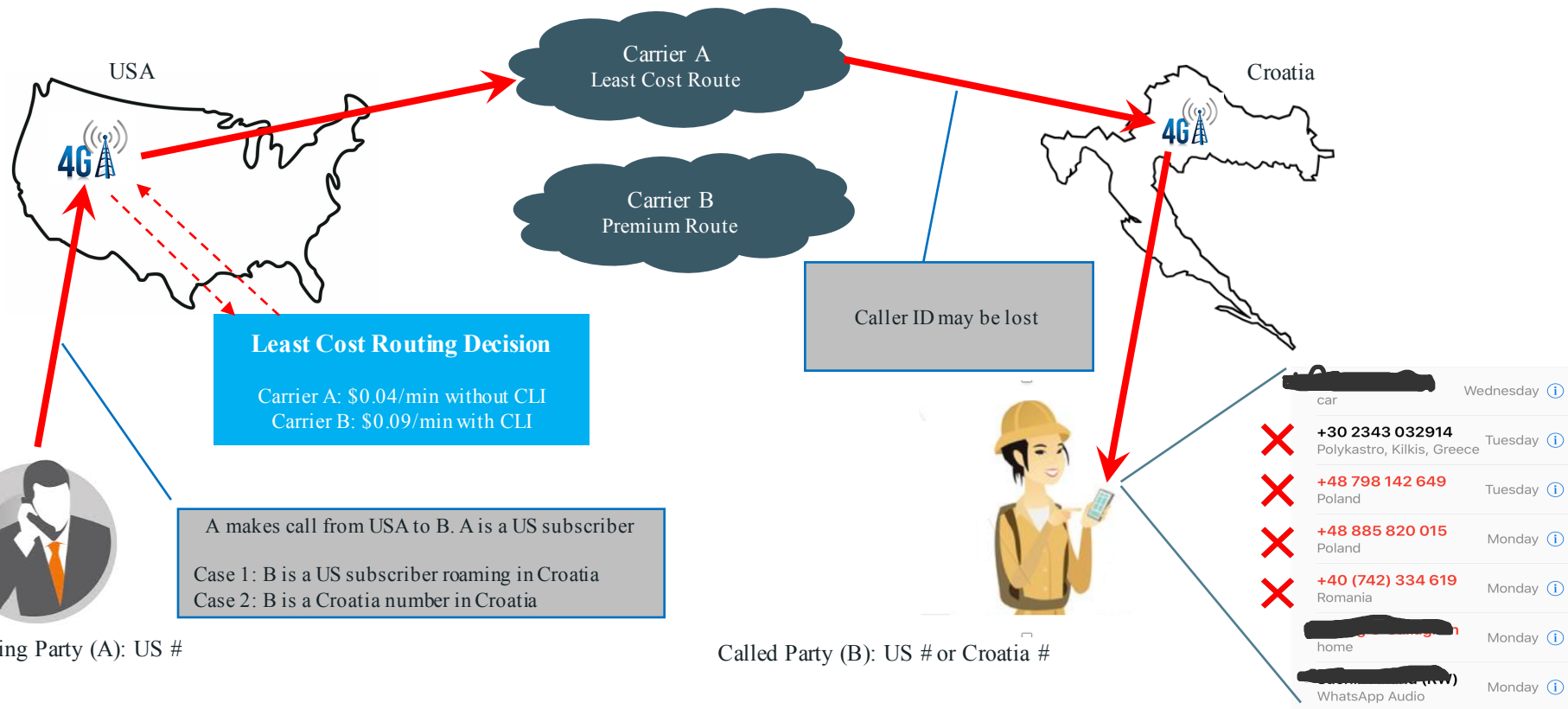




CLI Guarantee &
Least Cost Routing



The International Caller ID Guarantee Problem





Guaranteeing CLI for Outbound Roamers

HPLMN



1

Linxa
Connect

4a

Route With
CLI

US roamer in
Croatia

5a

VPLMN

4b

Least Cost
Route

GMSC

5b

- Guarantee Caller ID for out roamers
- Ensure better experience
- Help day pass activation on first use
- Improve call completion rates
- Dynamic selection

