

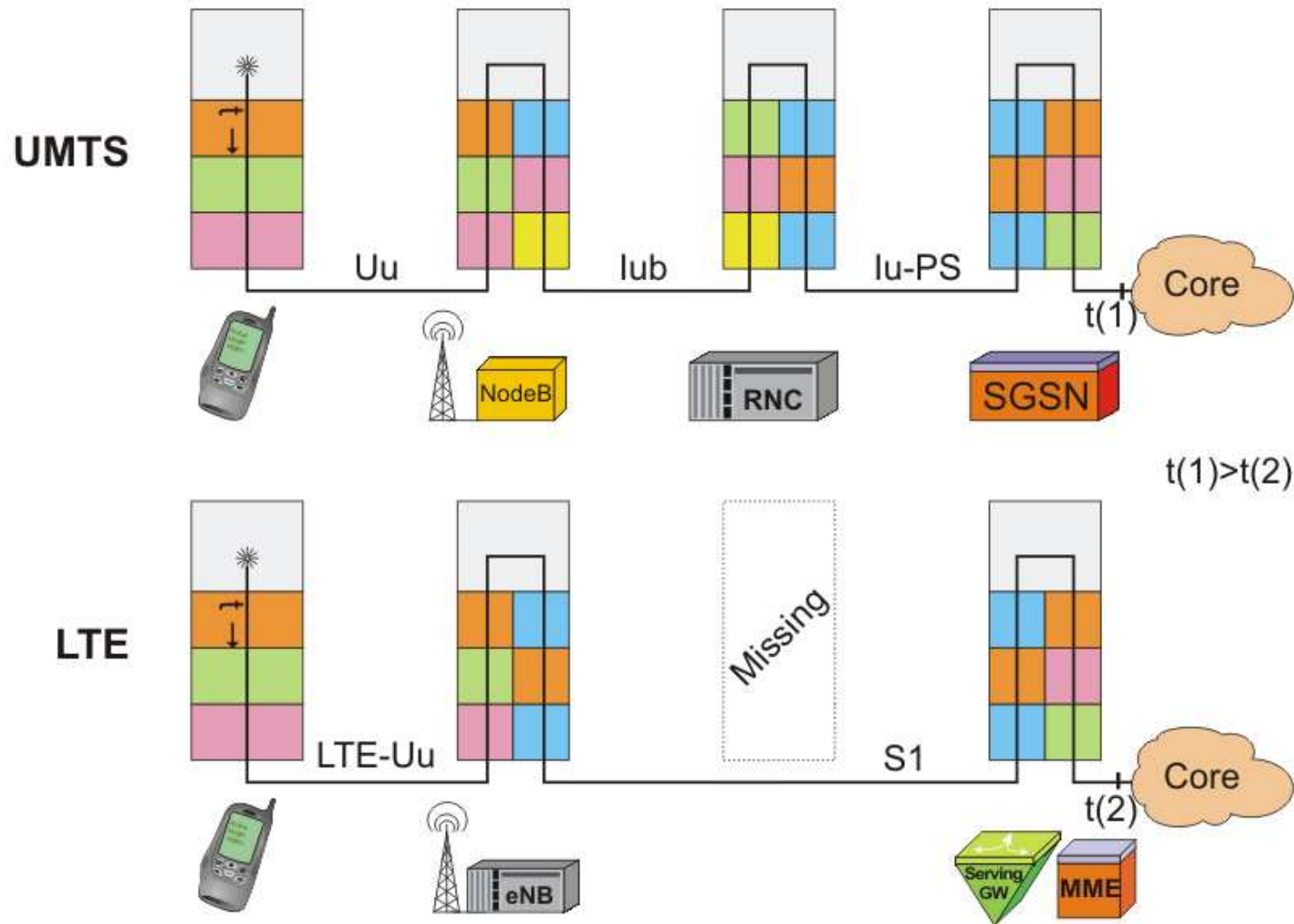
LTE Elements



www.Telecom-Cloud.net

