

# Mobile glossary

In its latest Mobility Report (June 2016), Ericsson published a handy glossary, listing some of the key acronyms and terms used in mobile-speak today. Print and keep!



Image by 123RF

**2G:** 2nd generation mobile networks (GSM, CDMA 1x)

**3G:** 3rd generation mobile networks (WCDMA/HSPA, TD-SCDMA, CDMA EV-DO, Mobile WiMax)

**3GPP:** 3rd Generation Partnership Project

**4G:** 4th generation mobile networks (LTE, LTE-A)

**5G:** 5th generation mobile networks (not yet standardised)

**ARPU:** Average Revenue Per User, a measure of the revenue generated per user or unit

**Basic phone:** Non-smartphone

**CAGR:** Compound Annual Growth Rate

**CAPEX:** Capital Expenditure

**CDMA:** Code Division Multiple Access

**DL:** Downlink

**EB:** ExaByte, 1018 bytes

**EDGE:** Enhanced Data Rates for Global Evolution

**EVS:** Enhanced Voice Services

**FDD:** Frequency Division Duplex

**GB:** GigaByte, 109 bytes

**GHz:** Gigahertz

**Gpbs:** Gigabits per second

**GSA:** Global Supplier Association

**GSM:** Global System for Mobile Communications

**GSMA:** GSM Association

**HSPA:** High Speed Packet Access

**ICT:** Information and Communications Technology

**IMS:** IP Multimedia Subsystem

**ITU:** International Telecommunication Union

**IoT:** Internet of Things

**ISP:** Internet Service Provider

**LTE:** Long-Term Evolution

**MB:** MegaByte, 106 bytes

**MBB:** Mobile Broadband (defined as CDMA2000 EV-DO, HSPA, LTE, Mobile WiMax and TD-SCDMA)

**Mbps:** Megabits per second

**MHz:** Megahertz

**MIMO:** Multiple Input Multiple Output

**Mobile PC:** Defined as laptop or desktop PC devices with built-in cellular modem or external USB dongle

**Mobile router:** A device with a cellular network connection to the internet and Wi-Fi or ethernet connection to one or several clients (such as PCs or tablets)

**MTC:** Machine-Type Communication

**NFV:** Network Function Virtualization

**OPEX:** Operational Expenditure

**OS:** Operating System

**PB:** PetaByte 10<sup>15</sup> bytes

**QAM:** Quadrature Amplitude Modulation

**RCS:** Rich Communication Services

**RTT:** Round Trip Time

**SEK:** Swedish Krona

**Smartphone:** Mobile phones with open OS, e.g. iPhones, Android OS phones, Windows phones but also Symbian and Blackberry OS

**TD-SCDMA:** Time Division-Synchronous Code Division Multiple Access

**TDD:** Time Division Duplex

**TB:** TeraByte, 10<sup>12</sup> bytes

**VoIP:** Voice over IP (Internet Protocol)

**VoLTE:** Voice over LTE

**UL:** Uplink

**WCDMA:** Wideband Code Division Multiple Access

**WRC:** World Radiocommunication Conference

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