

Under the Patronage of H.E. Dr. Abdul Hussain bin Ali Mirza,
Minister of State of Oil & Gas Affairs & Chairman of the National Oil & Gas Authority

OT Summit 2008

The 2nd Oil & Gas ICT Summit

18- 19 November 2008, Crowne Plaza – Bahrain

Keynote Presentation:

Wednesday 19 November 2008 at 8:40am

Title:

Cryptography & Information Security Challenges

Abstract:

Cryptography and Information security aims to protect the confidentiality, integrity and availability of information. By the rapid computer technology improvement, security techniques are in continuous change. It is involving new challenges and concerns forcing the security life cycle, from threats to operations, to be always alert.

The speech will highlight some of these challenges relating to the complexity, human factor, economics, and privacy with emphases concerning cryptography and information security.

Speaker:

Dr Adnan Abdul-Aziz Gutub
Chairman and Associate Professor in the Computer Engineering
Department
King Fahd University of Petroleum and Minerals (KFUPM)

Brief Bio:

Dr. Adnan Abdul-Aziz Gutub is the Chairman and Associate Professor in the Computer Engineering Department at King Fahd University of Petroleum and Minerals (KFUPM) in Saudi Arabia. He received his Ph.D. degree in 2002 from the Department of Electrical and Computer Engineering at Oregon State University in Cryptography and Security hardware designing. Adnan's research interests are in modeling, simulating, and synthesizing VLSI hardware for crypto and security computer arithmetic operations. He has some work in modeling architectures for RSA and elliptic curve crypto operations. His interest involved computer security focusing on simple image based steganography and Arabic text steganography.