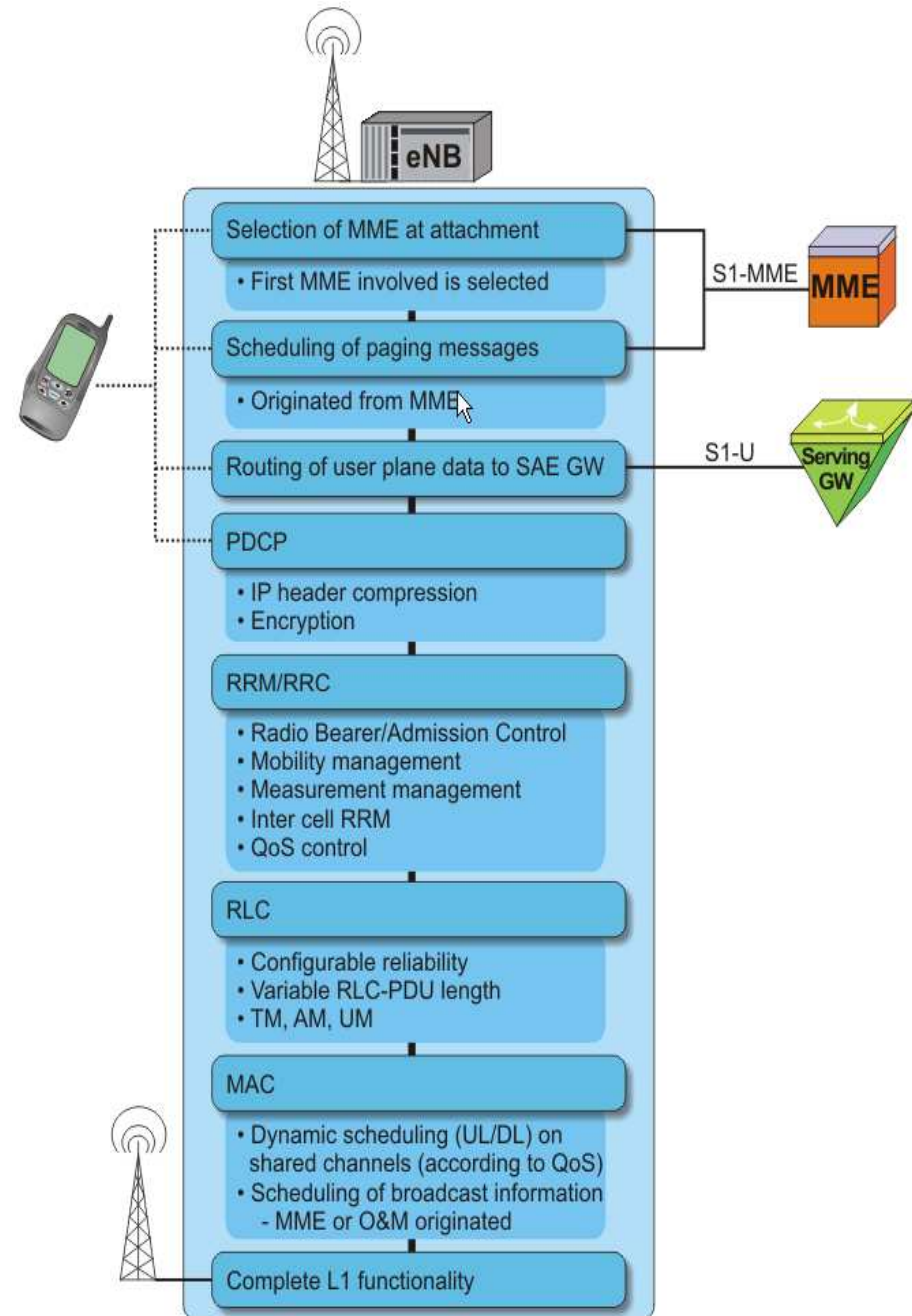
Harish Vadada

UMTS vs LTE



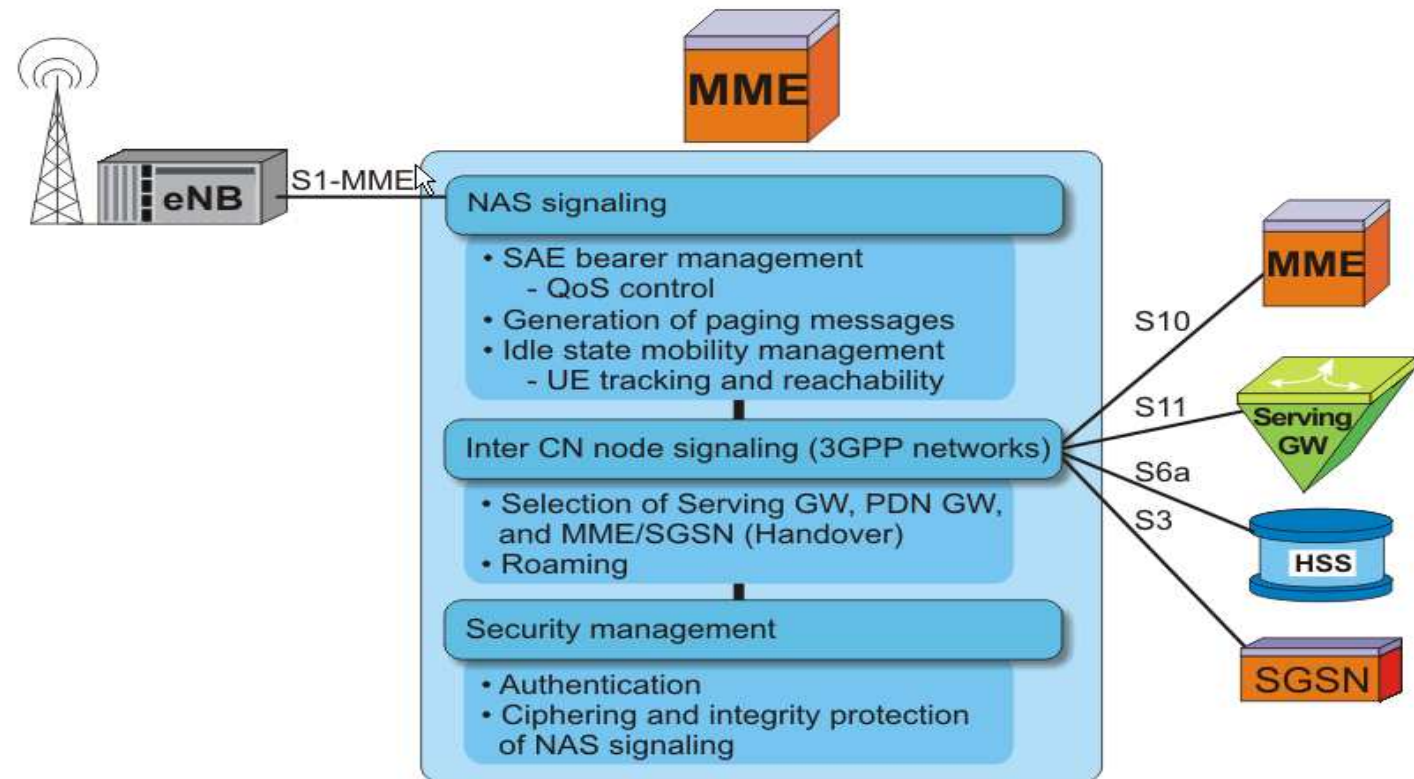
eNodeB

evolved NodeB. The base station in LTE systems. Each eNodeB serves one or more E-UTRAN cells.



