## Nguyen Van Khoa

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Personal Information

Family name: Nguyen Van.

First Name: Khoa.

Nationality: Vietnamese.

Date of Birth: 30th March 1979.

**Objectives** 

To become a bridge in standardization activities between ITU-T and developing countries. To facilitate the standardization in ITU-T reflecting the need of developing countries and to bring the standardization outcomes from ITU-T to developing countries.

**Profile** 

Mr. Nguyen Van Khoais a Deputy Director of Quality Division at Viet Nam Telecommunications Authority (VNTA), Ministry of Information and Communications (MIC) of Viet Nam, where he has more than 10 years working in conformity testing laboratory and standardization related activities. Mr. Khoa's main activities focus on quality of telecom products, quality of services, conformity and interoperability and testing. He is vice-chairman of Expert Group ITU-T Issues and rapporteur on policies, regulatory and strategy in Asia Pacific Telecommunity Standardization Program (ASTAP). He also is an acting vice-chairman of Working Group 1 on ITU-T Working Methods of APT Preparatory Group for WTSA-16.

He has proficiency in testing telecommunication quality of service, measuring exposure of electromagnetic field of base stations. He took an important role of several testing projects while serving as head of technical section in laboratory. His recent active activities include proposing, implementing regulation of quality of products, equipment, networks, services in the fields of telecommunications and Internet; conformity assessment, interoperability testing, measurement of human exposure to electromagnetic field. He is the main contributor, editor of several national technical regulations for quality of services, base station EMF exposure testing. He has been participating in drafting, developing, disseminating nation technical regulations and standards for quality of services, radiofrequency devices and Electromagnetic Compatibility (EMC), IPv6 ready, DVB-T2 tuner.

### Work Experience

2015 - present: Deputy Director of Quality Division, VNTA, MIC

- Managing and consulting for developing policy, regulatory, strategies for conformity assessment of ICT products and goods;
- Coordinating conformity assessment activities for ICT products and goods including testing, certification, verification;
- Developing, drafting, disseminating and implementing ICT national standards and technical regulations.

2011 - 2015: Head of Technical Section, Metrology Center, VNTA, MIC.

Managing technical section of the leading telecom laboratory. Drafts and contributes to national technical regulations, standards for ICT conformity and interoperability.

Setting up and maintaining testing laboratory for benchmarking mobile quality of service complying with requirement of ISO/IEC 17025 standard.

2007 - 2011: Deputy Head/Head of Technical Section, Metrology Center, Directorate of Information and Communications Quality Control, MIC

Working for testing projects of quality of service, base station EMF exposure. Drafts and contributes to national technical regulations, standards for ICT conformity and interoperability.

Maintaining procedures to control the compliance of the testing laboratory with requirement of ISO/IEC 17025 standard.

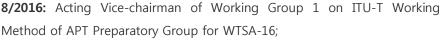
**2005 – 2007**: Engineer at Technical Section, Metrology Center, Directorate of Post and Telematics Quality Control.

Working for testing, measuring quality of services, quality of ICT products and goods. Contributes to drafting technical regulation of base station EMF exposure.

Setting up and maintaining laboratory for measuring base station EMF exposure complying with requirement of ISO/IEC 17025 standard.

**2002 – 2005**: Engineer at VDT Technology then Network Operation Centre Manager, Hanoi Telecom. Working for deploying and managing VoIP system.





2014 - Present: Vice-chairman of Expert Group on ITU-T Issues of APT Standardization Program (ASTAP)

2013 - 2014: Rapporteur of Expert Group Policies Regulatory Strategies (PRS) of ASTAP. Actively contributed to ASTAP relating to Electromagnetic Fields, Quality of Services, Conformity Assessment, Interoperability.

2012: Member of Viet Nam Delegations to WTSA-12.

2015: Speaker at 3rd joint APT/ITU Conformance and Interoperability Event; 2012-2016: participation in ITU-T's workshops, events (BSG, C&I, etc.), TSAG 2012-2016: Remote participation in SG5, SG11, SG12, SG20 meetings.





# Education and Training

B.E. and M. E. degrees in Telecommunications from Hanoi University of Technology in 2002 and 2004, respectively. Training courses on the NGN standardization, VoIP management, Management system in Laboratory against ISO/IEC 17025 standard, Awareness and Internal Auditing skill according to ISO 9001:2008 and Working method of ITU-T study groups.

#### **Publications**



**6/2016**: "IoT and Smart cities applications", Journal of Information and Communications Technology, MIC, Viet Nam.

**01/2016**: "Quality of Experience standardization development", Journal of Information and Communications Technology, MIC, Viet Nam.

**8/2015**: "ITU-T Recommendations and application in standardization, measurement and quality control in Viet Nam", Journal of Information and Communications Technology, MIC, Viet Nam

**9/2012**: "Proposing and Implementing automated Quality of Service testing system", Journal of Information and Communications Technology, MIC, Viet Nam.

### Studies/Researches

**2016**: Studies on Quality of Experience assessment for mobile services, MIC research.

**2015**: Studies on developing, proposing automated fixed broadband Internet access testing system, MIC research.

**2013**: Studies on developing national technical regulation for quality of Internet access service on mobile network, MIC research.

**2012**: Studies on Developing, proposing automated quality of service assessmentframework and procedure for mobile services, MIC research.

**2011**: Studies on Developing, proposing national standards for video streaming assessment, MIC research.

**2006:** Drafting and contributing to develop technical regulation on EMF exposure from public land mobile stations.