

Anti-Fraud Alliance Austria

Selbstregulierung zum Schutz des Standortes

May 2017



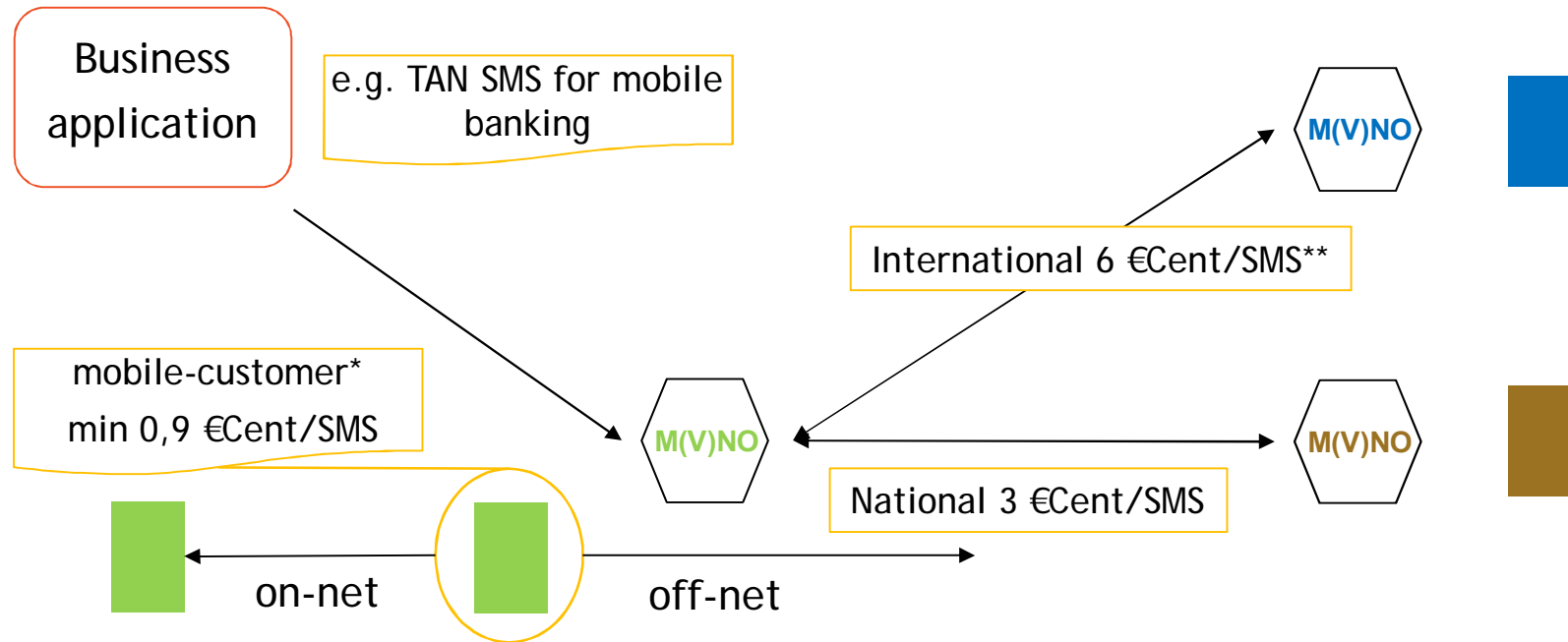
Known Fraud scenarios

overview



SMS Interworking

environment and prerequisites



Traffic distribution is typically a good on/off-net mix

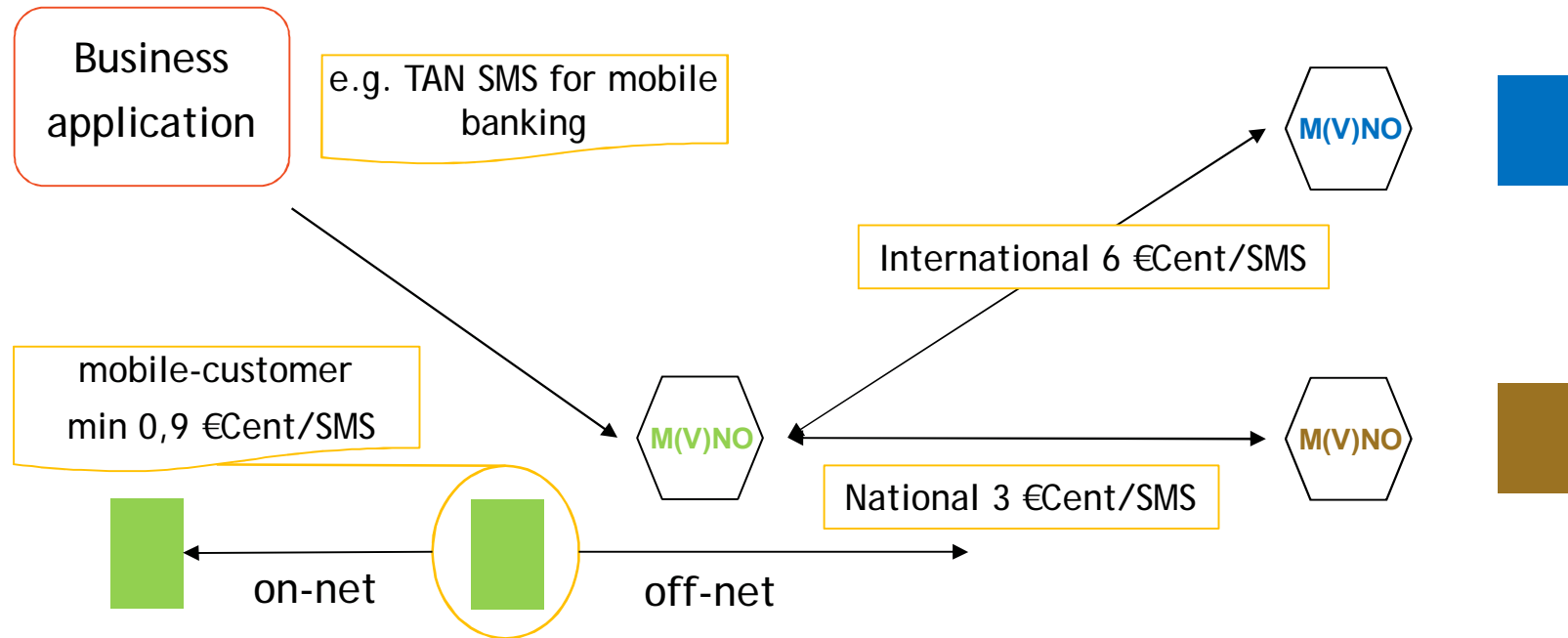
* Depends on package pricing, e.g. 17,90 € / 2.000 SMS <https://www.bob.at> 05.05.2017

