**Abstract**

As regulators issue out new licenses to mobile operators for deploying new access technology to their respective networks, the challenge of supervising all these technologies and operators activities in the most optimal way as a single heterogeneous network becomes extremely complex and nightmarish.

Most Regulators still rely on classic Drive test as the means for proactive monitoring QoS of Mobile operators. This approach, besides high OPEX, is inaccurate and  inadequate being an intrusive objective measurement while The novel approach of using Network Management system(NMS) is accurate, adequate and provides a true picture of  QoE of end-users through continuous monitoring of QoS predefined levels.

RPM system- Regulators performance management system, is a network management system(NMS) built for regulators that handles the task of interfacing all the operators’/service providers’ network management systems, using OMC-R raw performance data (PM files) records to compute KPIs that renders a given network performance against published benchmarks.