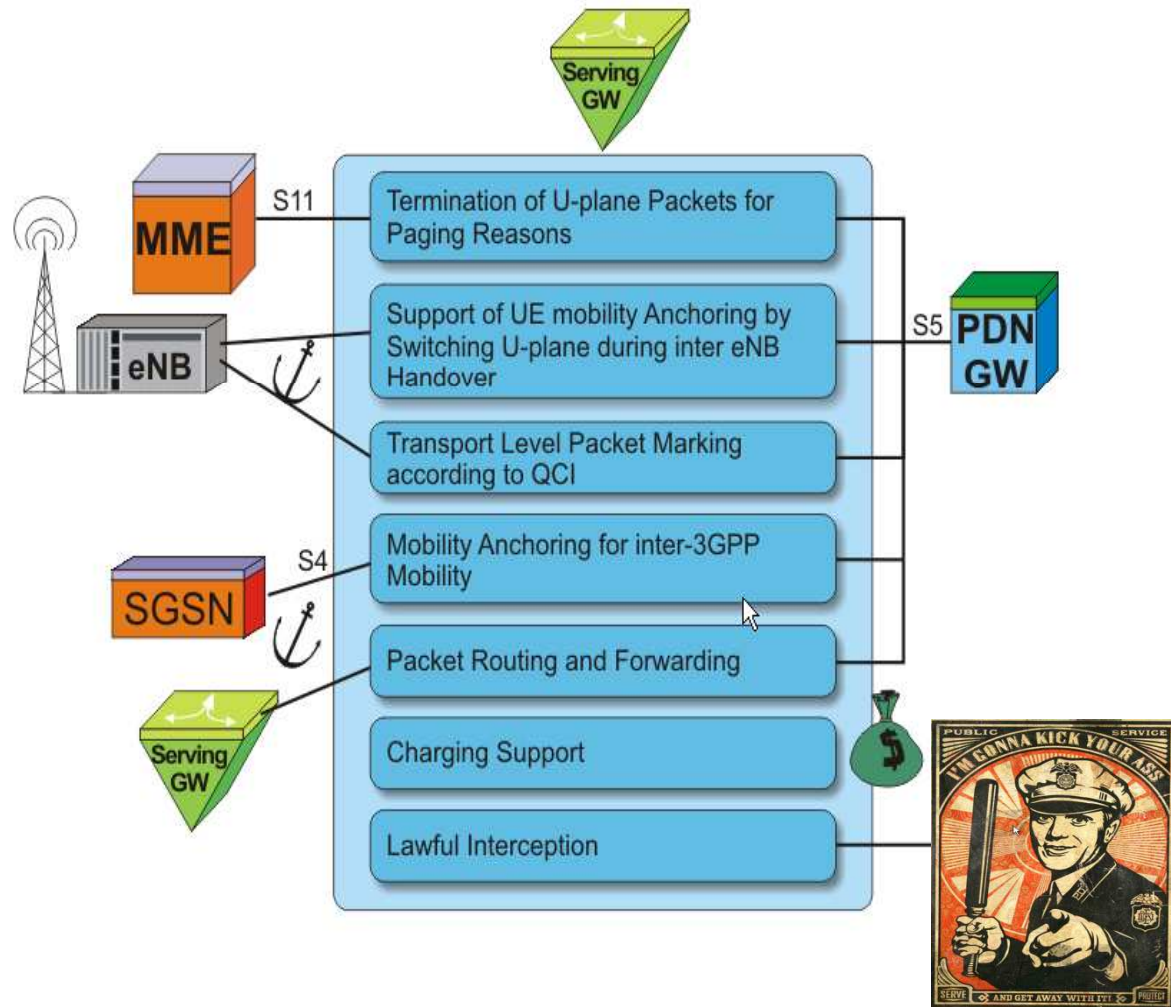
MME

Mobility Management Entity. The control node which processes the signaling between the UE and the Core Network (CN) and provides Visitor Location Register (VLR) functionality for the Evolved Packet System (EPS). It supports functions related to bearer and connection management. See 3GPP TS23.002 Section 4.1.4.1, TS24.301, TS36.300 Section 19 and TS36.401.