A makes call from USA to B.
A is a US subscriber

Case a: B is a US subscriber roaming in Croatia
Case b: B is a Croatia number in Croatia

2

3

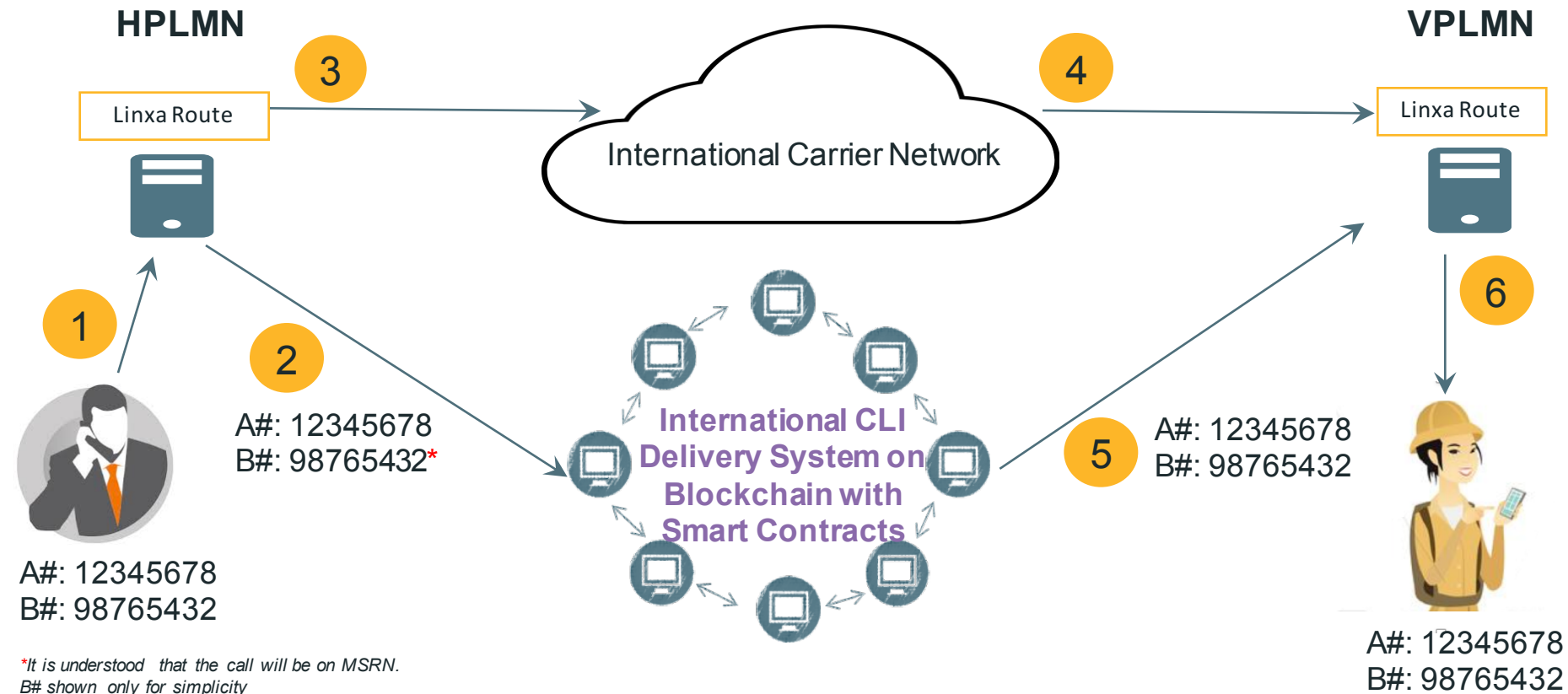


Mobileum
CLIG

Croatia Subscriber



CLI Delivery Using Permission Blockchain





Wholesale Deal Types between Mobile Operators

	Various Types of Wholesale IOT Deals					Sample Rate
	Deal 1	Deal 2	Deal 3	Deal 4	Deal 5	
MOC Local	0.15			0.15		0.15/min
MOC Home	0.20					0.20/min
MOC Third Country	0.45	0.45				0.45/min
MOC Zone 1			0.35			
MOC Zone 2			0.52			
MOC Zone 3			0.75			
MOC Local + Home		0.18	0.18			
MOC Home + Third Country				0.40		
MOC All					0.35	