** international interworking prices are depending on destination network 6€Cent are average prices



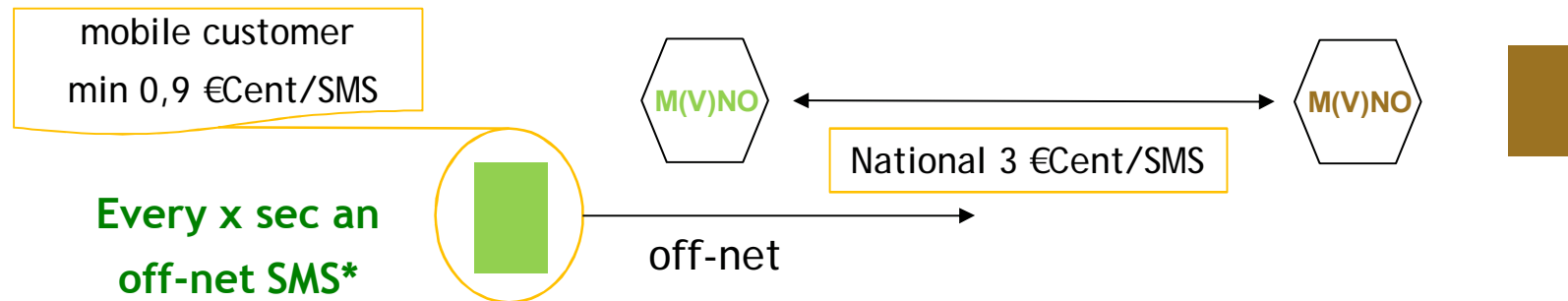
SMS Interworking

machine generated artificial traffic via mobile-customer tariff



SMS Interworking

machine generated artificial traffic via mobile-customer tariff



Customer tariffs are used for machine generation of artificial traffic
e.g. 2.000 SMS per 1.000 SIM cards [[easybob L prepaid](#)]

