

## **The 6g Forum announces that it has got thirty four members as founding members**

**Cairo, December 4th, 2018**

The 6G Forum announced today that it has secured the agreement of 30 companies and 4 individual researchers to join the forum and contribute towards the development of a 6G standard. Most of these companies are from Egypt and Pakistan following. The US, Canada, Malaysia, the UK and Saudi also contributed valuable members.

The 6G Forum is working on developing a new standard for mobile telephony that will not have any change to the physical layer; meaning all current and future mobile telephones will comply with the standard. The main goal of the standard is to lower the cost of the network so that the internet can reach the 4B people that have not received service yet. This will be by introducing the concept of block chain into communications where a block chain will be responsible for authenticating and authorizing users on the network and perform data storage and sharing functions.

The 6G standard will also make VoIP calling native to the standard so that calls can start as VoIP and terminate as GSM calls or vice versa in a manner that reduces the cost to the user. Also, interoperability between the different VoIP technologies will be encouraged. Also, online services such as payments, education, health care, intelligent transportation systems and others will be native to the standard.

The standard will provide for distributed AI to allow the network to analyze the user data in order to serve the user better.

It is expected that the full standard will be functional in networks by 2022 with trials taking place within the next 6 months.

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