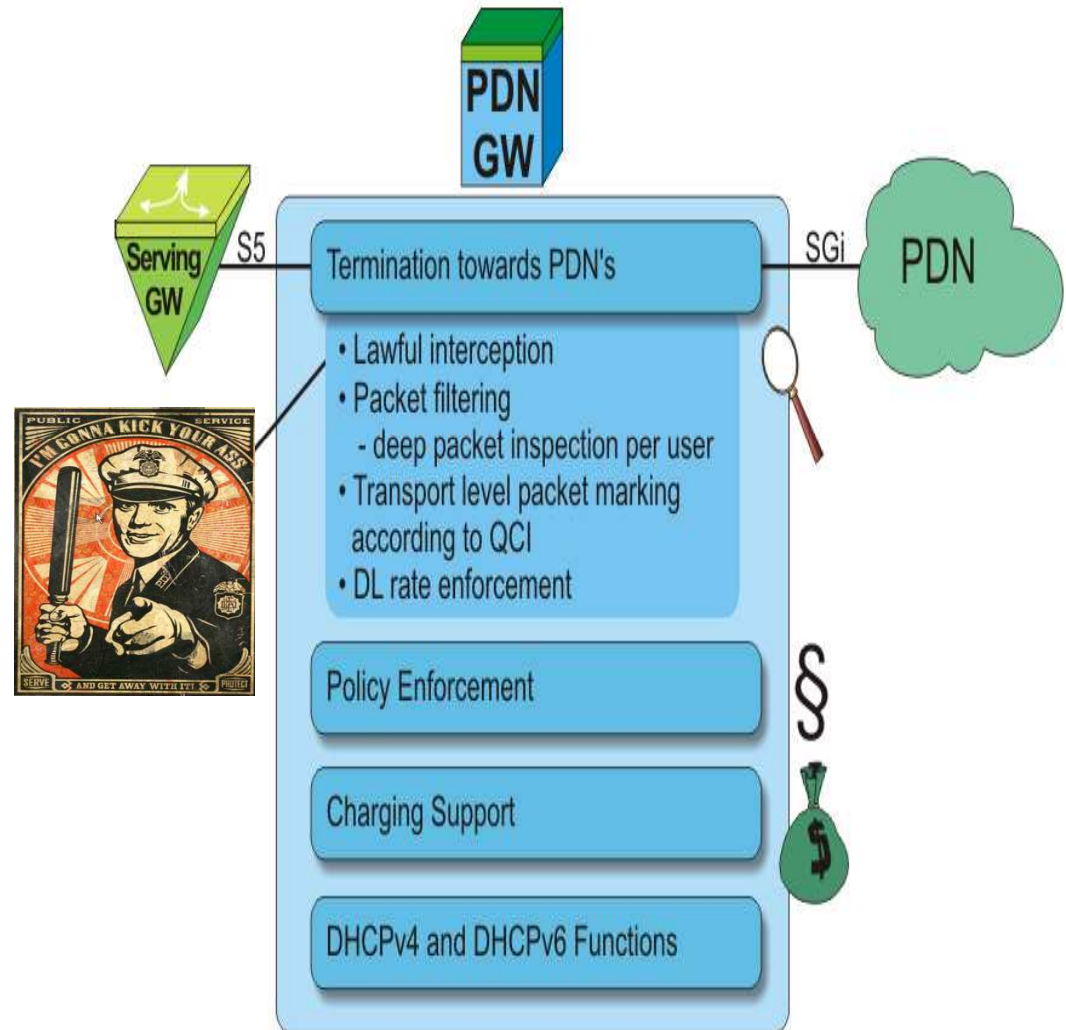
SGW

Serving Gateway. The gateway which terminates the interface towards E-UTRAN. For each UE associated with the Evolved Packet System (EPS), at a given point in time, there is a single S-GW. See 3GPP TS23.002 Section 4.1.4.2.1.



PGW

Packet Data Network Gateway. The gateway which terminates the interface towards the Packet Data Network (PDN). If a UE is accessing multiple PDNs, there may be more than one P-GW for that UE. See 3GPP TS23.002 Section 4.1.4.2.2.



**Wanna Learn More ?
Your free source**

www.telecom-cloud.net

