

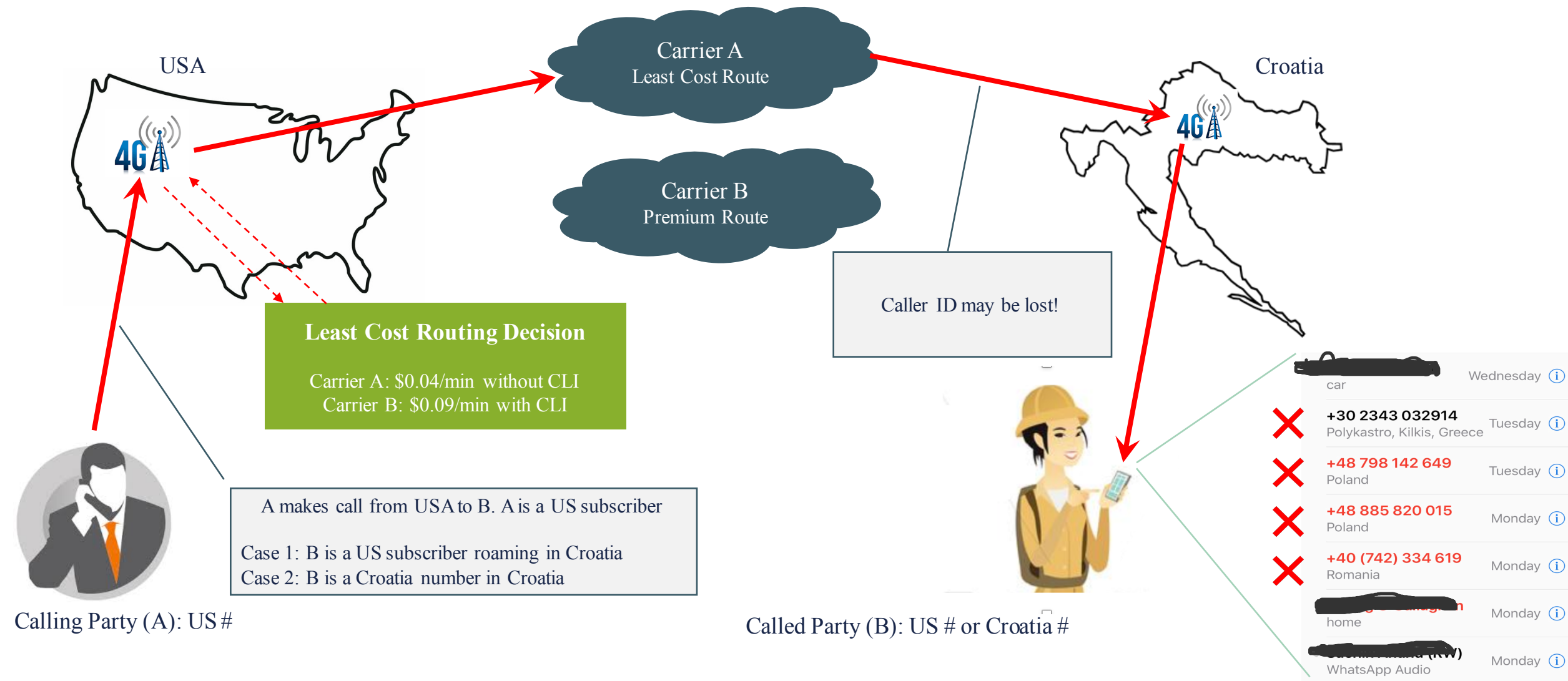


CLI Guarantee & Least Cost Routing



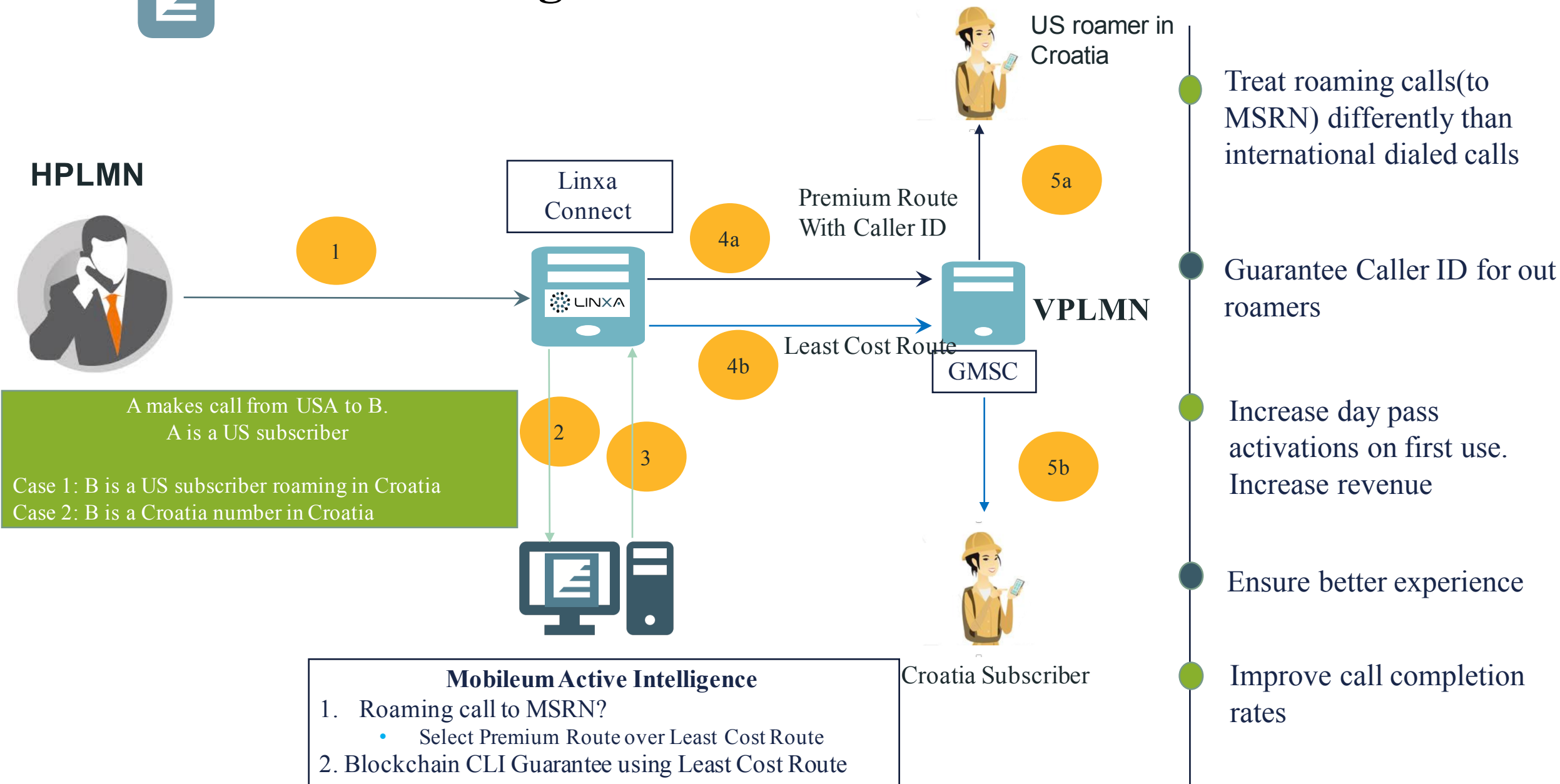
The International Caller ID Guarantee Problem

Caller ID is often not transmitted on international calls using least cost routing.



