4th Annual i3Forum Conference

The Future is All IP

May 15th, 2014
Chicago

Fraud control & Management
1. Context

2. Scope of activities
   *Fraud Classification and recommendation on dispute handling*

3. Members

4. Delivery

5. Conclusion
Context

• Severe increase on fraud cases hitting the wholesale carriers

→ Impact on revenue assurance
  – AIT
  – IRSF
  – Number hijacking
  – Operators’ fraud escalated to carriers
  – FAS
  – Etc.

• Objectives:
  – show industry i3f recognizes this and shows the way to a fraud-less IP eco-system
  – Create a frame of collaboration that is fair both for wholesale carriers and the telecom industry
Scope of activities

• Focus on the specifics of international wholesale and IP

• Objectives
  – Define best practices for wholesale carriers
  – Share information within the group

• Collaboration with several industry bodies:
  – GSMA FF, IWG
  – FIINA
  – PITA
  – BEREC
  – GSC

• Promoting carriers perspective in the industry
  – Specific conferences and events
Members

• Core group
  – AT&T, BICS, BTS, DTAG, iBasis, KDDI, Orange, PCCW, SFR, TATA, TISparkle, Telefonica, Telenor, TNZI, WIS

• Compliance charter agreed
Delivery
Fraud Classification and recommendation on dispute handling

• Major fraud types relevant for wholesale

• Best practices for wholesale carriers
  – Analyze suspicious traffic flows
  – Counter-active measures: barring, dispute, …
  – Inform upstream and downstream
  – Customer remains liable of traffic sent

• Disputes for fraud
  – Traffic is disputable when withholding payments will prevent that fraudsters would be paid down the chain
  – In case carrier is not able to withhold payments, liability remains with retail operator
Conclusion

• i3F is determined to collaborate in fighting fraud with a focus on the wholesale perspective and not limiting to IP

• Activity is based on
  – Exchange of information and best practices
  – Recommendation to the wholesale carriers on fraud classification and dispute handling to preserve carriers interests while helping the industry
  – Moving on to align with the other WS activities
Time for discussion

1. How is fraud tackled within your respective organizations?

2. What is the responsibility of the wholesale carrier?

3. Is cost based routing an open door to abusing wholesale carriers?
Thank You