# The theory of IMEI, IMSI and Android

A mobile phone connect to the network by a GSM module. A GSM module can host thousands of mobile phones, and it use two information to reconice the phones from each other is the IMEI and the IMSI number.[[1]](#footnote-1) The system of IMEI numbers was valid from 2003[[2]](#footnote-2). The IMEI number is a 14 og 16 digits. As seen in the figure, the IMEI number is given, by a set of diffent digits. The first two digits, marked on the figure with “NN” is the Reporting Body Identifier. The Reporting Body Identifier is a geografic assign code. The next 6 digits, marked with a “XXXXYY” on the figure.



1. <http://ewh.ieee.org/r10/bombay/news5/GSM.htm> [↑](#footnote-ref-1)
2. <http://www.gsmworld.com/documents/DG06_v5.pdf> [↑](#footnote-ref-2)