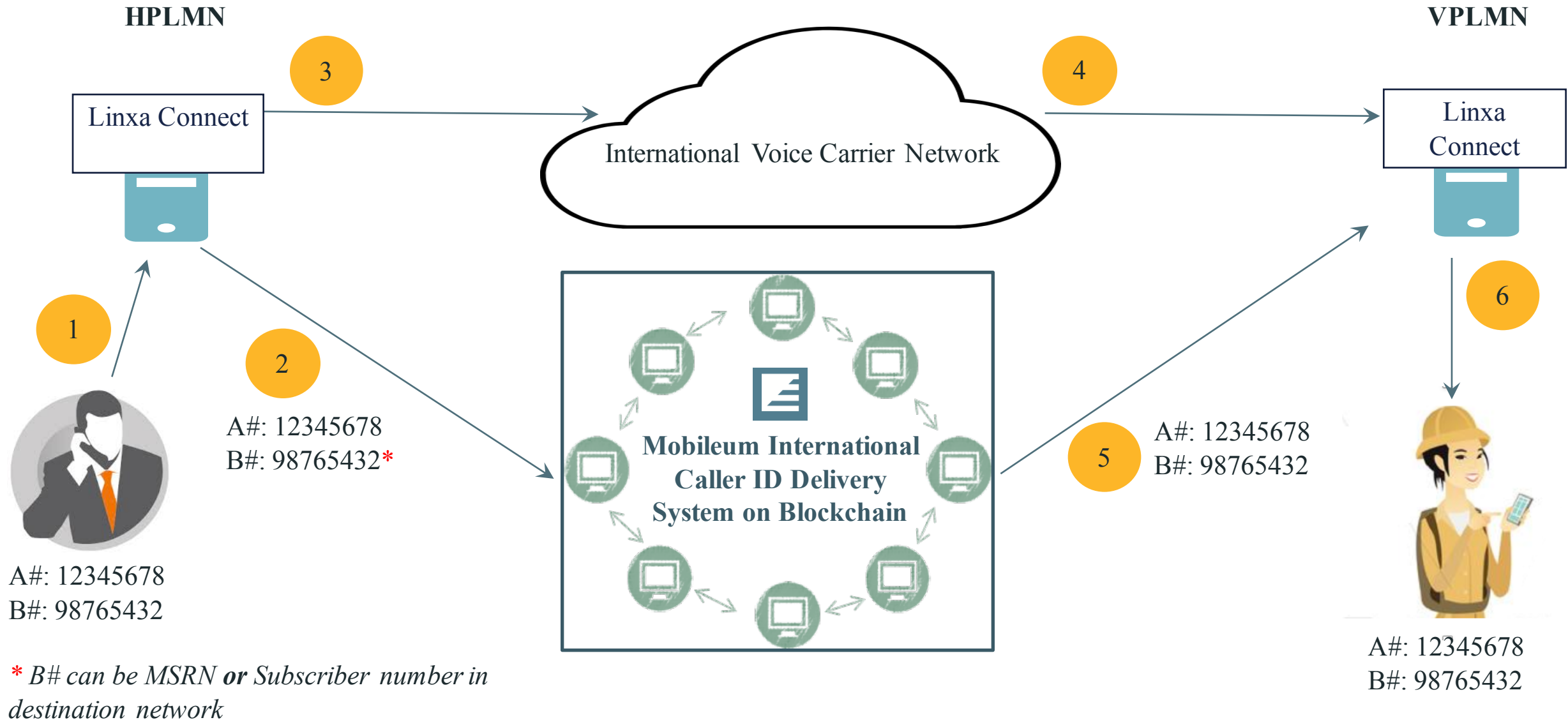


Guaranteeing CLI for Outbound Roamers





CLI Delivery Using Permission Blockchain





Wholesale Deal Types between Mobile Operators

Mobileum's Smart Home Routing (SHR) enables cost optimization of out-roamer calls to third country

