

ITU-T NEXT GENERATION NETWORKS WORKSHOP IN COLLABORATION WITH IETF

CV

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Session: 1: Requirements and Functional Architecture
Title of Presentation: Basic NGN Architecture, Principles and Issues

Mr. Knightson has more than 20 years experience in the design of network protocols and architectures, and strategic use of open standards. In the past few years, special emphasis has been placed on Next Generation Network activities, and he is currently providing advice to Industry Canada.

Previously, senior positions were held in Nortel Networks, and British Telecom (UK), developing corporate architectures, product specifications, and transition strategies based on open standards.

In the past, Mr. Knightson has:

Been responsible for a number of Information Infrastructure/Highway activities both nationally and internationally, involving the convergence telecommunications and IP Internet architectures

Managed Strategic Standards Programs for three large corporations and two Governments (Canada and UK);

Made significant contributions to many standards bodies, including ISO, CCITT, IEEE, NM Forum, T1M1, etc.;

Acted as Special Adviser to Canadian Government Telecommunications Agency as Director of their Open Architecture Program;

Served as President of Canadian Interest Group on Open Systems and Director of Information Highway issues;

Authored two books on Open Standards;

Mr. Knightson holds both a BSc (1973) and an MSc in Computer Science (1976), is a registered Chartered Engineer within the European Union, and is a Member of the Institute of Electrical Engineers since 1973.