

Dr MUHAMMAD IMADUR RAHMAN, PhD

Managing Director and Chief Executive Officer,
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(Former Head of Global Ericsson Research 5G-Advanced (leading to 6G) Standardization Research Program, and Former Principal Researcher, Ericsson Research, Stockholm, Sweden)

Dr Muhammad Imadur Rahman was born in Sylhet, Bangladesh in 1976. He obtained his BSc Engineering degree in Electronics and Telecommunications in 2000 from Multimedia University Malaysia, MSc Engineering degree in Radio Communications in 2003 from Helsinki University of Technology, Finland and PhD in wireless communications in 2007 from Aalborg University Denmark.

Since January 2008, he has been with Ericsson Research, Stockholm, Sweden, most recently as the head of Global Ericsson Research 5G-Advanced (leading to 6G) Standardization Research Program, and as the Principal Researcher, Ericsson Research, Stockholm, Sweden. In December 2024, he left Ericsson Research, Sweden and joined BSCL as the MD and CEO.

In Ericsson Research, he led a global research program, STAR (STAndardization Research), which involves beyond 5G standardization research leading to forthcoming 6G systems, leading the research efforts aiming at emerging technologies and features that will become cornerstones of future wireless networks. This program involved around 19 teams comprising of more than 250 excellent colleagues; program members located in different countries, e.g. Sweden, Finland, Germany, UK, USA, Canada, China, Japan, Brazil, Hungary, Italy, Turkey, etc, covering internal research as well as strategic external collaborations.

Dr Rahman is an expert on system level understanding of wireless networks, especially on 5G NR, 4G LTE, 3G UMTS, IEEE WLAN systems, satellite communications, among others. He has a long and illustrious career in wireless research, standardization (3GPP RAN WG1 and WG4, IEEE 802.11), telecom and spectrum regulatory experience in EU level (ETSI BRAN, CEPT SE24, FM55) and teaching in PHY and MAC layer issues of wireless digital communications, Link and System level evaluations of radio communication systems including wireless modem and base stations. He authored (and co-authored) 615 patent applications including 345 granted patents, ~45 articles in IEEE journals and reputed conferences, authored (and co-authored) ~1000 3GPP contributions, co-authored 2 books and 3 book chapters.

Dr Rahman is an entrepreneur with critical thinking capabilities. As a part of his outside-the-box thinking personality, he has gathered a number of like-minded individuals in Stockholm, Sweden and started an investment company which initiates and finances business projects. Being the chairman of this investment company, he had the opportunity to lead and manage issues such as future strategy, employee welfare, financial management, investor relations, and service-centric solutions.