	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

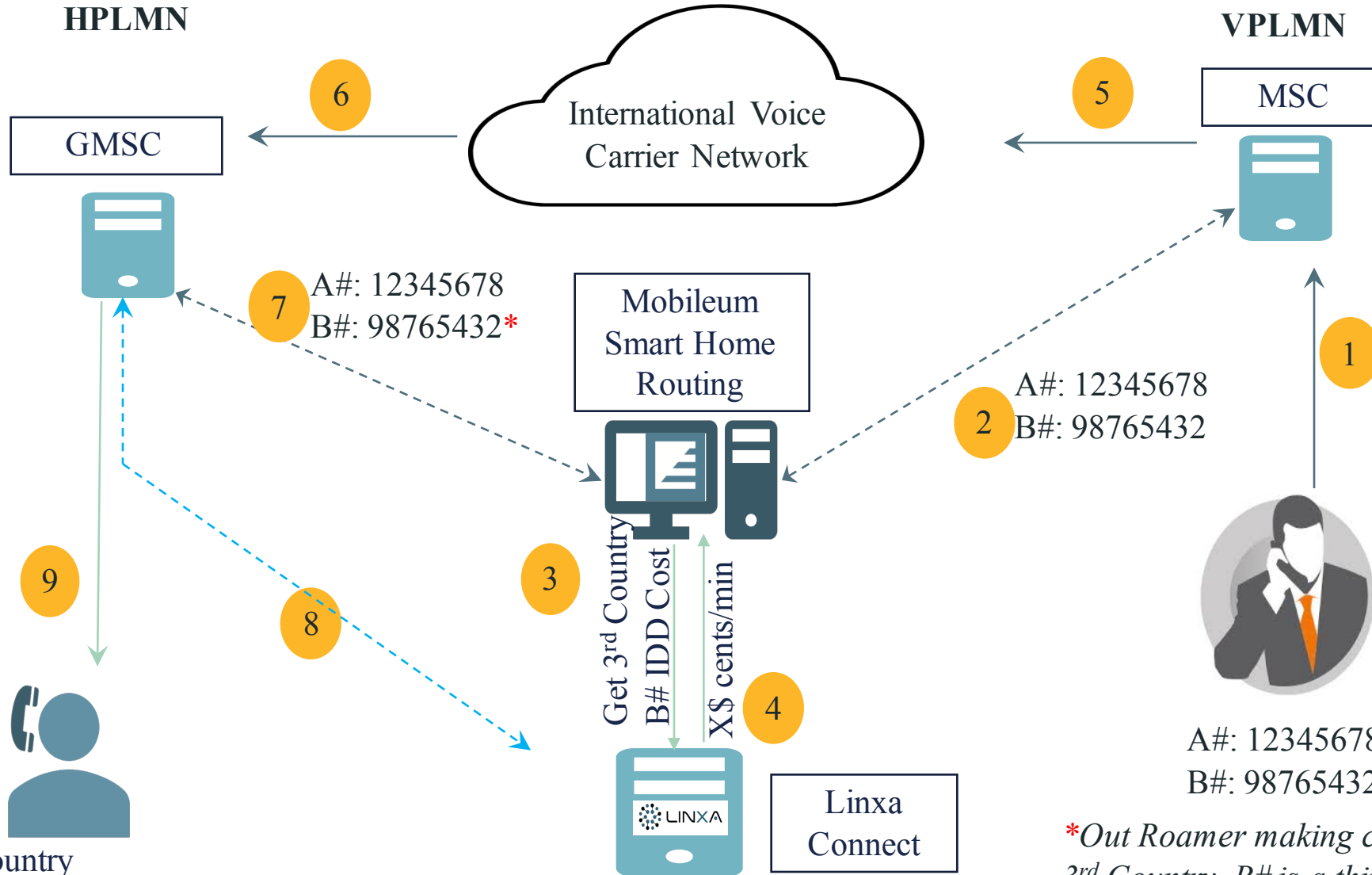
Deal types will benefit from SHR as there is difference in price of call to home country and calls to a third country

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



**Out Roamer making call to 3rd Country. B# is a third country number*



MOBILEUM
THANK YOU