Rate Type

Sample rates to reflect what a potential deal may look like in terms of wholesale cost

Deal Type

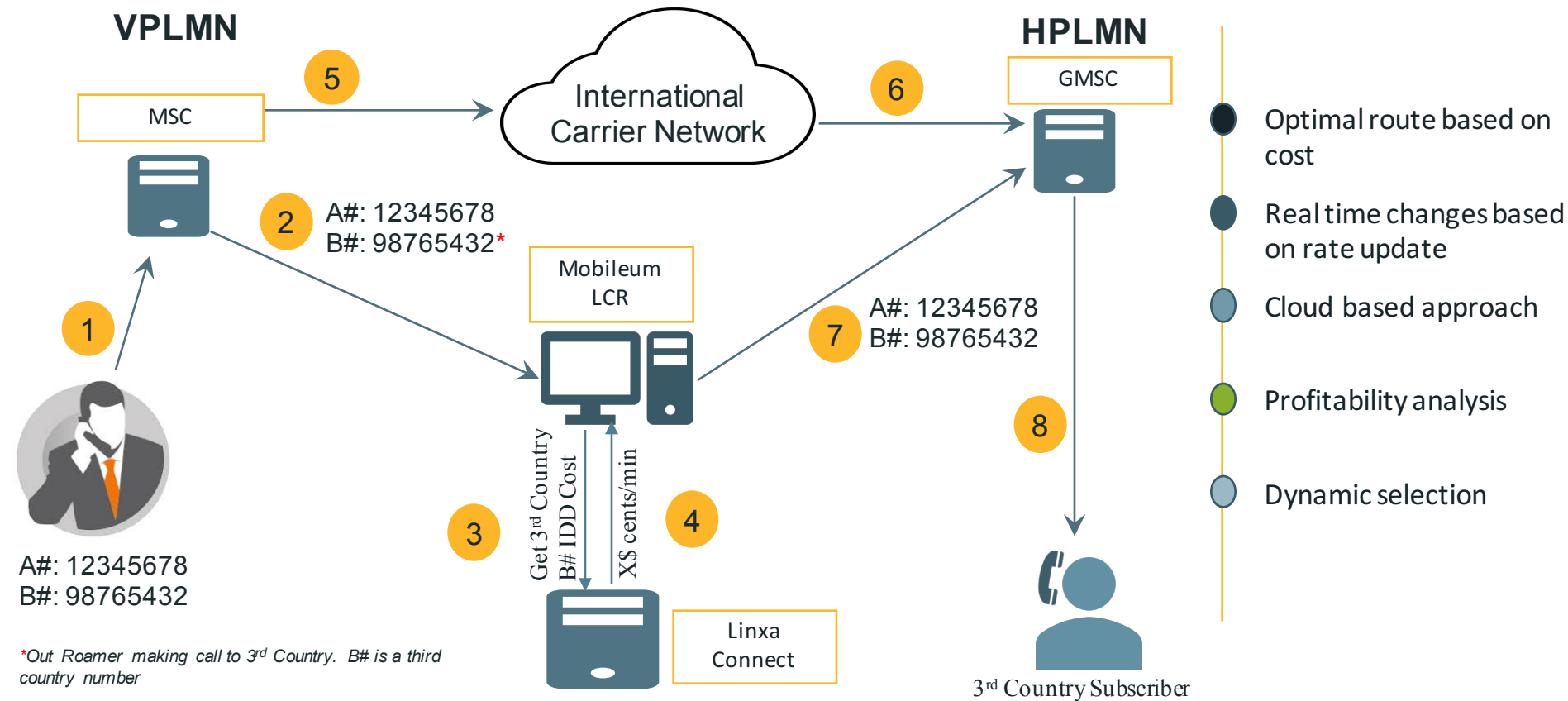
Deal types will benefit from SHR as there is difference in price of call to home country and calls to a third country

Deal Type

Deal types will not benefit from SHR as the price of a call to home or third country is the same (blended rate)



Least Cost Routing for calls made by Out Roamers





Thank You