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Ramy A. Fathy is the Director of Digital Services Policies and Planning at the Egyptian National Telecom Regulatory Authority (NTRA). As the Director of Digital Services, he seeks the development and implementation of sustainable and effective digital services in the Egyptian market. His role at NTRA includes the development of guidelines, regulatory frameworks, viable business models, and effective technical operating parameters, which ensure efficient and effective services' operation. He is leading the design, and specifications development of intelligent and digital services; addressing risk, market adoption while employing a wide set of tools related to radio network planning, transport design, market modeling, and optimization.

Fathy has been actively involved at the different stages of development of various intelligent ICT systems and services, in addition to numerous ICT-for-development initiatives including national broadband network infrastructure and services, smart cities, intelligent transportation systems, eGov, water management, and next generation access planning. His 15 years of key expertise include projects in the fields of cryptography (PKI), automation, analog TV switch-off and DTV transformation, 4G business case development, market modeling, intelligent transportation systems (design – specifications – business case), and smart cities services ICT requirements and specifications.

After receiving his PhD Degree in Electrical Engineering, he led a team of experts in key R&D projects including the development of radio network planning and optimization packages for mobile and wireless systems, cognitive radio systems, DSP/FPGA/GPP based implementations of consumer electronics products like descramblers, satellite TV receivers, DVB-T/S tuners, and H.264 video coders.

Fathy has served as the Chairman of the ITU-T Focus Group on Smart Water Management, Vice-Chairman of the ITU-T Focus Group of Bridging the Gap between Innovations and Standardization (Focus Group Innovation). Currently he is serving as the Co-Vice Chairman of Working Party 2 (WP2) of the ITU-T Study Group 20 (SG20) on IoT and its applications including smart cities and communities since June 2015.