

[] OMA Secure User Plane Location

OMA

Location WG

Secure User Plane Location(SUPL)

가

SUPL

Secure User Plane Location (SUPL)

가

(3GPP

3GPP2

) control plane (

가

user plane

)

control plane
plane

control

Secure User Plane Location(SUPL)

control plane

user plane

SUPL

Vodafone

LOC

WG

Work Item

가

2003

가

가

가

3

SUPL 1.0

가

SUPL 1.0

SUPL 2.0

1

SUPL

SUPL

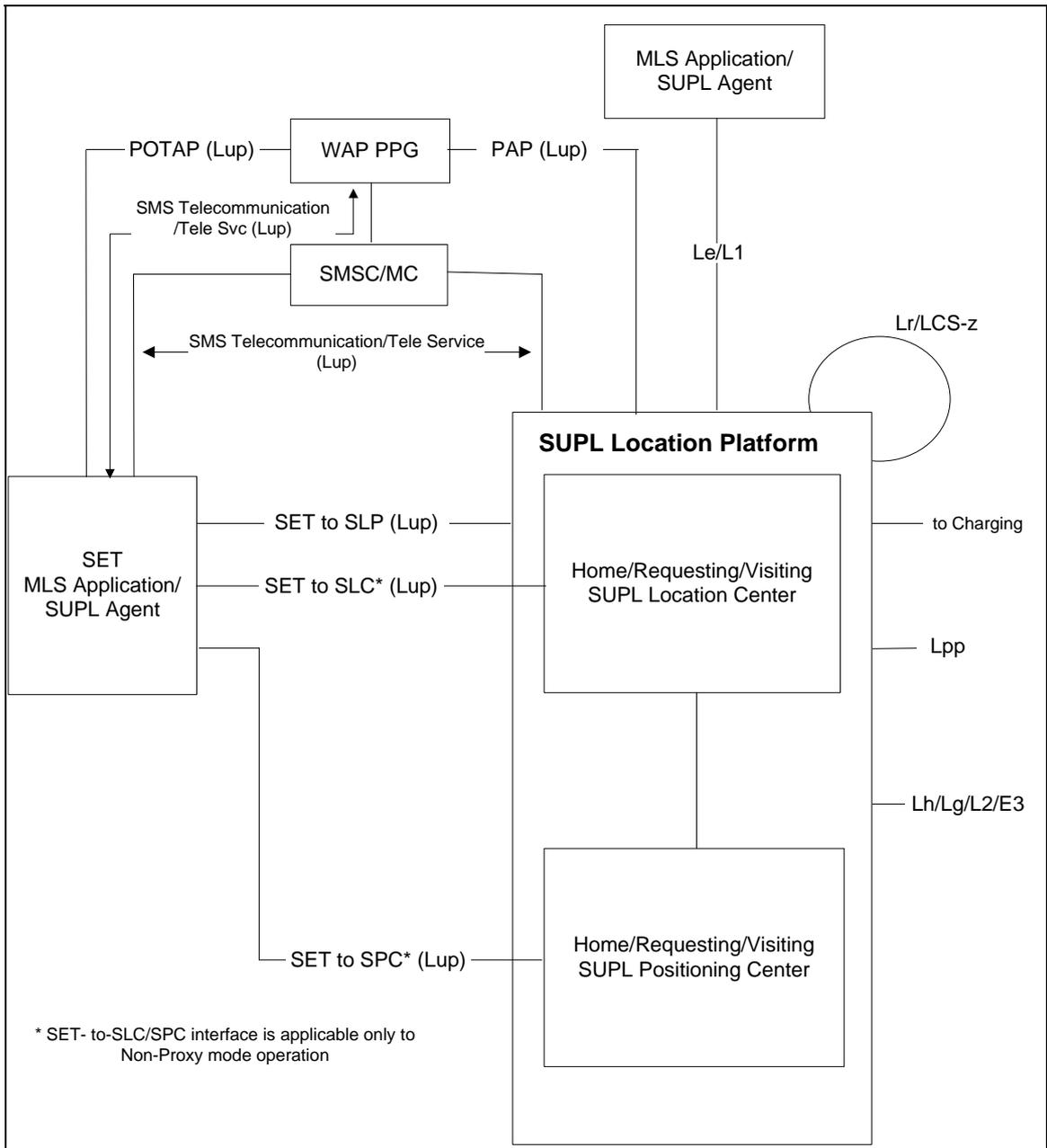
SUPL

SUPL Location Platform(SLP)

SUPL

SUPL Enabled

Terminal (SET)



< 1> SUPL

1 SUPL Location Center(SLC) SLP SUPL () Privacy, Charging SUPL Positioning Center(SPC) SLP (Assisted GPS(A-GPS) Assistance data) . SLP SLC SPC 가 SLC SPC SLC SPC

SLC SUPL SUPL
 SUPL 1.0 SLC SPC SUPL
 SUPL 2.0 SLC SUPL SLC SUPL
 SLC SPC가 SUPL
 SLC SPC 가
 SLC가 SUPL Proxy
 Mode SLC가 SPC Non Proxy Mode
 SPC가

WAP(Wireless Application) PPG(Push Proxy Gateway)
 SMSC(Short Message Service Center) SUPL WAP Push
 SMS SUPL
 가 Home Network Visited Network
 SLP 3GPP
 Lr RLP(Roaming Location)
 Privacy (Lpp), LCS Client (Le)

SUPL
 SUPL
 SUPL 1.0 가
 가

Vodafone China Mobile Vodafone
 SUPL 2.0

2007

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