PCC.I/ DEC. 216 (XXV-14) [1]

CURRENT STATUS OF THE REGULATION OF MACHINE-TO-MACHINE (M2M) COMMUNICATIONS

The XXV Meeting of the Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1.   To request the Member States to complete the survey provided in the Annex, by February 15, 2015 at the latest.

1.   To instruct the Rapporteurs to submit a report on the survey's results to the next meeting of PCC.I.

2.   To instruct the CITEL Secretariat to inform the Member States about the survey and the deadline for its completion.

ANNEX TO DECISION PCC.I/ DEC. 216 (XXV-14)

CURRENT STATUS OF THE REGULATION OF MACHINE-TO-MACHINE (M2M) COMMUNICATIONS

1.   In your country, is there any regulatory framework or specific regulations for machine-to-machine (M2M) communications?

        YES_____   NO_____

        If Yes, please provide the number and name of the norm (i.e., law, regulation or policy), as well as the Internet link where it can be consulted:

        If Yes, does it differ from the regulatory framework for other mobile communications?

        YES_____   NO_____

2.   Do your country's laws or regulations define the meaning of machine-to-machine (M2M) communications or the scope of M2M communications?

        YES_____   NO_____

        If Yes, please provide the number and name of the norm (i.e., law, regulation or policy), as well as the Internet link where it can be consulted:

        If YES,
            a) Does it distinguish between intra-premises communication and mobile communications?

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YES_____   NO_____

    b) Does it distinguish between M2M applications that operate in different mobility environments (e.g. fixed, nomadic or mobile)?

YES_____   NO_____

    c) Does it distinguish between M2M applications that have different data rate and latency requirements?

YES_____   NO_____

3.   Has your government taken any initiatives to encourage investment, deployment, and/or research and development of M2M communications and services in the country (for example, by providing special taxing framework for M2M communications, removing barriers to deployment, etc.)?

YES_____   NO_____

If Yes, please provide the number and name of the norm (i.e., law, regulation or policy), as well as the Internet link where it can be consulted:

4.   Do your regulations for M2M communications limit how M2M services can be provided (e.g., over cellular network or over Wi-Fi technology)? Are there any other technical restrictions placed on M2M communications?

YES_____   NO_____

If YES, please explain.

5.   Do any of the parties involved in the provision of M2M services, such as Mobile Network Operators, M2M platform providers, M2M MVNOs or device manufacturers require licenses in your country?

YES_____   NO_____

If YES, please explain what types of license(s) providers must obtain.

6.   Specifically related to M2M communications, are there any restrictions on cross-border data transfer of information from a machine located in your country to another machine located cross-border (e.g., an automotive communication generated from an automobile can flow freely to/from a central control center located outside the country)?

YES_____   NO_____

If YES, please explain.

7.   Specifically related to M2M communications, is there any restriction on the use of data information generated from M2M services (e.g., an automotive M2M system can track where a vehicle is; can such information be shared outside the system)?

        YES_____   NO_____

        If YES, please explain.

8.   Does your country collect information on the number of active M2M connections?

        YES_____   NO_____

        If YES, please provide indicators for the last three years in the chart below.

M2M Active Access	2014	2013	2012
Wi-Fi Technology			
3G or 4G Technology			
Other Technology			
Total			

9.   Are there any conditions placed on the use of M2M devices containing SIM cards/IMSI from other countries? Are such devices subject to roaming requirements or regulations any different from other types of mobile devices?

        YES_____   NO_____

        If YES, please explain.

10.   Can M2M services be offered by mobile virtual network operators (MVNOs)? Are the regulations governing MVNO-enabled M2M services different from those governing mobile network operator (MNO)-enabled M2M services?

        YES_____   NO_____

        If YES, please explain.

11.   In the case there are no specific regulations regarding M2M services in your country, please explain the status of the implementation of M2M services by the providing parties, such as:

        11.1 Type of services offered;
        11.2 The numbering system used;
        11.3 The number of active M2M connections;
        11.4 The technologies used (see question 8);
        11.5 Any other relevant information.