

# Celtic-Plus Proposers' Day Monaco, 24 April 2014

*“EURO MD2” Project proposal*



# Project proposal

## ✦ **Transparent Multi Device Data roaming across Europe**

*“Improve User experience for IP based services while roaming within EUROPE.*

*New roaming solutions perform Device based LTE roaming steering according to the device parameters.*

*New roaming solutions optimize user experience for transparent 3G Local Break Out (LBO)”.*

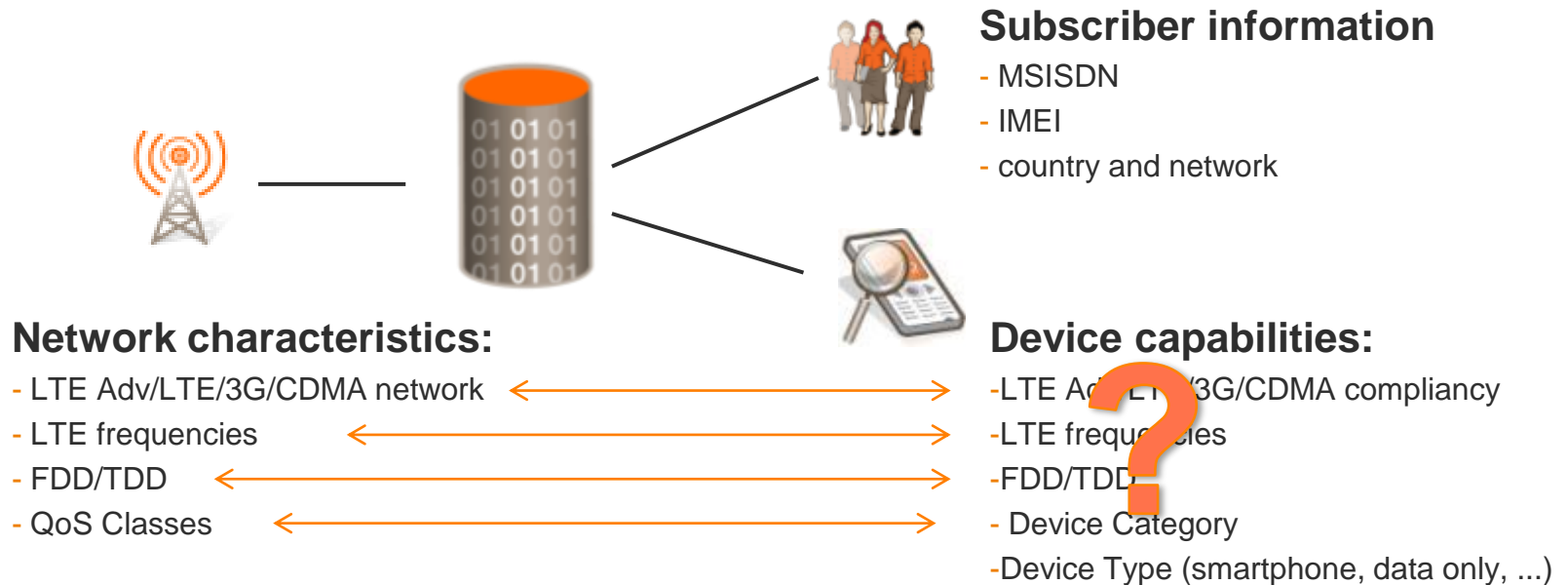
*EUropean ROaming MultiDevice Data -> “EURO MD2”*

# Improve User experience for IP based services while roaming within EUROPE

Propositions	Activities / Partnership
<p><b>Perform Device based LTE roaming steering according to the device parameters:</b></p> <ul style="list-style-type: none"><li>•Device Type (Brand, Model)</li><li>•Radio Frequencies supported</li><li>•TDD vs FDD access method</li><li>•Native VoLTE support</li><li>•SRVCC support</li><li>•Native RCS support</li><li>•Refresh support</li><li>•Device/network categories</li><li>•LTE Advanced support</li><li>•LTE broadcast support</li><li>•Etc...</li></ul>	<p>Collection, Test &amp; Validation of device characteristics is required</p>
<p><b>Perform Device OTA for <u>transparent</u> 3G Local Break-Out (LBO)</b></p> <ul style="list-style-type: none"><li>•Change APNs according to the location of the roamers</li><li>•Change-back APN when subscribers is back in Home Land</li></ul>	<p>Collaboration for Technical Innovation is required</p>

# Device based steering for LTE

- ✦ Is it possible to steer correctly a subscriber in a LTE world without knowing their device capabilities?



Device knowledge is required to avoid LTE blind steering

# Device based steering use cases for LTE

Partner	Device	Steering policy
		Signaling <b>rejected the first time</b> or accepted but with OTA request to push him to LTE partner
		Accepted to boost the LTE usage
		Depends on the operator objectives
		Depends on the operator objectives but <b>not priority</b>

Device based LTE steering for a “like at home” experience