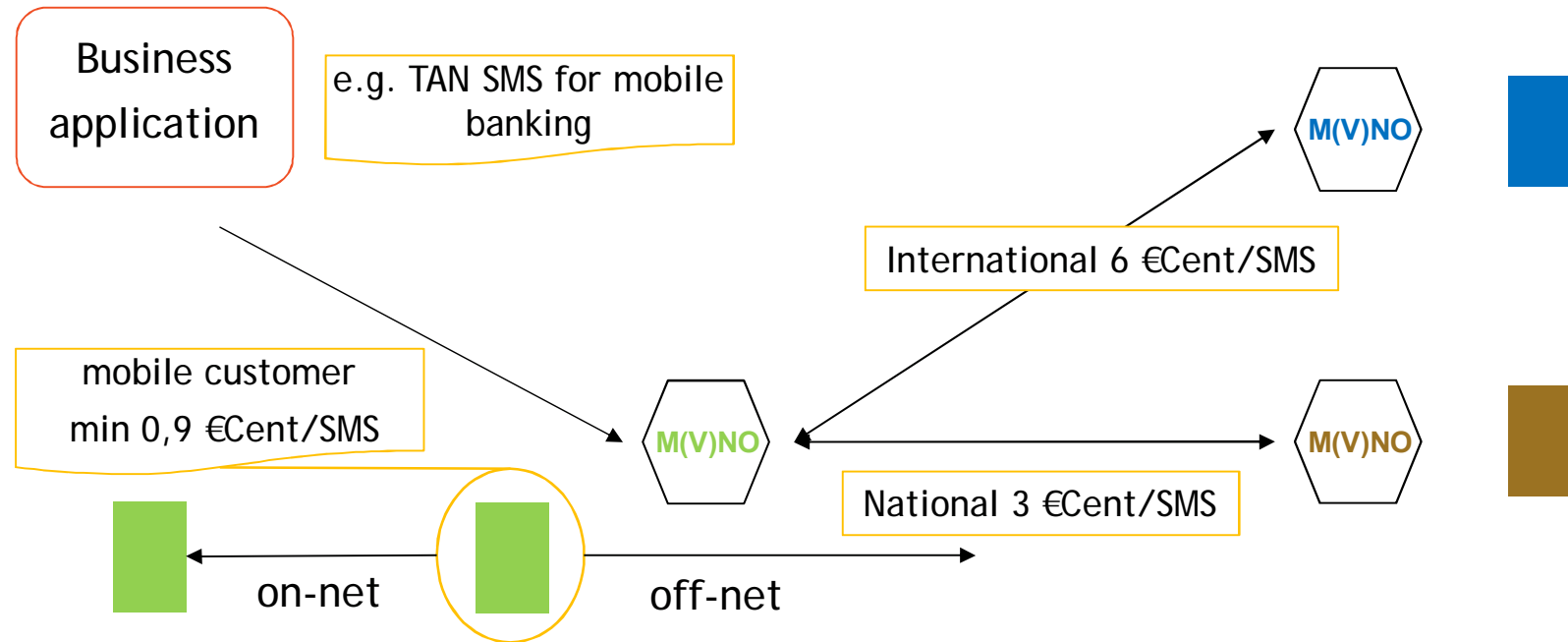
Initial Invest	Interworking Revenue M(V)NO	Loss M(V)NO
1.000 SIM à 17,90€	2.000 SMS per SIM	++ Prepaid tariff -- interworking costs
17.900€	60.000€	42.100€

* SMS can be easily generated by Android applications for automatic tasks like [Tasker](#) or [SMS Scheduler](#) available from google playstore



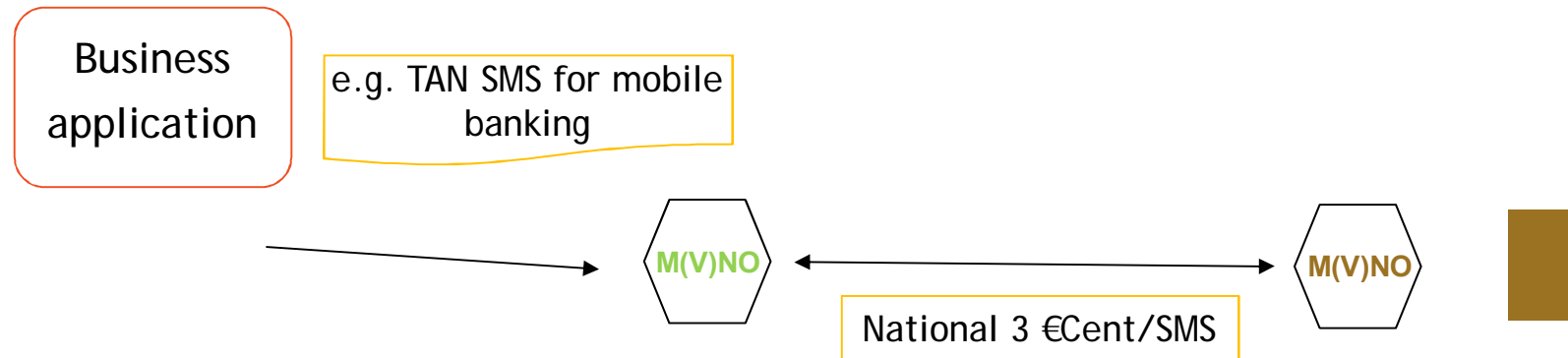
SMS Interworking

automatic traffic generation via business interfaces



SMS Interworking

automatic traffic generation via business interfaces



Via KlickBot* or open web-API** several webpages can be used to send automated machine generated SMS from e.g. bank or web-sms platforms to generate Interworking revenue without any invest

* KlickBot is a software, that imitates user input via mouse, e.g. point and click on a webpage

** API is an application programming interface, where you can send/receive commandos from e.g. webserver



SMS Interworking

roadmap to a safe interworking



To hold up the trust in SMS for our customers we need to

- establish i3f like document & IR.70/71 for SMS IW until 28.7.17 together
- Have a close cooperation between the M(V)NOs
- Transparent info exchange about suspect traffic patterns
- Standardised interworking contracts with common fraud clauses based on the mentioned document
- No payment of fraudulent traffic
- In case of misuse activation of relevant public authorities

Unfortunately SMS interworking is only one out of many fraud scenarios, where we need to work closely together!

We need your commitment for a secure and correct SMS interworking





Thank you

