

Inf. and Communication Security In IRAQ

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**Dr. Eng. Sattar B. Sadkhan
University of Babylon - IRAQ**






The status in IRAQ Before 2003

-1980 Start Government Institutes to take care about building the capability of treatments with the “Cryptology”
Cryptography & Cryptanalysis

-1984 Start the interest of “Security Evaluation” due to problems of decision about which “International Cryptology products “, the users must decide on !

- 1986 start Universities to lectures “Cryptography” in B.Sc., M.Sc., and PhD. Courses in many specializations : { applied Mathematics, computer Science, Computer Engineering, and Communication engineering”.






In 1991 Start building A Governmental Company to take care about “hardware implementation “ of “**New Designed Crypto** algorithms” or Modifying the existing ones.

Since (1988 –up to 2003) more than (250) postgraduate thesis were implemented in in most of Iraqi Universities supervised by Iraqi Doctors. Most of them in “Computer science Dept.”.



After April 2003 ???


1. All the Infrastructures were completely **destroyed**
2. Most of the working people in this field they Couldn't have possibility to work in this field (Especially the nonacademic specialists).
3. We started (as academics side) to bring the attention of the governments institutes about the great dangerous we faced !
4. Since 2011 start serious interest with the Government to listen to our sound !
5. A Plan for future Road Map was submitted to Governments, that contains three important directions:
 - a) The short term phase, by which we described our approach for establishing an Institute that take care about defining the actual "Information and Communication Security problems within different Governmental departments".



b) **Long Term Phase**: Building Academics Research Center in One of Iraqi University (like UoB) that take care about guiding the “ Academics Scientific Research” efforts, that must be paid to solve the different identified problems in this field within the different governmental Institutes.

c) **A teams of specialists worked deeply** to put the required supports to finalized the following topics:

- (1) **Design a suitable Infrastructure** for the Communication Networks that support the Government Depts. In their daily work .
- (2) **Design a suitable Infrastructure for** the Government Depts., in their request for securing their communication.



Thank you

