is \$0.069



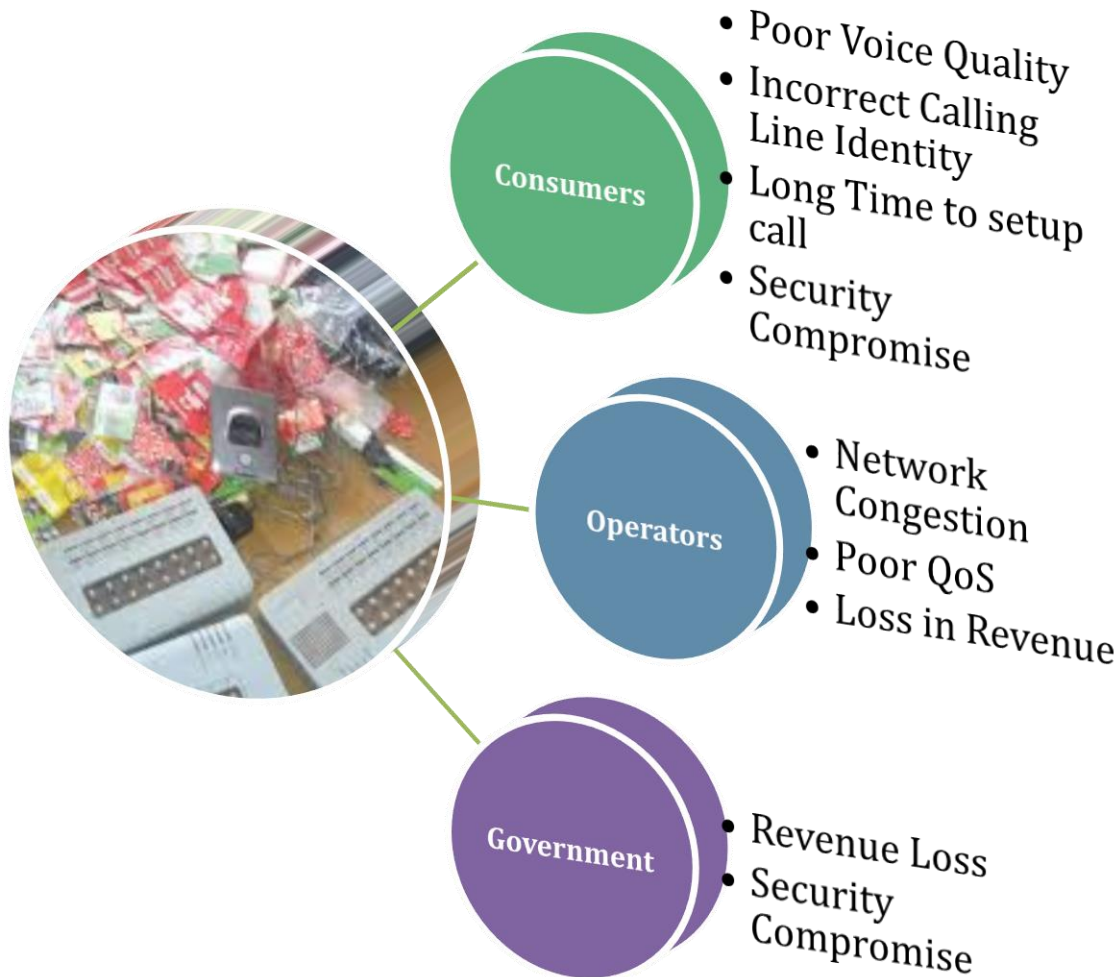
- Design packages which include Voice, data and SMS



- Growing sophistication around SIM box technologies



EFFECTS OF SIM BOX FRAUD

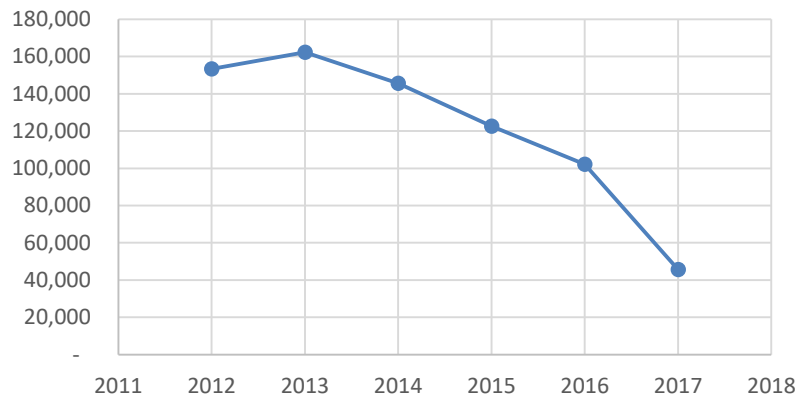




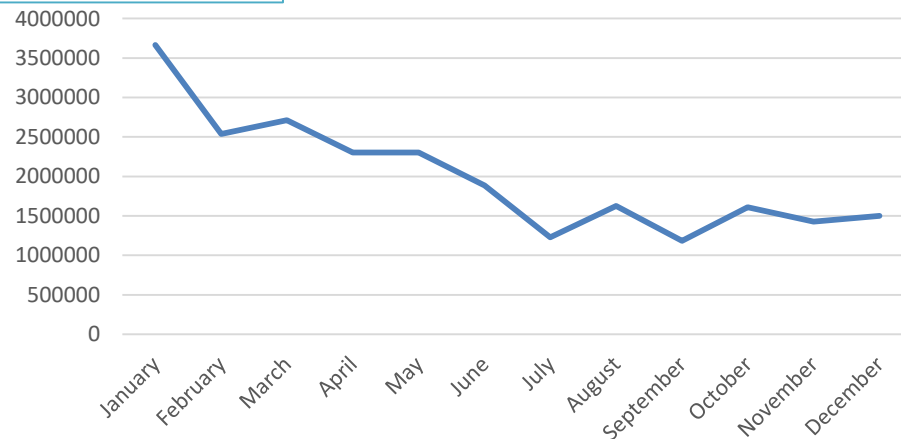
ECONOMIC IMPACT



International Traffic



Traffic Revenue 2017





REGULATORY CHALLENGES



- Government's intervention in setting the call termination rate
- Incumbent operator managing the international gateway
- Lack of tools to measure, track and monitor international incoming calls
- laws which criminalizes Sim box fraud
- Lack of National ID cards
- Lack of tools to verify IDs during SIM registration process



KEY ACTIONS TAKEN



- ✿ Procure National and International Traffic Measurement and Monitoring System
- ✿ Task force for the effective and efficient detection of SIM Box Operation
- ✿ Advisory note for the Policy makers to draft laws which criminalizes Sim box fraud



KEY ACTIONS TO BE TAKEN



- ✿ Complete liberalization of the International Gateway
- ✿ To drastically reduce the incoming international call termination rate which is currently set at \$0.45.
- ✿ To review and amend the compliance guidelines
- ✿ To Introduce a Centralized SIM card registration system



THE END

